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A reconstruction
of Adriaan Vlacq's tables in the
Trigonometria artificialis (1633)

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[The ‘Thesaurus Mathematicus’], the ‘Opus Palatinum,’
and Vlacq’s ‘Arithmetica Logarithmica,’ 1628
and ‘Trigonometria Artificialis,’ 1633,
may be said to be the four fundamental tables
of the mathematical sciences.

Glaisher, 1873 [24, p. 45]

1 Vlacq’s *Arithmetica logarithmica* (1625–1628)

Adriaan Vlacq (ca. 1600–1667) came to be involved in the publication of tables of logarithms through Ezechiel de Decker (ca. 1603–ca. 1647), a Dutch surveyor and teacher of mathematics.

De Decker had the idea of translating a number of works by Napier and others, but De Decker neither had a command of Latin, nor presumably the money to publish the books. As Vlacq knew Latin and had money, they entered a contract to publish a number of works. Two books were published in 1626, the “*Eerste deel van de nieuwe telkonst*” [10], containing several translations, and the *Nieuwe telkonst* [11], containing a shortened version of Briggs’ *Arithmetica logarithmica*, as well as a translation of Gunter’s table of logarithms of sines and tangents. Both books had as their sole author De Decker who announced another more complete work, the *Tweede deel*, which for a long time had seemed never to have been published.

The *Tweede deel* [12] was published in 1627, but only two or three copies of it seem to have survived, for reasons which are still not totally clear, and that we have tried to expose in our study of Vlacq’s 1628 table [41]. It was only in 1920 that the *Tweede deel* was really rediscovered. It contained a table of the logarithms from 1 to 100000 to 10 decimal places.

The same table was republished by Vlacq in 1628, with Briggs’ introduction to his *Arithmetica logarithmica* [6], and without any mention of De Decker’s work or involvement [52]. Between 1628 and 1920, Vlacq was therefore considered as the author of a work of which he was only a participant, albeit one that did a great share of work.

The work on the *Arithmetica logarithmica*, of which he was actually the publisher (with Rammazeyn being the printer), apparently led Vlacq to learn enough mathematics to compute tables by himself.

2 Vlacq’s first trigonometric table (1628)

A large part of De Decker’s 1627 table was computed by Vlacq, as acknowledged by De Decker in his preface [12]. In 1628, Vlacq added a table at the end of the *Arithmetica logarithmica*, containing a canon of logarithms of trigonometric functions. This canon gave the logarithms of the six trigonometric functions to 10 places for every minute of the quadrant. Like Gunter’s table, this table actually gave the values of $10 + \log \sin$, $10 + \log \cos$, $10 + \log \tan$, and $10 + \log \cot$. It does not, however, use a radius of 10^{11} as claimed by Vlacq and copied by others [37, p. 156].

This table extended Gunter's table which gave the logarithms of sines and tangents to 7 places for every minute [27] and it prefigured Vlacq's 1633 *Trigonometria artificialis* [53]. It was presumably computed by Vlacq who only needed to compute the logarithms of sines from 0° to 45° . Vlacq explained his method of construction in the preface of the *Arithmetica logarithmica*. He actually based himself on Pitiscus' *Thesaurus mathematicus* [38], computing logarithms of known sines using the radix method.¹

If $\log \sin \alpha$ has been computed for $\alpha \geq 45^\circ$, then we can use $\log \sin \alpha = \log \sin 2\alpha + \log \sin 30^\circ - \log \sin(90^\circ - \alpha)$ for $\alpha < 45^\circ$ and the logarithms of tangents and secants can be obtained with

$$\begin{aligned}\log \tan \alpha &= \log \sin \alpha - \log \sin(90^\circ - \alpha) \\ \log \sec \alpha &= -\log \sin(90^\circ - \alpha)\end{aligned}$$

Such a method does however lead to an accumulation of errors. Delambre writes that sometimes eight logarithms were used to compute a new one, which causes the last decimal to be sometimes incorrect [13, vol. 2, p. 421].

3 The *Trigonometria artificialis* (1633)

Immediately after the completion of the *Arithmetica logarithmica* (1628), Vlacq must have planned to extend this table and construct a more complete table. This was to be the *Trigonometria artificialis*. This table, completed in 1630 [21, p. 298], was only published in 1633. It gave the logarithms of the six trigonometric functions to 10 places every 10 seconds of the quadrant.

The *Trigonometria artificialis* also contains the logarithms of numbers 1–20000 taken from Vlacq's *Arithmetica logarithmica* (1628).

3.1 The introduction to the tables

At about the same time as Vlacq, Briggs' *Trigonometria britannica* [7] was completed and also printed at Gouda in 1633 by the same printer.

Given what Vlacq did with the *Arithmetica logarithmica*, it is not surprising to learn that he also copied almost 50 pages from the *Trigonometria britannica* without giving any credit to Briggs [37, p. 159]. But, as shown below, Vlacq did not copy Briggs' tables.

In any case, the identity of the introductions may explain why, according to Miller [37, p. 159], there are two slightly different title pages, one where the borrowing of *Trigonometria britannica* is acknowledged, and another where it is not.

3.2 The sexagesimal division

Briggs' *Trigonometria britannica* (1633) [7] uses a centesimal division of the degrees, and since this is Briggs' first and only trigonometric canon, there was no prior table by

¹This was also observed by Delambre [13, vol. 2, p. 421], Glaisher [23, pp. 442–443] and Wolf [57, vol. 1, pp. 169–175].

him with a similar division. It is likely that Vlacq took the traditional direction for the *Trigonometria artificialis* (1633) [53], probably without knowing that Briggs would divide the degrees centesimally. We can theorize that Vlacq would have switched to the centesimal division, had he known of Briggs' projects soon enough, but Vlacq had probably learned of it too late for undertaking such a major change in the division of the angles.

Glaisher considered that if Vlacq had done the same in his *Trigonometria artificialis* (1633) [53], the switch to a centesimal division might have been easier [21, pp. 301–302], because all the later tables eventually were based on Vlacq's tables. He was the last person who really could have made the switch to a centesimal division possible.

3.3 The construction of the tables

As far as we are aware, there have been very few investigations into the methods employed by Vlacq to construct his trigonometric tables. Only two articles shed a light in this area, namely Gauss' remarks published in 1851 [18] and Glaisher's further researches spurred by Gauss and published in 1873 [23].

Gauss had a closer look at the trigonometric part of Vega's *Thesaurus logarithmorum completus* [51]. These tables reproduce Vlacq's tables from 2° to 45° , giving the logarithms of the trigonometric functions every 10 seconds. From 0° to 2° , the functions were interpolated for every second by Lieutenant Dorfmund, under Vega's direction.

Gauss noticed "that the tabular results in the sine column were almost without exception equal to the sum of the corresponding tabular results in the cosine and tangent columns." [23, p. 440] However, if each value had been computed independently and correctly rounded, this relation should only hold on average in three cases out of four.² For instance, considering the equalities $a + b = c$, rounding a , b and c will break the relation in certain cases: $0.13 + 0.24 = 0.37$, but $0.1 + 0.2 \neq 0.4$.

Moreover, Gauss observed that Vlacq's logarithmic tangents are the most inaccurate, and that the logarithmic cosines are more accurate than the logarithmic sines. From this, Gauss concluded that the logarithmic tangents had been obtained from the logarithmic sines and cosines. Gauss thought that the logarithmic cosines were more accurate because the interpolation was simpler for them.

In fact, Vlacq explained in his preface how the tables were constructed [23, p. 441], but Gauss failed to notice it, perhaps because he did not have access to Vlacq's original volume and only to Vega's *Thesaurus*.

Vlacq first computed the logarithms of the cosines from 0° to 45° . This was done using the sines given by Rheticus in the *Opus palatinum* (1596) [40] where they are tabulated to 10 decimal places every 10 seconds, the same step as the one used by Vlacq. There are $45 \times 60 \times 6 = 16200$ logarithms and they could have been computed using Briggs' radix method. If these logarithms were computed over a period of two years, they represented about 20 logarithms computed per day, a number which could have been reduced if the computations were split between several computers.

²See Glaisher for a simple justification of this proportion [23, pp. 447–448].

The logarithms of the cosines were then used to compute the logarithms of the sines from 0° to 45° using the formula given above

$$\begin{aligned}\log \sin x &= \log \sin 2x + \log \sin 30^\circ - \log \sin(90^\circ - x) \\ &= \log \cos(90^\circ - 2x) - \log \cos x - \log 2\end{aligned}$$

The logarithms of the tangents were then obtained with

$$\log \tan x = \log \sin x - \log \cos x$$

and the logarithms of the cotangents, secants and cosecants were easily derived from them.

Moreover, Glaisher observed that Briggs' and Vlacq's calculations were independent and that Vlacq did not copy some values from Briggs' *Trigonometria britannica* [7].³ This follows from the fact that the values which are common to both tables are those corresponding to angles multiples of $3'$, and that Vlacq's *Trigonometria artificialis* coincides with the trigonometric values given in Vlacq's *Arithmetica logarithmica* for all minutes, as checked by Glaisher [23, p. 444]. In other words, these values have not been copied from Briggs, and the other values are not found in Briggs' table.

3.4 The 20 first chiliades of the *Arithmetica logarithmica*

In addition to the trigonometric part, the *Trigonometria artificialis* contains a copy of the first 20 chiliades (1–20000) of the *Arithmetica logarithmica*, with an errata.⁴

4 Errors

A number of errors were naturally given by Vega and the erratas to Vega's tables may be useful for Vlacq's tables. A list of errors in Vlacq's 1633 table appears in Delambre's *Histoire de l'astronomie moderne* [13, vol.2, pp. 428–432]. Delambre compared the common values, every $3'$. Some errors in the *Trigonometria artificialis* were also given by Andoyer in 1911 [1]. More recently, an overview of the erratas of Vega's and Vlacq's tables was given by Fletcher *et al.* [16, pp. 919–925].

It is not our purpose to give here a list of all the errors in the original manuscript, but our reconstruction might drive another enthusiast to compile an updated list of all errors in the *Trigonometria artificialis*. As an illustration to the real accuracy of Vlacq's tables, we consider the first twelve values of $\log \sin$, for which the error can reach up to four units of the last place:

³Delambre had also analyzed the accuracy of the *Trigonometria artificialis* [13, vol. 2, p. 423] and concluded that Vlacq had made use of Rheticus' table [13, vol. 2, p. 426], and not of Briggs' table, from which he could have interpolated.

⁴The copy of Vlacq's *Arithmetica logarithmica* from the Complutense University of Madrid is available on *google books* (id: -XR-2oDEb9oC), but it only contains the Latin introduction, the trigonometric supplement, as well as the fragment of the logarithms of numbers which was appended to Vlacq's *Trigonometria artificialis*. This may be the result of a binding error.

Vlacq	exact
5,68557 48665	5,68557 48667
5,98660 48617	5,98660 48618
6,16269 61198	6,16269 61200
6,28763 48554	6,28763 48554
6,38454 48673	6,38454 48669
6,46372 61109	6,46372 61111
6,53067 28985	6,53067 28985
6,58866 48429	6,58866 48429
6,63981 73623	6,63981 73625
6,68557 48502	6,68557 48498
6,72696 75316	6,72696 75314
6,76475 60882	6,76475 60884

5 Vlacq-based tables

Almost all the tables of logarithms published after Vlacq’s *Arithmetica logarithmica* and *Trigonometria artificialis* until the 20th century were based on them, with various corrections, extensions, or simplifications.

As a most curious example, the 1628 *Arithmetica logarithmica* and Vlacq’s 1633 trigonometric table were even used as a basis for the Chinese tables of logarithms published around 1720 [48].

Probably the most popular such tables were those of Vega [2, 15], which went into many editions. Vega’s great *Thesaurus logarithmorum completus* [51] published in 1794 gave the logarithms to 10 places, borrowing them from Vlacq from 1 to 100000, and perhaps from Briggs from 100000 to 101000. The logarithms of trigonometric functions were taken from Vlacq’s *Trigonometria artificialis*, only extending them for the first degree of the trigonometric functions.

6 Structure of the tables and recomputation

The original *Trigonometria artificialis* contains an introduction of 52 pages, followed by a first section of tables for the logarithms of the trigonometric functions. This section is followed by a second one which is an excerpt of Vlacq’s *Arithmetica logarithmica*, but only from 1 to 20000. The last page of that table, for the interval 19951–20000, has been reset and is followed by an errata. This section is actually a leftover from the *Arithmetica logarithmica*, as proven by the signatures of the pages, which have also been reproduced here. The signatures of the first part were not reproduced.

These two tables are reproduced here. The tables were recomputed using the GNU `mpfr` multiple-precision floating-point library developed at INRIA [17], and give the exact values. The comparison of our table and Vlacq’s will therefore immediately show where Vlacq’s table contains errors, and this is of course one of the purposes of this reconstruction. Apart from the change in accuracy, we have tried to be as faithful as possible to

the original tables. Among the slight changes, we mention the uniformization of headers. In the original table, there are sometimes variations from one page to the other and these idiosyncrasies were not included here. A few values have also been changed for a purpose of uniformity. The first logarithms of sines and tangents were 0 in Vlacq's table, and we have written *Infinita* instead, like for the logarithm of the first cotangent. The corresponding differences which had been left empty by Vlacq were also adapted. In the second table, only the first difference was missing and was supplied.

References

The following list covers the most important references⁵ related to Vlacq's tables. Not all items of this list are mentioned in the text, and the sources which have not been seen are marked so. We have added notes about the contents of the articles in certain cases.

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⁵**Note on the titles of the works:** Original titles come with many idiosyncrasies and features (line splitting, size, fonts, etc.) which can often not be reproduced in a list of references. It has therefore seemed pointless to capitalize works according to conventions which not only have no relation with the original work, but also do not restore the title entirely. In the following list of references, most title words (except in German) will therefore be left uncapitalized. The names of the authors have also been homogenized and initials expanded, as much as possible.

The reader should keep in mind that this list is not meant as a facsimile of the original works. The original style information could no doubt have been added as a note, but we have not done it here.

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MAGNVS CANON
TRIANGVLORVM,

Continens LOGARITHMOS Sinuum
& Tangentium ad dena Scrupu-
la Secunda.

0		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
0	0	<i>Infinita</i>	<i>Infinita</i>	10,00000,00000	5		<i>Infinita</i>	<i>Infinita</i>	<i>Infinita</i>	o	60
1	10	5,68557,48667	30102,99951	9,99999,99995	15		5,68557,48672	30102,99966	14,31442,51328	50	59
	20	5,98660,48618	17609,12582	9,99999,99980	26		5,98660,48638	17609,12608	14,01339,51362	40	
	30	6,16269,61200	12493,87354	9,99999,99954	36		6,16269,61246	12493,87390	13,83730,38754	30	
	40	6,28763,48554	9691,00115	9,99999,99918	46		6,28763,48636	9691,00161	13,71236,51364	20	
	50	6,38454,48669	7918,12442	9,99999,99872	56		6,38454,48797	7918,12498	13,61545,51203	10	
2	0	6,46372,61111	6694,67874	9,99999,99816	66		6,46372,61295	6694,67940	13,53627,38705	0	58
	10	6,53067,28985	5799,19444	9,99999,99750	77		6,53067,29235	5799,19521	13,46932,70765	50	
	20	6,58866,48429	5115,25196	9,99999,99673	86		6,58866,48756	5115,25282	13,41133,51244	40	
	30	6,63981,73625	4575,74873	9,99999,99587	97		6,63981,74038	4575,74970	13,36018,25962	30	
	40	6,68557,48498	4139,26816	9,99999,99490	108		6,68557,49008	4139,26924	13,31442,50992	20	
3	50	6,72696,75314	3778,85570	9,99999,99382	117		6,72696,75932	3778,85687	13,27303,24068	10	57
	0	6,76475,60884	3476,21020	9,99999,99265	128		6,76475,61619	3476,21147	13,23524,38381	0	
	10	6,79951,81904	3218,46788	9,99999,99137	137		6,79951,82766	3218,46926	13,20048,17234	50	
	20	6,83170,28692	2996,32184	9,99999,99000	148		6,83170,29692	2996,32332	13,16829,70308	40	
	30	6,86166,60876	2802,87183	9,99999,98852	159		6,86166,62024	2802,87342	13,13833,37976	30	
4	40	6,88969,48059	2632,89331	9,99999,98693	168		6,88969,49366	2632,89499	13,11030,50634	20	56
	50	6,91602,37390	2482,35778	9,99999,98525	179		6,91602,38865	2482,35957	13,08397,61135	10	
	0	6,94084,73168	2348,10896	9,99999,98346	189		6,94084,74822	2348,11084	13,05915,25178	0	
	10	6,96432,84064	2227,63880	9,99999,98157	199		6,96432,85906	2227,64080	13,03567,14094	50	
	20	6,98660,47944	2118,92921	9,99999,97958	209		6,98660,49986	2118,93130	13,01339,50014	40	
5	30	7,00779,40865	2020,33788	9,99999,97749	219		7,00779,43116	2020,34007	12,99220,56884	30	55
	40	7,02799,74653	1930,51475	9,99999,97530	230		7,02799,77123	1930,51705	12,97200,22877	20	
	50	7,04730,26128	1848,33977	9,99999,97300	240		7,04730,28828	1848,34217	12,95269,71172	10	
	0	7,06578,60105	1772,87587	9,99999,97060	250		7,06578,63045	1772,87837	12,93421,36955	0	
	10	7,08351,47692	1703,33306	9,99999,96810	260		7,08351,50882	1703,33566	12,91648,49118	50	
6	20	7,10054,80998	1639,04072	9,99999,96550	271		7,10054,84448	1639,04342	12,89945,15552	40	54
	30	7,11693,85070	1579,42578	9,99999,96279	280		7,11693,88790	1579,42859	12,88306,11210	30	
	40	7,13273,27648	1523,99568	9,99999,95999	291		7,13273,31649	1523,99860	12,86726,68351	20	
	50	7,14797,27216	1472,32468	9,99999,95708	302		7,14797,31509	1472,32769	12,85202,68491	10	
	0	7,16269,59684	1424,04288	9,99999,95406	311		7,16269,64278	1424,04598	12,83730,35722	0	
7	10	7,17693,63972	1378,82737	9,99999,95095	321		7,17693,68876	1378,83060	12,82306,31124	50	53
	20	7,19072,46709	1336,39505	9,99999,94774	332		7,19072,51936	1336,39836	12,80927,48064	40	
	30	7,20408,86214	1296,49658	9,99999,94442	342		7,20408,91772	1296,50000	12,79591,08228	30	
	40	7,21705,35872	1258,91156	9,99999,94100	352		7,21705,41772	1258,91508	12,78294,58228	20	
	50	7,22964,27028	1223,44443	9,99999,93748	363		7,22964,33280	1223,44806	12,77035,66720	10	
8	0	7,24187,71471	1189,92109	9,99999,93385	372		7,24187,78086	1189,92481	12,75812,21914	0	52
	10	7,25377,63580	1158,18598	9,99999,93013	383		7,25377,70567	1158,18981	12,74622,29433	50	
	20	7,26535,82178	1128,09973	9,99999,92630	393		7,26535,89548	1128,10366	12,73464,10452	40	
	30	7,27663,92151	1099,53708	9,99999,92237	403		7,27663,99914	1099,54112	12,72336,00086	30	
	40	7,28763,45859	1072,38517	9,99999,91834	414		7,28763,54026	1072,38929	12,71236,45974	20	
9	50	7,29835,84376	1046,54195	9,99999,91420	423		7,29835,92955	1046,54619	12,70164,07045	10	51
	0	7,30882,38571	1021,91507	9,99999,90997	434		7,30882,47574	1021,91941	12,69117,52426	0	
	10	7,31904,30078	998,42061	9,99999,90563	444		7,31904,39515	998,42506	12,68095,60485	50	
	20	7,32902,72139	975,98222	9,99999,90119	454		7,32902,82021	975,98675	12,67097,17979	40	
	30	7,33878,70361	954,53024	9,99999,89665	465		7,33878,80696	954,53489	12,66121,19304	30	
10	40	7,34833,23385	934,00104	9,99999,89200	475		7,34833,34185	934,00579	12,65166,65815	20	50
	50	7,35767,23489	914,33633	9,99999,88725	484		7,35767,34764	914,34118	12,64232,65236	10	
	0	7,36681,57122	895,48262	9,99999,88241	496		7,36681,68882	895,48756	12,63318,31118	0	
	10	7,37577,05384	877,39074	9,99999,87745	505		7,37577,17638	877,39580	12,62422,82362	50	
	20	7,38454,44458	860,01546	9,99999,87240	515		7,38454,57218	860,02061	12,61545,42782	40	
	30	7,39314,46004	843,31500	9,99999,86725	526		7,39314,59279	843,32026	12,60685,40721	30	50
	40	7,40157,77504	827,25081	9,99999,86199	536		7,40157,91305	827,25617	12,59842,08695	20	
	50	7,40985,02585	811,78720	9,99999,85663	546		7,40985,16922	811,79267	12,59014,83078	10	
	0	7,41796,81305	796,89112	9,99999,85117	556		7,41796,96189	796,89667	12,58203,03811	0	
	10	7,42593,70417	782,53186	9,99999,84561	567		7,42593,85856	782,53753	12,57406,14144	50	
	20	7,43376,23603	768,68094	9,99999,83994	577		7,43376,39609	768,68671	12,56623,60391	40	50
	30	7,44144,91697	755,31184	9,99999,83417	587		7,44145,08280	755,31770	12,55854,91720	30	
	40	7,44900,22881	742,39981	9,99999,82830	597		7,44900,40050	742,40579	12,55099,59950	20	
	50	7,45642,62862	729,92185	9,99999,82233	607		7,45642,80629	729,92793	12,54357,19371	10	
	0	7,46372,55047	717,85641	9,99999,81626	618		7,46372,73422	717,86257	12,53627,26578	0	
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	7,46372,55047		9,99999,81626		7,46372,73422		12,53627,26578	0	50
	10	7,47090,40688	717,85641	9,99999,81008	618	7,47090,59679	717,86257	12,52909,40321	50	
	20	7,47796,59023	706,18335	9,99999,80380	628	7,47796,78643	706,18964	12,52203,21357	40	
	30	7,48491,47410	694,88387	9,99999,79743	637	7,48491,67668	694,89025	12,51508,32332	30	
	40	7,49175,41440	683,94030	9,99999,79094	649	7,49175,62345	683,94677	12,50824,37655	20	
	50	7,49848,75047	673,33607	9,99999,78436	658	7,49848,96611	673,34266	12,50151,03389	10	
11	0	7,50511,80613	663,05566	9,99999,77767	669	7,50512,02845	663,06234	12,49487,97155	0	49
	10	7,51164,89058	653,08445	9,99999,77088	679	7,51165,11970	653,09125	12,48834,88030	50	
	20	7,51808,29928	643,40870	9,99999,76399	689	7,51808,53529	643,41559	12,48191,46471	40	
	30	7,52442,31476	634,01548	9,99999,75700	699	7,52442,55775	634,02246	12,47557,44225	30	
	40	7,53067,20732	624,89256	9,99999,74991	709	7,53067,45741	624,89966	12,46932,54259	20	
	50	7,53683,23579	616,02847	9,99999,74271	720	7,53683,49308	616,03567	12,46316,50692	10	
12	0	7,54290,64813	607,41234	9,99999,73541	730	7,54290,91272	607,41964	12,45709,08728	0	48
	10	7,54889,68203	599,03390	9,99999,72801	740	7,54889,95402	599,04130	12,45110,04598	50	
	20	7,55480,56549	590,88346	9,99999,72051	750	7,55480,84498	590,89096	12,44519,15502	40	
	30	7,56063,51732	582,95183	9,99999,71290	761	7,56063,80442	582,95944	12,43936,19558	30	
	40	7,56638,74764	575,23032	9,99999,70520	770	7,56639,04245	575,23803	12,43360,95755	20	
	50	7,57206,45833	567,71069	9,99999,69739	781	7,57206,76094	567,71849	12,42793,23906	10	
13	0	7,57766,84344	560,38511	9,99999,68948	791	7,57767,15397	560,39303	12,42232,84603	0	47
	10	7,58320,08963	553,24619	9,99999,68146	802	7,58320,40817	553,25420	12,41679,59183	50	
	20	7,58866,37650	546,28687	9,99999,67335	811	7,58866,70315	546,29498	12,41133,29685	40	
	30	7,59405,87695	539,50045	9,99999,66513	822	7,59406,21182	539,50867	12,40593,78818	30	
	40	7,59938,75752	532,88057	9,99999,65681	832	7,59939,10071	532,88889	12,40060,89929	20	
	50	7,60465,17872	526,42120	9,99999,64839	842	7,60465,53033	526,42962	12,39534,46967	10	
14	0	7,60985,29524	520,11652	9,99999,63987	852	7,60985,65538	520,12505	12,39014,34462	0	46
	10	7,61499,25633	513,96109	9,99999,63124	863	7,61499,62509	513,96971	12,38500,37491	50	
	20	7,62007,20598	507,94965	9,99999,62251	873	7,62007,58347	507,95838	12,37992,41653	40	
	30	7,62509,28317	502,07719	9,99999,61368	883	7,62509,66949	502,08602	12,37490,33051	30	
	40	7,63005,62215	496,33898	9,99999,60475	893	7,63006,01740	496,34791	12,36993,98260	20	
	50	7,63496,35259	490,73044	9,99999,59572	903	7,63496,75687	490,73947	12,36503,24313	10	
15	0	7,63981,59982	485,24723	9,99999,58658	914	7,63982,01324	485,25637	12,36017,98676	0	45
	10	7,64461,48503	479,88521	9,99999,57734	924	7,64461,90769	479,89445	12,35538,09231	50	
	20	7,64936,12542	474,64039	9,99999,56800	934	7,64936,55742	474,64973	12,35063,44258	40	
	30	7,65405,63439	469,50897	9,99999,55856	944	7,65406,07583	469,51841	12,34593,92417	30	
	40	7,65870,12171	464,48732	9,99999,54902	954	7,65870,57270	464,49687	12,34129,42730	20	
	50	7,66329,69367	459,57196	9,99999,53937	965	7,66330,15430	459,58160	12,33669,84570	10	
16	0	7,66784,45319	454,75952	9,99999,52962	975	7,66784,92357	454,76927	12,33215,07643	0	44
	10	7,67234,50003	450,04684	9,99999,51977	985	7,67234,98026	450,05669	12,32765,01974	50	
	20	7,67679,93086	445,43083	9,99999,50982	995	7,67680,42104	445,44078	12,32319,57896	40	
	30	7,68120,83940	440,90854	9,99999,49976	1006	7,68121,33963	440,91859	12,31878,66037	30	
	40	7,68557,31655	436,47715	9,99999,48961	1015	7,68557,82695	436,48732	12,31442,17305	20	
	50	7,68989,45051	432,13396	9,99999,47935	1026	7,68989,97116	432,14421	12,31010,02884	10	
17	0	7,69417,32685	427,87634	9,99999,46899	1036	7,69417,85787	427,88671	12,30582,14213	0	43
	10	7,69841,02866	423,70181	9,99999,45852	1047	7,69841,57014	423,71227	12,30158,42986	50	
	20	7,70260,63660	419,60794	9,99999,44796	1056	7,70261,18864	419,61850	12,29738,81136	40	
	30	7,70676,22902	415,59242	9,99999,43729	1067	7,70676,79173	415,60309	12,29323,20827	30	
	40	7,71087,88205	411,65303	9,99999,42652	1077	7,71088,45553	411,66380	12,28911,54447	20	
	50	7,71495,66967	407,78762	9,99999,41565	1087	7,71496,25402	407,79849	12,28503,74598	10	
18	0	7,71899,66379	403,99412	9,99999,40468	1097	7,71900,25911	404,00509	12,28099,74089	0	42
	10	7,72299,93434	400,27055	9,99999,39360	1108	7,72300,54074	400,28163	12,27699,45926	50	
	20	7,72696,54934	396,61500	9,99999,38242	1118	7,72697,16692	396,62618	12,27302,83308	40	
	30	7,73089,57494	393,02560	9,99999,37114	1128	7,73090,20380	393,03688	12,26909,79620	30	
	40	7,73479,07554	389,50060	9,99999,35976	1138	7,73479,71578	389,51198	12,26520,28422	20	
	50	7,73865,11379	386,03825	9,99999,34828	1148	7,73865,76551	386,04973	12,26134,23449	10	
19	0	7,74247,75071	382,63692	9,99999,33669	1159	7,74248,41402	382,64851	12,25751,58598	0	41
	10	7,74627,04572	379,29501	9,99999,32500	1169	7,74627,72072	379,30670	12,25372,27928	50	
	20	7,75003,05668	376,01096	9,99999,31321	1179	7,75003,74346	376,02274	12,24996,25654	40	
	30	7,75375,83996	372,78328	9,99999,30132	1189	7,75376,53864	372,79518	12,24623,46136	30	
	40	7,75745,45052	369,61056	9,99999,28933	1199	7,75746,16120	369,62256	12,24253,83880	20	
	50	7,76111,94190	366,49138	9,99999,27723	1210	7,76112,66467	366,50347	12,23887,33533	10	
20	0	7,76475,36630	363,42440	9,99999,26503	1220	7,76476,10127	363,43660	12,23523,89873	0	40
			360,40833		1230		360,42062			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	7,76475,36630		9,99999,26503		7,76476,10127		12,23523,89873	0	40
	10	7,76835,77463	360,40833	9,99999,25273	1230	7,76836,52189	360,42062	12,23163,47811	50	
	20	7,77193,21653	357,44190	9,99999,24033	1240	7,77193,97620	357,45431	12,22806,02380	40	
	30	7,77547,74044	354,52391	9,99999,22782	1251	7,77548,51261	354,53641	12,22451,48739	30	
	40	7,77899,39361	351,65317	9,99999,21522	1260	7,77900,17839	351,66578	12,22099,82161	20	
	50	7,78248,22215	348,82854	9,99999,20251	1271	7,78249,01965	348,84126	12,21750,98035	10	
21	0	7,78594,27109	346,04894	9,99999,18970	1281	7,78595,08140	346,06175	12,21404,91860	0	39
	10	7,78937,58437	343,31328	9,99999,17678	1292	7,78938,40759	343,32619	12,21061,59241	50	
	20	7,79278,20490	340,62053	9,99999,16377	1301	7,79279,04114	340,63355	12,20720,95886	40	
	30	7,79616,17460	337,96970	9,99999,15065	1312	7,79617,02395	337,98281	12,20382,97605	30	
	40	7,79951,53439	335,35979	9,99999,13743	1322	7,79952,39696	335,37301	12,20047,60304	20	
	50	7,80284,32429	332,78990	9,99999,12411	1332	7,80285,20018	332,80322	12,19714,79982	10	
22	0	7,80614,58337	330,25908	9,99999,11069	1342	7,80615,47268	330,27250	12,19384,52732	0	38
	10	7,80942,34983	327,76646	9,99999,09716	1353	7,80943,25267	327,77999	12,19056,74733	50	
	20	7,81267,66103	325,31120	9,99999,08353	1363	7,81268,57750	325,32483	12,18731,42250	40	
	30	7,81590,55347	322,89244	9,99999,06980	1373	7,81591,48366	322,90616	12,18408,51634	30	
	40	7,81911,06285	320,50938	9,99999,05597	1383	7,81912,00687	320,52321	12,18087,99313	20	
	50	7,82229,22408	318,16123	9,99999,04204	1393	7,82230,18204	318,17517	12,17769,81796	10	
23	0	7,82545,07133	315,84725	9,99999,02800	1404	7,82546,04332	315,86128	12,17453,95668	0	37
	10	7,82858,63800	313,56667	9,99999,01386	1414	7,82859,62413	313,58081	12,17140,37587	50	
	20	7,83169,95679	311,31879	9,99998,99962	1424	7,83170,95717	311,33304	12,16829,04283	40	
	30	7,83479,05971	309,10292	9,99998,98528	1434	7,83480,07443	309,11726	12,16519,92557	30	
	40	7,83785,97807	306,91836	9,99998,97084	1444	7,83787,00723	306,93280	12,16212,99277	20	
	50	7,84090,74253	304,76446	9,99998,95629	1455	7,84091,78624	304,77901	12,15908,21376	10	
24	0	7,84393,38311	302,64058	9,99998,94164	1465	7,84394,44147	302,65523	12,15605,55853	0	36
	10	7,84693,92921	300,54610	9,99998,92689	1475	7,84695,00231	300,56084	12,15304,99769	50	
	20	7,84992,40961	298,48040	9,99998,91204	1485	7,84993,49757	298,49526	12,15006,50243	40	
	30	7,85288,85252	296,44291	9,99998,89708	1496	7,85289,95544	296,45787	12,14710,04456	30	
	40	7,85583,28557	294,43305	9,99998,88203	1505	7,85584,40354	294,44810	12,14415,59646	20	
	50	7,85875,73582	292,45025	9,99998,86687	1516	7,85876,86895	292,46541	12,14123,13105	10	
25	0	7,86166,22979	290,49397	9,99998,85161	1526	7,86167,37819	290,50924	12,13832,62181	0	35
	10	7,86454,79350	288,56371	9,99998,83624	1537	7,86455,95725	288,57906	12,13544,04275	50	
	20	7,86741,45241	286,65891	9,99998,82078	1546	7,86742,63163	286,67438	12,13257,36837	40	
	30	7,87026,23150	284,77909	9,99998,80521	1557	7,87027,42629	284,79466	12,12972,57371	30	
	40	7,87309,15528	282,92378	9,99998,78954	1567	7,87310,36574	282,93945	12,12689,63426	20	
	50	7,87590,24776	281,09248	9,99998,77377	1577	7,87591,47399	281,10825	12,12408,52601	10	
26	0	7,87869,53249	279,28473	9,99998,75790	1587	7,87870,77459	279,30060	12,12129,22541	0	34
	10	7,88147,03257	277,50008	9,99998,74192	1598	7,88148,29065	277,51606	12,11851,70935	50	
	20	7,88422,77066	275,73809	9,99998,72584	1608	7,88424,04482	275,75417	12,11575,95518	40	
	30	7,88696,76901	273,99835	9,99998,70966	1618	7,88698,05934	274,01452	12,11301,94066	30	
	40	7,88969,04941	272,28040	9,99998,69338	1628	7,88970,35603	272,29669	12,11029,64397	20	
	50	7,89239,63329	270,58388	9,99998,67700	1638	7,89240,95629	270,60026	12,10759,04371	10	
27	0	7,89508,54164	268,90835	9,99998,66051	1649	7,89509,88113	268,92484	12,10490,11887	0	33
	10	7,89775,79510	267,25346	9,99998,64392	1659	7,89777,15118	267,27005	12,10222,84882	50	
	20	7,90041,41390	265,61880	9,99998,62723	1669	7,90042,78667	265,63549	12,09957,21333	40	
	30	7,90305,41792	264,00402	9,99998,61044	1679	7,90306,80748	264,02081	12,09693,19252	30	
	40	7,90567,82667	262,40875	9,99998,59355	1689	7,90569,23313	262,42565	12,09430,76687	20	
	50	7,90828,65932	260,83265	9,99998,57655	1700	7,90830,08277	260,84964	12,09169,91723	10	
28	0	7,91087,93468	259,27536	9,99998,55945	1710	7,91089,37522	259,29245	12,08910,62478	0	32
	10	7,91345,67123	257,73655	9,99998,54225	1720	7,91347,12898	257,75376	12,08652,87102	50	
	20	7,91601,88714	256,21591	9,99998,52495	1730	7,91603,36219	256,23321	12,08396,63781	40	
	30	7,91856,60024	254,71310	9,99998,50755	1740	7,91858,09270	254,73051	12,08141,90730	30	
	40	7,92109,82806	253,22782	9,99998,49004	1751	7,92111,33802	253,24532	12,07888,66198	20	
	50	7,92361,58781	251,75975	9,99998,47243	1761	7,92363,11538	251,77736	12,07636,88462	10	
29	0	7,92611,89642	250,30861	9,99998,45472	1771	7,92613,44170	250,32632	12,07386,55830	0	31
	10	7,92860,77052	248,87410	9,99998,43691	1781	7,92862,33362	248,89192	12,07137,66638	50	
	20	7,93108,22647	247,45595	9,99998,41899	1792	7,93109,80748	247,47386	12,06890,19252	40	
	30	7,93354,28031	246,05384	9,99998,40097	1802	7,93355,87934	246,07186	12,06644,12066	30	
	40	7,93598,94787	244,66756	9,99998,38285	1812	7,93600,56502	244,68568	12,06399,43498	20	
	50	7,93842,24466	243,29679	9,99998,36463	1822	7,93843,88003	243,31501	12,06156,11997	10	
30	0	7,94084,18597	241,94131	9,99998,34631	1832	7,94085,83966	241,95963	12,05914,16034	0	30
			240,60083		1843		240,61926			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

0

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	7,94084,18597	240,60083	9,99998,34631	1843	7,94085,83966	240,61926	12,05914,16034	0	30
31	10	7,94324,78680	239,27514	9,99998,32788	1853	7,94326,45892	239,29366	12,05673,54108	50	29
	20	7,94564,06194	237,96396	9,99998,30935	1862	7,94565,75258	237,98260	12,05434,24742	40	
	30	7,94802,02590	236,66709	9,99998,29073	1874	7,94803,73518	236,68581	12,05196,26482	30	
	40	7,95038,69299	235,38426	9,99998,27199	1883	7,95040,42099	235,40310	12,04959,57901	20	
	50	7,95274,07725	234,11527	9,99998,25316	1894	7,95275,82409	234,13421	12,04724,17591	10	
32	0	7,95508,19252	232,85988	9,99998,23422	1904	7,95509,95830	232,87892	12,04490,04170	0	28
	10	7,95741,05240	231,61790	9,99998,21518	1914	7,95742,83722	231,63703	12,04257,16278	50	
	20	7,95972,67030	230,38907	9,99998,19604	1924	7,95974,47425	230,40832	12,04025,52575	40	
	30	7,96203,05937	229,17323	9,99998,17680	1934	7,96204,88257	229,19258	12,03795,11743	30	
	40	7,96432,23260	227,97015	9,99998,15746	1945	7,96434,07515	227,98959	12,03565,92485	20	
33	50	7,96660,20275	226,77963	9,99998,13801	1955	7,96662,06474	226,79918	12,03337,93526	10	27
	0	7,96886,98238	225,60148	9,99998,11846	1965	7,96888,86392	225,62113	12,03111,13608	0	
	10	7,97112,58386	224,43551	9,99998,09881	1975	7,97114,48505	224,45526	12,02885,51495	50	
	20	7,97337,01937	223,28152	9,99998,07906	1986	7,97338,94031	223,30138	12,02661,05969	40	
	30	7,97560,30089	222,13935	9,99998,05920	1995	7,97562,24169	222,15930	12,02437,75831	30	
34	40	7,97782,44024	221,00880	9,99998,03925	2006	7,97784,40099	221,02886	12,02215,59901	20	26
	50	7,98003,44904	219,88969	9,99998,01919	2016	7,98005,42985	219,90985	12,01994,57015	10	
	0	7,98223,33873	218,78186	9,99997,99903	2027	7,98225,33970	218,80212	12,01774,66030	0	
	10	7,98442,12059	217,68513	9,99997,97876	2036	7,98444,14182	217,70550	12,01555,85818	50	
	20	7,98659,80572	216,59936	9,99997,95840	2047	7,98661,84732	216,61983	12,01338,15268	40	
35	30	7,98876,40508	215,52434	9,99997,93793	2057	7,98878,46715	215,54491	12,01121,53285	30	25
	40	7,99091,92942	214,45996	9,99997,91736	2067	7,99094,01206	214,48063	12,00905,98794	20	
	50	7,99306,38938	213,40603	9,99997,89669	2077	7,99308,49269	213,42680	12,00691,50731	10	
	0	7,99519,79541	212,36240	9,99997,87592	2088	7,99521,91949	212,38328	12,00478,08051	0	
	10	7,99732,15781	211,32894	9,99997,85504	2098	7,99734,30277	211,34992	12,00265,69723	50	
36	20	7,99943,48675	210,30548	9,99997,83406	2108	7,99945,65269	210,32656	12,00054,34731	40	24
	30	8,00153,79223	209,29189	9,99997,81298	2118	8,00155,97925	209,31307	11,99844,02075	30	
	40	8,00363,08412	208,28802	9,99997,79180	2128	8,00365,29232	208,30931	11,99634,70768	20	
	50	8,00571,37214	207,29374	9,99997,77052	2139	8,00573,60163	207,31512	11,99426,39837	10	
	0	8,00778,66588	206,30889	9,99997,74913	2149	8,00780,91675	206,33038	11,99219,08325	0	
37	10	8,00984,97477	205,33337	9,99997,72764	2159	8,00987,24713	205,35495	11,99012,75287	50	23
	20	8,01190,30814	204,36702	9,99997,70605	2169	8,01192,60208	204,38872	11,98807,39792	40	
	30	8,01394,67516	203,40972	9,99997,68436	2179	8,01396,99080	203,43152	11,98603,00920	30	
	40	8,01598,08488	202,46136	9,99997,66257	2190	8,01600,42232	202,48325	11,98399,57768	20	
	50	8,01800,54624	201,52179	9,99997,64067	2200	8,01802,90557	201,54379	11,98197,09443	10	
38	0	8,02002,06803	200,59091	9,99997,61867	2210	8,02004,44936	200,61301	11,97995,55064	0	22
	10	8,02202,65894	199,66857	9,99997,59657	2220	8,02205,06237	199,69077	11,97794,93763	50	
	20	8,02402,32751	198,75469	9,99997,57437	2231	8,02404,75314	198,77700	11,97595,24686	40	
	30	8,02601,08220	197,84913	9,99997,55206	2241	8,02603,53014	197,87153	11,97396,46986	30	
	40	8,02798,93133	196,95178	9,99997,52965	2250	8,02801,40167	196,97430	11,97198,59833	20	
39	50	8,02995,88311	196,06254	9,99997,50715	2262	8,02998,37597	196,08515	11,97001,62403	10	21
	0	8,03191,94565	195,18129	9,99997,48453	2271	8,03194,46112	195,20400	11,96805,53888	0	
	10	8,03387,12694	194,30792	9,99997,46182	2281	8,03389,66512	194,33074	11,96610,33488	50	
	20	8,03581,43486	193,44234	9,99997,43901	2292	8,03583,99586	193,46526	11,96416,00414	40	
	30	8,03774,87720	192,58443	9,99997,41609	2302	8,03777,46112	192,60745	11,96222,53888	30	
40	40	8,03967,46163	191,73410	9,99997,39307	2312	8,03970,06857	191,75721	11,96029,93143	20	20
	50	8,04159,19573	190,89124	9,99997,36995	2323	8,04161,82578	190,91447	11,95838,17422	10	
	0	8,04350,08697	190,05576	9,99997,34672	2332	8,04352,74025	190,07908	11,95647,25975	0	
	10	8,04540,14273	189,22756	9,99997,32340	2343	8,04542,81933	189,25099	11,95457,18067	50	
	20	8,04729,37029	188,40654	9,99997,29997	2353	8,04732,07032	188,43007	11,95267,92968	40	
41	30	8,04917,77683	187,59263	9,99997,27644	2363	8,04920,50039	187,61626	11,95079,49961	30	19
	40	8,05105,36946	186,78570	9,99997,25281	2374	8,05108,11665	186,80944	11,94891,88335	20	
	50	8,05292,15516	185,98569	9,99997,22907	2383	8,05294,92609	186,00953	11,94705,07391	10	
	0	8,05478,14085	185,19251	9,99997,20524	2394	8,05480,93562	185,21644	11,94519,06438	0	
	10	8,05663,33336	184,40606	9,99997,18130	2404	8,05666,15206	184,43010	11,94333,84794	50	
42	20	8,05847,73942	183,62625	9,99997,15726	2415	8,05850,58216	183,65040	11,94149,41784	40	18
	30	8,06031,36567	182,85303	9,99997,13311	2424	8,06034,23256	182,87727	11,93965,76744	30	
	40	8,06214,21870	182,08627	9,99997,10887	2435	8,06217,10983	182,11062	11,93782,89017	20	
	50	8,06396,30497	181,32593	9,99997,08452	2445	8,06399,22045	181,35037	11,93600,77955	10	
	0	8,06577,63090	180,57190	9,99997,06007	2455	8,06580,57082	180,59646	11,93419,42918	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

0		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
M	S									
40	0	8,06577,63090	180,57190	9,99997,06007	2455	8,06580,57082	180,59646	11,93419,42918	0	20
41	10	8,06758,20280	179,82412	9,99997,03552	2465	8,06761,16728	179,84877	11,93238,83272	50	19
	20	8,06938,02692	179,08251	9,99997,01087	2475	8,06941,01605	179,10727	11,93058,98395	40	
	30	8,07117,10943	178,34699	9,99996,98612	2486	8,07120,12332	178,37184	11,92879,87668	30	
	40	8,07295,45642	177,61748	9,99996,96126	2496	8,07298,49516	177,64245	11,92701,50484	20	
	50	8,07473,07390	176,89392	9,99996,93630	2506	8,07476,13761	176,91898	11,92523,86239	10	
42	0	8,07649,96782	176,17623	9,99996,91124	2517	8,07653,05659	176,20139	11,92346,94341	0	18
	10	8,07826,14405	175,46434	9,99996,88607	2526	8,07829,25798	175,48960	11,92170,74202	50	
	20	8,08001,60839	174,75817	9,99996,86081	2537	8,08004,74758	174,78354	11,91995,25242	40	
	30	8,08176,36656	174,05767	9,99996,83544	2547	8,08179,53112	174,08314	11,91820,46888	30	
	40	8,08350,42423	173,36275	9,99996,80997	2557	8,08353,61426	173,38833	11,91646,38574	20	
43	50	8,08523,78698	172,67338	9,99996,78440	2568	8,08527,00259	172,69904	11,91472,99741	10	17
	0	8,08696,46036	171,98944	9,99996,75872	2577	8,08699,70163	172,01523	11,91300,29837	0	
	10	8,08868,44980	171,31092	9,99996,73295	2588	8,08871,71686	171,33679	11,91128,28314	50	
	20	8,09039,76072	170,63772	9,99996,70707	2598	8,09043,05365	170,66370	11,90956,94635	40	
	30	8,09210,39844	169,96980	9,99996,68109	2608	8,09213,71735	169,99588	11,90786,28265	30	
44	40	8,09380,36824	169,30707	9,99996,65501	2619	8,09383,71323	169,33326	11,90616,28677	20	16
	50	8,09549,67531	168,64950	9,99996,62882	2628	8,09553,04649	168,67579	11,90446,95351	10	
	0	8,09718,32481	167,99702	9,99996,60254	2639	8,09721,72228	168,02340	11,90278,27772	0	
	10	8,09886,32183	167,34956	9,99996,57615	2649	8,09889,74568	167,37605	11,90110,25432	50	
	20	8,10053,67139	166,70707	9,99996,54966	2660	8,10057,12173	166,73367	11,89942,87827	40	
45	30	8,10220,37846	166,06950	9,99996,52306	2669	8,10223,85540	166,09619	11,89776,14460	30	15
	40	8,10386,44796	165,43679	9,99996,49637	2680	8,10389,95159	165,46359	11,89610,04841	20	
	50	8,10551,88475	164,80887	9,99996,46957	2690	8,10555,41518	164,83577	11,89444,58482	10	
	0	8,10716,69362	164,18571	9,99996,44267	2700	8,10720,25095	164,21270	11,89279,74905	0	
	10	8,10880,87933	163,56723	9,99996,41567	2710	8,10884,46365	163,59434	11,89115,53635	50	
46	20	8,11044,44656	162,95341	9,99996,38857	2721	8,11048,05799	162,98061	11,88951,94201	40	14
	30	8,11207,39997	162,34416	9,99996,36136	2730	8,11211,03860	162,37148	11,88788,96140	30	
	40	8,11369,74413	161,73946	9,99996,33406	2741	8,11373,41008	161,76687	11,88626,58992	20	
	50	8,11531,48359	161,13925	9,99996,30665	2752	8,11535,17695	161,16675	11,88464,82305	10	
	0	8,11692,62284	160,54347	9,99996,27913	2761	8,11696,34370	160,57108	11,88303,65630	0	
47	10	8,11853,16631	159,95207	9,99996,25152	2772	8,11856,91478	159,97980	11,88143,08522	50	13
	20	8,12013,11838	159,36503	9,99996,22380	2781	8,12016,89458	159,39284	11,87983,10542	40	
	30	8,12172,48341	158,78227	9,99996,19599	2792	8,12176,28742	158,81020	11,87823,71258	30	
	40	8,12331,26568	158,20376	9,99996,16807	2803	8,12335,09762	158,23178	11,87664,90238	20	
	50	8,12489,46944	157,62945	9,99996,14004	2812	8,12493,32940	157,65757	11,87506,67060	10	
48	0	8,12647,09889	157,05929	9,99996,11192	2823	8,12650,98697	157,08752	11,87349,01303	0	12
	10	8,12804,15818	156,49325	9,99996,08369	2832	8,12808,07449	156,52157	11,87191,92551	50	
	20	8,12960,65143	155,93126	9,99996,05537	2844	8,12964,59606	155,95969	11,87035,40394	40	
	30	8,13116,58269	155,37329	9,99996,02693	2853	8,13120,55575	155,40183	11,86879,44425	30	
	40	8,13271,95598	154,81932	9,99995,99840	2863	8,13275,95758	154,84795	11,86724,04242	20	
49	50	8,13426,77530	154,26926	9,99995,96977	2874	8,13430,80553	154,29800	11,86569,19447	10	11
	0	8,13581,04456	153,72311	9,99995,94103	2884	8,13585,10353	153,75194	11,86414,89647	0	
	10	8,13734,76767	153,18080	9,99995,91219	2894	8,13738,85547	153,20975	11,86261,14453	50	
	20	8,13887,94847	152,64232	9,99995,88325	2904	8,13892,06522	152,67136	11,86107,93478	40	
	30	8,14040,59079	152,10759	9,99995,85421	2915	8,14044,73658	152,13674	11,85955,26342	30	
50	40	8,14192,69838	151,57662	9,99995,82506	2925	8,14196,87332	151,60586	11,85803,12668	20	10
	50	8,14344,27500	151,04932	9,99995,79581	2934	8,14348,47918	151,07867	11,85651,52082	10	
	0	8,14495,32432	150,52568	9,99995,76647	2946	8,14499,55785	150,55514	11,85500,44215	0	
	10	8,14645,85000	150,00566	9,99995,73701	2955	8,14650,11299	150,03521	11,85349,88701	50	
	20	8,14795,85566	149,48923	9,99995,70746	2966	8,14800,14820	149,51888	11,85199,85180	40	
	30	8,14945,34489	148,97632	9,99995,67780	2975	8,14949,66708	149,00609	11,85050,33292	30	
	40	8,15094,32121	148,46694	9,99995,64805	2986	8,15098,67317	148,49680	11,84901,32683	20	
	50	8,15242,78815	147,96102	9,99995,61819	2997	8,15247,16997	147,99098	11,84752,83003	10	
	0	8,15390,74917	147,45854	9,99995,58822	3006	8,15395,16095	147,48860	11,84604,83905	0	
	10	8,15538,20771	146,95945	9,99995,55816	3017	8,15542,64955	146,98962	11,84457,35045	50	
	20	8,15685,16716	146,46374	9,99995,52799	3026	8,15689,63917	146,49400	11,84310,36083	40	
	30	8,15831,63090	145,97135	9,99995,49773	3037	8,15836,13317	146,00173	11,84163,86683	30	
	40	8,15977,60225	145,48227	9,99995,46736	3048	8,15982,13490	145,51274	11,84017,86510	20	
	50	8,16123,08452	144,99645	9,99995,43688	3057	8,16127,64764	145,02702	11,83872,35236	10	
	0	8,16268,08097	144,51386	9,99995,40631	3068	8,16272,67466	144,54454	11,83727,32534	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

0		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
50	0	8,16268,08097		9,99995,40631		8,16272,67466		11,83727,32534	0	10
	10	8,16412,59483	144,51386	9,99995,37563	3068	8,16417,21920	144,54454	11,83582,78080	50	
	20	8,16556,62931	144,03448	9,99995,34485	3078	8,16561,28445	144,06525	11,83438,71555	40	
	30	8,16700,18757	143,55826	9,99995,31397	3088	8,16704,87360	143,58915	11,83295,12640	30	
	40	8,16843,27275	143,08518	9,99995,28299	3098	8,16847,98976	143,11616	11,83152,01024	20	
	50	8,16985,88796	142,61521	9,99995,25190	3109	8,16990,63606	142,64630	11,83009,36394	10	
51	0	8,17128,03628	142,14832	9,99995,22072	3118	8,17132,81557	142,17951	11,82867,18443	0	9
	10	8,17269,72075	141,68447	9,99995,18943	3129	8,17274,53133	141,71576	11,82725,46867	50	
	20	8,17410,94439	141,22364	9,99995,15804	3139	8,17415,78636	141,25503	11,82584,21364	40	
	30	8,17551,71019	140,76580	9,99995,12654	3150	8,17556,58365	140,79729	11,82443,41635	30	
	40	8,17692,02110	140,31091	9,99995,09495	3159	8,17696,92615	140,34250	11,82303,07385	20	
	50	8,17831,88005	139,85895	9,99995,06325	3170	8,17836,81680	139,89065	11,82163,18320	10	
52	0	8,17971,28995	139,40990	9,99995,03145	3180	8,17976,25850	139,44170	11,82023,74150	0	8
	10	8,18110,25367	138,96372	9,99994,99955	3190	8,18115,25412	138,99562	11,81884,74588	50	
	20	8,18248,77406	138,52039	9,99994,96754	3201	8,18253,80651	138,55239	11,81746,19349	40	
	30	8,18386,85393	138,07987	9,99994,93544	3210	8,18391,91849	138,11198	11,81608,08151	30	
	40	8,18524,49607	137,64214	9,99994,90323	3221	8,18529,59285	137,67436	11,81470,40715	20	
	50	8,18661,70326	137,20719	9,99994,87092	3231	8,18666,83235	137,23950	11,81333,16765	10	
53	0	8,18798,47824	136,77498	9,99994,83851	3241	8,18803,63973	136,80738	11,81196,36027	0	7
	10	8,18934,82371	136,34547	9,99994,80599	3252	8,18940,01772	136,37799	11,81059,98228	50	
	20	8,19070,74236	135,91865	9,99994,77337	3262	8,19075,96899	135,95127	11,80924,03101	40	
	30	8,19206,23686	135,49450	9,99994,74066	3271	8,19211,49621	135,52722	11,80788,50379	30	
	40	8,19341,30985	135,07299	9,99994,70783	3283	8,19346,60202	135,10581	11,80653,39798	20	
	50	8,19475,96394	134,65409	9,99994,67491	3292	8,19481,28903	134,68701	11,80518,71097	10	
54	0	8,19610,20172	134,23778	9,99994,64189	3302	8,19615,55984	134,27081	11,80384,44016	0	6
	10	8,19744,02576	133,82404	9,99994,60876	3313	8,19749,41700	133,85716	11,80250,58300	50	
	20	8,19877,43859	133,41283	9,99994,57553	3323	8,19882,86306	133,44606	11,80117,13694	40	
	30	8,20010,44274	133,00415	9,99994,54220	3333	8,20015,90054	133,03748	11,79984,09946	30	
	40	8,20143,04070	132,59796	9,99994,50876	3344	8,20148,53194	132,63140	11,79851,46806	20	
	50	8,20275,23495	132,19425	9,99994,47523	3353	8,20280,75972	132,22778	11,79719,24028	10	
55	0	8,20407,02793	131,79298	9,99994,44159	3364	8,20412,58634	131,82662	11,79587,41366	0	5
	10	8,20538,42207	131,39414	9,99994,40785	3374	8,20544,01422	131,42788	11,79455,98578	50	
	20	8,20669,41979	130,99772	9,99994,37401	3384	8,20675,04578	131,03156	11,79324,95422	40	
	30	8,20800,02345	130,60366	9,99994,34007	3394	8,20805,68339	130,63761	11,79194,31661	30	
	40	8,20930,23544	130,21199	9,99994,30602	3405	8,20935,92942	130,24603	11,79064,07058	20	
	50	8,21060,05808	129,82264	9,99994,27187	3415	8,21065,78621	129,85679	11,78934,21379	10	
56	0	8,21189,49370	129,43562	9,99994,23762	3425	8,21195,25608	129,46987	11,78804,74392	0	4
	10	8,21318,54459	129,05089	9,99994,20327	3435	8,21324,34133	129,08525	11,78675,65867	50	
	20	8,21447,21305	128,66846	9,99994,16881	3446	8,21453,04424	128,70291	11,78546,95576	40	
	30	8,21575,50133	128,28828	9,99994,13426	3455	8,21581,36707	128,32283	11,78418,63293	30	
	40	8,21703,41166	127,91033	9,99994,09960	3466	8,21709,31206	127,94499	11,78290,68794	20	
	50	8,21830,94627	127,53461	9,99994,06484	3476	8,21836,88143	127,56937	11,78163,11857	10	
57	0	8,21958,10735	127,16108	9,99994,02997	3487	8,21964,07738	127,19595	11,78035,92262	0	3
	10	8,22084,89710	126,78975	9,99993,99501	3496	8,22090,90209	126,82471	11,77909,09791	50	
	20	8,22211,31766	126,42056	9,99993,95994	3507	8,22217,35772	126,45563	11,77782,64228	40	
	30	8,22337,37119	126,05353	9,99993,92477	3517	8,22343,44642	126,08870	11,77656,55358	30	
	40	8,22463,05981	125,68862	9,99993,88950	3527	8,22469,17030	125,72388	11,77530,82970	20	
	50	8,22588,38561	125,32580	9,99993,85413	3537	8,22594,53149	125,36119	11,77405,46851	10	
58	0	8,22713,35071	124,96510	9,99993,81865	3548	8,22719,53205	125,00056	11,77280,46795	0	2
	10	8,22837,95715	124,60644	9,99993,78308	3557	8,22844,17407	124,64202	11,77155,82593	50	
	20	8,22962,20700	124,24985	9,99993,74740	3568	8,22968,45960	124,28553	11,77031,54040	40	
	30	8,23086,10228	123,89528	9,99993,71161	3579	8,23092,39067	123,93107	11,76907,60933	30	
	40	8,23209,64502	123,54274	9,99993,67573	3588	8,23215,96929	123,57862	11,76784,03071	20	
	50	8,23332,83722	123,19220	9,99993,63974	3599	8,23339,19748	123,22819	11,76660,80252	10	
59	0	8,23455,68085	122,84363	9,99993,60365	3609	8,23462,07720	122,87972	11,76537,92280	0	1
	10	8,23578,17789	122,49704	9,99993,56746	3619	8,23584,61043	122,53323	11,76415,38957	50	
	20	8,23700,33029	122,15240	9,99993,53117	3629	8,23706,79912	122,18869	11,76293,20088	40	
	30	8,23822,13997	121,80968	9,99993,49478	3639	8,23828,64520	121,84608	11,76171,35480	30	
	40	8,23943,60886	121,46889	9,99993,45828	3650	8,23950,15058	121,50538	11,76049,84942	20	
	50	8,24064,73886	121,13000	9,99993,42168	3660	8,24071,31717	121,16659	11,75928,68283	10	
60	0	8,24185,53184	120,79298	9,99993,38498	3670	8,24192,14686	120,82969	11,75807,85314	0	0
			120,45785		3680		120,49465			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

1		SINVVM	Differ.	Sin. Comple.	Diff.	TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.		Logarithmi.		Logarithmi.	communes.	Logarithmi.		
0	0	8,24185,53184		9,99993,38498		8,24192,14686		11,75807,85314	0	60
1	10	8,24305,98969	120,45785	9,99993,34818	3680	8,24312,64151	120,49465	11,75687,35849	50	59
	20	8,24426,11425	120,12456	9,99993,31127	3691	8,24432,80298	120,16147	11,75567,19702	40	
	30	8,24545,90737	119,79312	9,99993,27427	3700	8,24552,63310	119,83012	11,75447,36690	30	
	40	8,24665,37086	119,46349	9,99993,23716	3711	8,24672,13370	119,50060	11,75327,86630	20	
	50	8,24784,50654	119,13568	9,99993,19994	3722	8,24791,30659	119,17289	11,75208,69341	10	
2	0	8,24903,31619	118,80965	9,99993,16263	3731	8,24910,15356	118,84697	11,75089,84644	0	58
	10	8,25021,80161	118,48542	9,99993,12522	3741	8,25028,67639	118,52283	11,74971,32361	50	
	20	8,25139,96455	118,16294	9,99993,08770	3752	8,25146,87685	118,20046	11,74853,12315	40	
	30	8,25257,80676	117,84221	9,99993,05008	3762	8,25264,75668	117,87983	11,74735,24332	30	
	40	8,25375,32997	117,52321	9,99993,01236	3772	8,25382,31762	117,56094	11,74617,68238	20	
3	0	8,25492,53592	117,20595	9,99992,97453	3783	8,25499,56139	117,24377	11,74500,43861	10	57
	10	8,25609,42631	116,89039	9,99992,93661	3792	8,25616,48970	116,92831	11,74383,51030	0	
	20	8,25726,00283	116,57652	9,99992,89858	3803	8,25733,10425	116,61455	11,74266,89575	50	
	30	8,25842,26716	116,26433	9,99992,86045	3813	8,25849,40671	116,30246	11,74150,59329	40	
	40	8,25958,22097	115,95381	9,99992,82221	3824	8,25965,39875	115,99204	11,74034,60125	30	
4	0	8,26073,86591	115,64494	9,99992,78388	3833	8,26081,08203	115,68328	11,73918,91797	20	56
	10	8,26189,20362	115,33771	9,99992,74544	3844	8,26196,45818	115,37615	11,73803,54182	10	
	20	8,26304,23574	115,03212	9,99992,70690	3854	8,26311,52884	115,07066	11,73688,47116	0	
	30	8,26418,96388	114,72814	9,99992,66826	3864	8,26426,29561	114,76677	11,73573,70439	50	
	40	8,26533,38963	114,42575	9,99992,62952	3874	8,26540,76011	114,46450	11,73459,23989	40	
5	0	8,26647,51459	114,12496	9,99992,59067	3885	8,26654,92391	114,16380	11,73345,07609	30	55
	10	8,26761,34033	113,82574	9,99992,55173	3894	8,26768,78860	113,86469	11,73231,21140	20	
	20	8,26874,86842	113,52809	9,99992,51268	3905	8,26882,35574	113,56714	11,73117,64426	10	
	30	8,26988,10041	113,23199	9,99992,47353	3915	8,26995,62688	113,27114	11,73004,37312	0	
	40	8,27101,03784	112,93743	9,99992,43427	3926	8,27108,60357	112,97669	11,72891,39643	50	
6	0	8,27213,68224	112,64440	9,99992,39492	3935	8,27221,28732	112,68375	11,72778,71268	40	54
	10	8,27326,03512	112,35288	9,99992,35546	3946	8,27333,67967	112,39235	11,72666,32033	30	
	20	8,27438,09800	112,06288	9,99992,31590	3956	8,27445,78210	112,10243	11,72554,21790	20	
	30	8,27549,87235	111,77435	9,99992,27624	3966	8,27557,59611	111,81401	11,72442,40389	10	
	40	8,27661,35967	111,48732	9,99992,23647	3977	8,27669,12319	111,52708	11,72330,87681	0	
7	0	8,27772,56141	111,20174	9,99992,19661	3986	8,27780,36481	111,24162	11,72219,63519	50	53
	10	8,27883,47906	110,91765	9,99992,15664	3997	8,27891,32242	110,95761	11,72108,67758	40	
	20	8,27994,11404	110,63498	9,99992,11657	4007	8,28001,99747	110,67505	11,71998,00253	30	
	30	8,28104,46779	110,35375	9,99992,07639	4018	8,28112,39140	110,39393	11,71887,60860	20	
	40	8,28214,54175	110,07396	9,99992,03612	4027	8,28222,50563	110,11423	11,71777,49437	10	
8	0	8,28324,33732	109,79557	9,99991,99574	4038	8,28332,34158	109,83595	11,71667,65842	0	52
	10	8,28433,85591	109,51859	9,99991,95526	4048	8,28441,90065	109,55907	11,71558,09935	50	
	20	8,28543,09892	109,24301	9,99991,91468	4058	8,28551,18424	109,28359	11,71448,81576	40	
	30	8,28652,06772	108,96880	9,99991,87400	4068	8,28660,19372	109,00948	11,71339,80628	30	
	40	8,28760,76369	108,69597	9,99991,83321	4079	8,28768,93048	108,73676	11,71231,06952	20	
9	0	8,28869,18819	108,42450	9,99991,79232	4089	8,28877,39587	108,46539	11,71122,60413	10	51
	10	8,28977,34258	108,15439	9,99991,75134	4098	8,28985,59124	108,19537	11,71014,40876	0	
	20	8,29085,22818	107,88560	9,99991,71024	4110	8,29093,51794	107,92670	11,70906,48206	50	
	30	8,29192,84635	107,61817	9,99991,66905	4119	8,29201,17730	107,65936	11,70798,82270	40	
	40	8,29300,19840	107,35205	9,99991,62775	4130	8,29308,57064	107,39334	11,70691,42936	30	
10	0	8,29407,28564	107,08724	9,99991,58636	4139	8,29415,69928	107,12864	11,70584,30072	20	50
	10	8,29514,10937	106,82373	9,99991,54486	4150	8,29522,56451	106,86523	11,70477,43549	10	
	20	8,29620,67089	106,56152	9,99991,50325	4161	8,29629,16764	106,60313	11,70370,83236	0	
	30	8,29726,97148	106,30059	9,99991,46155	4170	8,29735,50993	106,34229	11,70264,49007	50	
	40	8,29833,01242	106,04094	9,99991,41974	4181	8,29841,59268	106,08275	11,70158,40732	40	
	0	8,29938,79497	105,78255	9,99991,37783	4191	8,29947,41713	105,82445	11,70052,58287	30	
	10	8,30044,32038	105,52541	9,99991,33582	4201	8,30052,98456	105,56743	11,69947,01544	20	
	20	8,30149,58991	105,26953	9,99991,29371	4211	8,30158,29620	105,31164	11,69841,70380	10	
	30	8,30254,60478	105,01487	9,99991,25149	4222	8,30263,35329	105,05709	11,69736,64671	0	
	40	8,30359,36624	104,76146	9,99991,20918	4231	8,30368,15706	104,80377	11,69631,84294	50	
	0	8,30463,87549	104,50925	9,99991,16676	4242	8,30472,70873	104,55167	11,69527,29127	40	
	10	8,30568,13375	104,25826	9,99991,12424	4252	8,30577,00952	104,30079	11,69422,99048	30	
	20	8,30672,14223	104,00848	9,99991,08161	4263	8,30681,06061	104,05109	11,69318,93939	20	
	30	8,30775,90211	103,75988	9,99991,03889	4272	8,30784,86322	103,80261	11,69215,13678	10	
	40	8,30879,41457	103,51246	9,99990,99606	4283	8,30888,41852	103,55530	11,69111,58148	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

1		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
10	0	8,30879,41457		9,99990,99606		8,30888,41852		11,69111,58148	0	50
	10	8,30982,68081	103,26624	9,99990,95313	4293	8,30991,72768	103,30916	11,69008,27232	50	
	20	8,31085,70198	103,02117	9,99990,91010	4303	8,31094,79188	103,06420	11,68905,20812	40	
	30	8,31188,47924	102,77726	9,99990,86696	4314	8,31197,61228	102,82040	11,68802,38772	30	
	40	8,31291,01376	102,53452	9,99990,82373	4323	8,31300,19003	102,57775	11,68699,80997	20	
	50	8,31393,30666	102,29290	9,99990,78039	4334	8,31402,52627	102,33624	11,68597,47373	10	
11	0	8,31495,35908	102,05242	9,99990,73695	4344	8,31504,62214	102,09587	11,68495,37786	0	49
	10	8,31597,17216	101,81308	9,99990,69340	4355	8,31606,47876	101,85662	11,68393,52124	50	
	20	8,31698,74702	101,57486	9,99990,64976	4364	8,31708,09726	101,61850	11,68291,90274	40	
	30	8,31800,08475	101,33773	9,99990,60601	4375	8,31809,47874	101,38148	11,68190,52126	30	
	40	8,31901,18648	101,10173	9,99990,56216	4385	8,31910,62431	101,14557	11,68089,37569	20	
	50	8,32002,05329	100,86681	9,99990,51821	4395	8,32011,53507	100,91076	11,67988,46493	10	
12	0	8,32102,68627	100,63298	9,99990,47416	4405	8,32112,21211	100,67704	11,67887,78789	0	48
	10	8,32203,08651	100,40024	9,99990,43000	4416	8,32212,65650	100,44439	11,67787,34350	50	
	20	8,32303,25507	100,16856	9,99990,38575	4425	8,32312,86932	100,21282	11,67687,13068	40	
	30	8,32403,19303	99,93796	9,99990,34139	4436	8,32412,85164	99,98232	11,67587,14836	30	
	40	8,32502,90144	99,70841	9,99990,29693	4446	8,32512,60452	99,75288	11,67487,39548	20	
	50	8,32602,38136	99,47992	9,99990,25236	4457	8,32612,12900	99,52448	11,67387,87100	10	
13	0	8,32701,63383	99,25247	9,99990,20770	4466	8,32711,42613	99,29713	11,67288,57387	0	47
	10	8,32800,65988	99,02605	9,99990,16293	4477	8,32810,49695	99,07082	11,67189,50305	50	
	20	8,32899,46055	98,80067	9,99990,11806	4487	8,32909,34249	98,84554	11,67090,65751	40	
	30	8,32998,03686	98,57631	9,99990,07308	4498	8,33007,96377	98,62128	11,66992,03623	30	
	40	8,33096,38982	98,35296	9,99990,02801	4507	8,33106,36181	98,39804	11,66893,63819	20	
	50	8,33194,52045	98,13063	9,99989,98283	4518	8,33204,53762	98,17581	11,66795,46238	10	
14	0	8,33292,42975	97,90930	9,99989,93755	4528	8,33302,49220	97,95458	11,66697,50780	0	46
	10	8,33390,11871	97,68896	9,99989,89217	4538	8,33400,22654	97,73434	11,66599,77346	50	
	20	8,33487,58833	97,46962	9,99989,84669	4548	8,33497,74164	97,51510	11,66502,25836	40	
	30	8,33584,83958	97,25125	9,99989,80111	4558	8,33595,03847	97,29683	11,66404,96153	30	
	40	8,33681,87344	97,03386	9,99989,75542	4569	8,33692,11802	97,07955	11,66307,88198	20	
	50	8,33778,69088	96,81744	9,99989,70963	4579	8,33788,98125	96,86323	11,66211,01875	10	
15	0	8,33875,29286	96,60198	9,99989,66374	4589	8,33885,62912	96,64787	11,66114,37088	0	45
	10	8,33971,68034	96,38748	9,99989,61774	4600	8,33982,06259	96,43347	11,66017,93741	50	
	20	8,34067,85427	96,17393	9,99989,57165	4609	8,34078,28262	96,22003	11,65921,71738	40	
	30	8,34163,81559	95,96132	9,99989,52545	4620	8,34174,29014	96,00752	11,65825,70986	30	
	40	8,34259,56524	95,74965	9,99989,47915	4630	8,34270,08609	95,79595	11,65729,91391	20	
	50	8,34355,10416	95,53892	9,99989,43275	4640	8,34365,67141	95,58532	11,65634,32859	10	
16	0	8,34450,43326	95,32910	9,99989,38624	4651	8,34461,04702	95,37561	11,65538,95298	0	44
	10	8,34545,55347	95,12021	9,99989,33964	4660	8,34556,21383	95,16681	11,65443,78617	50	
	20	8,34640,46569	94,91222	9,99989,29293	4671	8,34651,17276	94,95893	11,65348,82724	40	
	30	8,34735,17085	94,70516	9,99989,24612	4681	8,34745,92473	94,75197	11,65254,07527	30	
	40	8,34829,66982	94,49897	9,99989,19921	4691	8,34840,47062	94,54589	11,65159,52938	20	
	50	8,34923,96353	94,29371	9,99989,15219	4702	8,34934,81134	94,34072	11,65065,18866	10	
17	0	8,35018,05284	94,08931	9,99989,10507	4712	8,35028,94777	94,13643	11,64971,05223	0	43
	10	8,35111,93865	93,88581	9,99989,05785	4722	8,35122,88079	93,93302	11,64877,11921	50	
	20	8,35205,62183	93,68318	9,99989,01053	4732	8,35216,61130	93,73051	11,64783,38870	40	
	30	8,35299,10326	93,48143	9,99988,96311	4742	8,35310,14015	93,52885	11,64689,85985	30	
	40	8,35392,38380	93,28054	9,99988,91558	4753	8,35403,46821	93,32806	11,64596,53179	20	
	50	8,35485,46431	93,08051	9,99988,86796	4762	8,35496,59636	93,12815	11,64503,40364	10	
18	0	8,35578,34565	92,88134	9,99988,82023	4773	8,35589,52543	92,92907	11,64410,47457	0	42
	10	8,35671,02868	92,68303	9,99988,77239	4784	8,35682,25628	92,73085	11,64317,74372	50	
	20	8,35763,51422	92,48554	9,99988,72446	4793	8,35774,78976	92,53348	11,64225,21024	40	
	30	8,35855,80313	92,28891	9,99988,67642	4804	8,35867,12671	92,33695	11,64132,87329	30	
	40	8,35947,89624	92,09311	9,99988,62829	4813	8,35959,26795	92,14124	11,64040,73205	20	
	50	8,36039,79437	91,89813	9,99988,58004	4825	8,36051,21433	91,94638	11,63948,78567	10	
19	0	8,36131,49835	91,70398	9,99988,53170	4834	8,36142,96665	91,75232	11,63857,03335	0	41
	10	8,36223,00900	91,51065	9,99988,48326	4844	8,36234,52574	91,55909	11,63765,47426	50	
	20	8,36314,32713	91,31813	9,99988,43471	4855	8,36325,89242	91,36668	11,63674,10758	40	
	30	8,36405,45355	91,12642	9,99988,38606	4865	8,36417,06749	91,17507	11,63582,93251	30	
	40	8,36496,38906	90,93551	9,99988,33731	4875	8,36508,05175	90,98426	11,63491,94825	20	
	50	8,36587,13446	90,74540	9,99988,28846	4885	8,36598,84600	90,79425	11,63401,15400	10	
20	0	8,36677,69054	90,55608	9,99988,23950	4896	8,36689,45104	90,60504	11,63310,54896	0	40
		Sin. Comple.		SINVVM	4906	Tang. compl.		TANGEN.	S	M

1		SINVVM	Differ.	Sin. Comple.	Diff.	TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.		Logarithmi.		Logarithmi.	commu- nes.	Logarithmi.		
20	o	8,36677,69054		9,99988,23950		8,36689,45104		11,63310,54896	o	40
	10	8,36768,05809	90,36755	9,99988,19044	4906	8,36779,86764	90,41660	11,63220,13236	50	
	20	8,36858,23789	90,17980	9,99988,14128	4916	8,36870,09660	90,22896	11,63129,90340	40	
	30	8,36948,23072	89,99283	9,99988,09202	4926	8,36960,13870	90,04210	11,63039,86130	30	
	40	8,37038,03736	89,80664	9,99988,04266	4936	8,37049,99470	89,85600	11,62950,00530	20	
	50	8,37127,65857	89,62121	9,99987,99319	4947	8,37139,66538	89,67068	11,62860,33462	10	
21	o	8,37217,09511	89,43654	9,99987,94362	4957	8,37229,15149	89,48611	11,62770,84851	o	39
	10	8,37306,34776	89,25265	9,99987,89395	4967	8,37318,45380	89,30231	11,62681,54620	50	
	20	8,37395,41725	89,06949	9,99987,84418	4977	8,37407,57306	89,11926	11,62592,42694	40	
	30	8,37484,30434	88,88709	9,99987,79431	4987	8,37496,51003	88,93697	11,62503,48997	30	
	40	8,37573,00977	88,70543	9,99987,74433	4998	8,37585,26544	88,75541	11,62414,73456	20	
	50	8,37661,53429	88,52452	9,99987,69425	5008	8,37673,84004	88,57460	11,62326,15996	10	
22	o	8,37749,87863	88,34434	9,99987,64407	5018	8,37762,23456	88,39452	11,62237,76544	o	38
	10	8,37838,04352	88,16489	9,99987,59379	5028	8,37850,44973	88,21517	11,62149,55027	50	
	20	8,37926,02969	87,98617	9,99987,54340	5039	8,37938,48629	88,03656	11,62061,51371	40	
	30	8,38013,83787	87,80818	9,99987,49291	5049	8,38026,34495	87,85866	11,61973,65505	30	
	40	8,38101,46876	87,63089	9,99987,44232	5059	8,38114,02644	87,68149	11,61885,97356	20	
	50	8,38188,92309	87,45433	9,99987,39163	5069	8,38201,53146	87,50502	11,61798,46854	10	
23	o	8,38276,20157	87,27848	9,99987,34084	5079	8,38288,86073	87,32927	11,61711,13927	o	37
	10	8,38363,30489	87,10332	9,99987,28994	5090	8,38376,01495	87,15422	11,61623,98505	50	
	20	8,38450,23376	86,92887	9,99987,23894	5100	8,38462,99482	86,97987	11,61537,00518	40	
	30	8,38536,98889	86,75513	9,99987,18784	5110	8,38549,80104	86,80622	11,61450,19896	30	
	40	8,38623,57095	86,58206	9,99987,13664	5120	8,38636,43431	86,63327	11,61363,56569	20	
	50	8,38709,98064	86,40969	9,99987,08534	5130	8,38722,89530	86,46099	11,61277,10470	10	
24	o	8,38796,21865	86,23801	9,99987,03393	5141	8,38809,18472	86,28942	11,61190,81528	o	36
	10	8,38882,28565	86,06700	9,99986,98242	5151	8,38895,30323	86,11851	11,61104,69677	50	
	20	8,38968,18232	85,89667	9,99986,93081	5161	8,38981,25151	85,94828	11,61018,74849	40	
	30	8,39053,90933	85,72701	9,99986,87910	5171	8,39067,03024	85,77873	11,60932,96976	30	
	40	8,39139,46736	85,55803	9,99986,82728	5182	8,39152,64008	85,60984	11,60847,35992	20	
	50	8,39224,85706	85,38970	9,99986,77536	5192	8,39238,08170	85,44162	11,60761,91830	10	
25	o	8,39310,07910	85,22204	9,99986,72335	5201	8,39323,35576	85,27406	11,60676,64424	o	35
	10	8,39395,13413	85,05503	9,99986,67122	5213	8,39408,46291	85,10715	11,60591,53709	50	
	20	8,39480,02281	84,88868	9,99986,61900	5222	8,39493,40381	84,94090	11,60506,59619	40	
	30	8,39564,74579	84,72298	9,99986,56667	5233	8,39578,17911	84,77530	11,60421,82089	30	
	40	8,39649,30370	84,55791	9,99986,51425	5242	8,39662,78946	84,61035	11,60337,21054	20	
	50	8,39733,69720	84,39350	9,99986,46172	5253	8,39747,23548	84,44602	11,60252,76452	10	
26	o	8,39817,92692	84,22972	9,99986,40908	5264	8,39831,51783	84,28235	11,60168,48217	o	34
	10	8,39901,99349	84,06657	9,99986,35635	5273	8,39915,63714	84,11931	11,60084,36286	50	
	20	8,39985,89754	83,90405	9,99986,30351	5284	8,39999,59403	83,95689	11,60000,40597	40	
	30	8,40069,63971	83,74217	9,99986,25057	5294	8,40083,38914	83,79511	11,59916,61086	30	
	40	8,40153,22061	83,58090	9,99986,19753	5304	8,40167,02308	83,63394	11,59832,97692	20	
	50	8,40236,64087	83,42026	9,99986,14439	5314	8,40250,49648	83,47340	11,59749,50352	10	
27	o	8,40319,90109	83,26022	9,99986,09114	5325	8,40333,80995	83,31347	11,59666,19005	o	33
	10	8,40403,00190	83,10081	9,99986,03780	5334	8,40416,96410	83,15415	11,59583,03590	50	
	20	8,40485,94390	82,94200	9,99985,98435	5345	8,40499,95955	82,99545	11,59500,04045	40	
	30	8,40568,72769	82,78379	9,99985,93080	5355	8,40582,79690	82,83735	11,59417,20310	30	
	40	8,40651,35389	82,62620	9,99985,87714	5366	8,40665,47675	82,67985	11,59334,52325	20	
	50	8,40733,82308	82,46919	9,99985,82339	5375	8,40747,99969	82,52294	11,59252,00031	10	
28	o	8,40816,13586	82,31278	9,99985,76953	5386	8,40830,36633	82,36664	11,59169,63367	o	32
	10	8,40898,29283	82,15697	9,99985,71557	5396	8,40912,57726	82,21093	11,59087,42274	50	
	20	8,40980,29456	82,00173	9,99985,66150	5407	8,40994,63306	82,05580	11,59005,36694	40	
	30	8,41062,14166	81,84710	9,99985,60734	5416	8,41076,53432	81,90126	11,58923,46568	30	
	40	8,41143,83470	81,69304	9,99985,55307	5427	8,41158,28162	81,74730	11,58841,71838	20	
	50	8,41225,37425	81,53955	9,99985,49870	5437	8,41239,87555	81,59393	11,58760,12445	10	
29	o	8,41306,76090	81,38665	9,99985,44423	5447	8,41321,31666	81,44111	11,58678,68334	o	31
	10	8,41387,99521	81,23431	9,99985,38966	5457	8,41402,60555	81,28889	11,58597,39445	50	
	20	8,41469,07775	81,08254	9,99985,33498	5468	8,41483,74277	81,13722	11,58516,25723	40	
	30	8,41550,00910	80,93135	9,99985,28021	5477	8,41564,72889	80,98612	11,58435,27111	30	
	40	8,41630,78981	80,78071	9,99985,22533	5488	8,41645,56448	80,83559	11,58354,43552	20	
	50	8,41711,42043	80,63062	9,99985,17035	5498	8,41726,25009	80,68561	11,58273,74991	10	
30	o	8,41791,90154	80,48111	9,99985,11526	5509	8,41806,78628	80,53619	11,58193,21372	o	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

1		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.			
M	S										
30	0	8,41791,90154	80,33214	9,99985,11526	5518	8,41806,78628	80,38732	11,58193,21372	0	30	
	10	8,41872,23368	80,18371	9,99985,06008	5529	8,41887,17360	80,23900	11,58112,82640	50		
	20	8,41952,41739	80,03585	9,99985,00479	5539	8,41967,41260	80,09124	11,58032,58740	40		
	30	8,42032,45324	79,88851	9,99984,94940	5549	8,42047,50384	79,94401	11,57952,49616	30		
	40	8,42112,34175	79,74173	9,99984,89391	5560	8,42127,44785	79,79732	11,57872,55215	20		
	50	8,42192,08348	79,59548	9,99984,83831	5570	8,42207,24517	79,65118	11,57792,75483	10		
31	0	8,42271,67896	79,44977	9,99984,78261	5580	8,42286,89635	79,50557	11,57713,10365	0	29	
	10	8,42351,12873	79,30459	9,99984,72681	5590	8,42366,40192	79,36048	11,57633,59808	50		
	20	8,42430,43332	79,15993	9,99984,67091	5600	8,42445,76240	79,21594	11,57554,23760	40		
	30	8,42509,59325	79,01580	9,99984,61491	5610	8,42524,97834	79,07191	11,57475,02166	30		
	40	8,42588,60905	78,87221	9,99984,55881	5621	8,42604,05025	78,92841	11,57395,94975	20		
	50	8,42667,48126	78,72912	9,99984,50260	5631	8,42682,97866	78,78543	11,57317,02134	10		
32	0	8,42746,21038	78,58656	9,99984,44629	5641	8,42761,76409	78,64297	11,57238,23591	0	28	
	10	8,42824,79694	78,44450	9,99984,38988	5652	8,42840,40706	78,50102	11,57159,59294	50		
	20	8,42903,24144	78,30298	9,99984,33336	5661	8,42918,90808	78,35959	11,57081,09192	40		
	30	8,42981,54442	78,16194	9,99984,27675	5672	8,42997,26767	78,21866	11,57002,73233	30		
	40	8,43059,70636	78,02142	9,99984,22003	5682	8,43075,48633	78,07824	11,56924,51367	20		
	50	8,43137,72778	77,88141	9,99984,16321	5693	8,43153,56457	77,93833	11,56846,43543	10		
33	0	8,43215,60919	77,74189	9,99984,10628	5702	8,43231,50290	77,79892	11,56768,49710	0	27	
	10	8,43293,35108	77,60287	9,99984,04926	5713	8,43309,30182	77,66000	11,56690,69818	50		
	20	8,43370,95395	77,46435	9,99983,99213	5723	8,43386,96182	77,52158	11,56613,03818	40		
	30	8,43448,41830	77,32633	9,99983,93490	5733	8,43464,48340	77,38366	11,56535,51660	30		
	40	8,43525,74463	77,18879	9,99983,87757	5743	8,43541,86706	77,24622	11,56458,13294	20		
	50	8,43602,93342	77,05173	9,99983,82014	5754	8,43619,11328	77,10927	11,56380,88672	10		
34	0	8,43679,98515	76,91518	9,99983,76260	5763	8,43696,22255	76,97281	11,56303,77745	0	26	
	10	8,43756,90033	76,77909	9,99983,70497	5774	8,43773,19536	76,83684	11,56226,80464	50		
	20	8,43833,67942	76,64350	9,99983,64723	5785	8,43850,03220	76,70133	11,56149,96780	40		
	30	8,43910,32292	76,50837	9,99983,58938	5794	8,43926,73353	76,56632	11,56073,26647	30		
	40	8,43986,83129	76,37372	9,99983,53144	5805	8,44003,29985	76,43177	11,55996,70015	20		
	50	8,44063,20501	76,23955	9,99983,47339	5814	8,44079,73162	76,29770	11,55920,26838	10		
35	0	8,44139,44456	76,10585	9,99983,41525	5825	8,44156,02932	76,16409	11,55843,97068	0	25	
	10	8,44215,55041	75,97260	9,99983,35700	5836	8,44232,19341	76,03096	11,55767,80659	50		
	20	8,44291,52301	75,83984	9,99983,29864	5845	8,44308,22437	75,89829	11,55691,77563	40		
	30	8,44367,36285	75,70753	9,99983,24019	5856	8,44384,12266	75,76609	11,55615,87734	30		
	40	8,44443,07038	75,57568	9,99983,18163	5866	8,44459,88875	75,63434	11,55540,11125	20		
	50	8,44518,64606	75,44429	9,99983,12297	5876	8,44535,52309	75,50305	11,55464,47691	10		
36	0	8,44594,09035	75,31335	9,99983,06421	5886	8,44611,02614	75,37222	11,55388,97386	0	24	
	10	8,44669,40370	75,18288	9,99983,00535	5897	8,44686,39836	75,24184	11,55313,60164	50		
	20	8,44744,58658	75,05285	9,99982,94638	5907	8,44761,64020	75,11191	11,55238,35980	40		
	30	8,44819,63943	74,92326	9,99982,88731	5917	8,44836,75211	74,98244	11,55163,24789	30		
	40	8,44894,56269	74,79413	9,99982,82814	5927	8,44911,73455	74,85340	11,55088,26545	20		
	50	8,44969,35682	74,66544	9,99982,76887	5937	8,44986,58795	74,72481	11,55013,41205	10		
37	0	8,45044,02226	74,53719	9,99982,70950	5948	8,45061,31276	74,59667	11,54938,68724	0	23	
	10	8,45118,55945	74,40938	9,99982,65002	5958	8,45135,90943	74,46896	11,54864,09057	50		
	20	8,45192,96883	74,28201	9,99982,59044	5968	8,45210,37839	74,34169	11,54789,62161	40		
	30	8,45267,25084	74,15507	9,99982,53076	5978	8,45284,72008	74,21485	11,54715,27992	30		
	40	8,45341,40591	74,02856	9,99982,47098	5989	8,45358,93493	74,08845	11,54641,06507	20		
	50	8,45415,43447	73,90249	9,99982,41109	5999	8,45433,02338	73,96248	11,54566,97662	10		
38	0	8,45489,33696	73,77685	9,99982,35110	6008	8,45506,98586	73,83693	11,54493,01414	0	22	
	10	8,45563,11381	73,65162	9,99982,29102	6020	8,45580,82279	73,71182	11,54419,17721	50		
	20	8,45636,76543	73,52683	9,99982,23082	6029	8,45654,53461	73,58712	11,54345,46539	40		
	30	8,45710,29226	73,40246	9,99982,17053	6040	8,45728,12173	73,46286	11,54271,87827	30		
	40	8,45783,69472	73,27850	9,99982,11013	6049	8,45801,58459	73,33900	11,54198,41541	20		
	50	8,45856,97322	73,15497	9,99982,04964	6060	8,45874,92359	73,21556	11,54125,07641	10		
39	0	8,45930,12819	73,03184	9,99981,98904	6071	8,45948,13915	73,09255	11,54051,86085	0	21	
	10	8,46003,16003	72,90914	9,99981,92833	6080	8,46021,23170	72,96994	11,53978,76830	50		
	20	8,46076,06917	72,78684	9,99981,86753	6091	8,46094,20164	72,84775	11,53905,79836	40		
	30	8,46148,85601	72,66496	9,99981,80662	6101	8,46167,04939	72,72596	11,53832,95061	30		
	40	8,46221,52097	72,54347	9,99981,74561	6111	8,46239,77535	72,60459	11,53760,22465	20		
	50	8,46294,06444	72,42240	9,99981,68450	6121	8,46312,37994	72,48361	11,53687,62006	10		
40	0	8,46366,48684	72,30173	9,99981,62329	6132	8,46384,86355	72,36305	11,53615,13645	0	20	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M	

1		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
40	o	8,46366,48684	72,30173	9,99981,62329	6132	8,46384,86355	72,36305	11,53615,13645	o	20
41	10	8,46438,78857	72,18146	9,99981,56197	6141	8,46457,22660	72,24287	11,53542,77340	50	19
	20	8,46510,97003	72,06158	9,99981,50056	6152	8,46529,46947	72,12311	11,53470,53053	40	
	30	8,46583,03161	71,94212	9,99981,43904	6163	8,46601,59258	72,00373	11,53398,40742	30	
	40	8,46654,97373	71,82303	9,99981,37741	6172	8,46673,59631	71,88476	11,53326,40369	20	
	50	8,46726,79676	71,70435	9,99981,31569	6183	8,46745,48107	71,76617	11,53254,51893	10	
	o	8,46798,50111	71,58605	9,99981,25386	6193	8,46817,24724	71,64798	11,53182,75276	o	
	10	8,46870,08716	71,46815	9,99981,19193	6203	8,46888,89522	71,53018	11,53111,10478	50	
	20	8,46941,55531	71,35063	9,99981,12990	6213	8,46960,42540	71,41277	11,53039,57460	40	
	30	8,47012,90594	71,23349	9,99981,06777	6223	8,47031,83817	71,29573	11,52968,16183	30	
	40	8,47084,13943	71,11675	9,99981,00554	6234	8,47103,13390	71,17908	11,52896,86610	20	
42	50	8,47155,25618	71,00039	9,99980,94320	6244	8,47174,31298	71,06283	11,52825,68702	10	18
	o	8,47226,25657	70,88439	9,99980,88076	6254	8,47245,37581	70,94693	11,52754,62419	o	
	10	8,47297,14096	70,76879	9,99980,81822	6265	8,47316,32274	70,83143	11,52683,67726	50	
	20	8,47367,90975	70,65355	9,99980,75557	6274	8,47387,15417	70,71630	11,52612,84583	40	
	30	8,47438,56330	70,53869	9,99980,69283	6285	8,47457,87047	70,60154	11,52542,12953	30	
	40	8,47509,10199	70,42421	9,99980,62998	6295	8,47528,47201	70,48716	11,52471,52799	20	
	50	8,47579,52620	70,31010	9,99980,56703	6305	8,47598,95917	70,37315	11,52401,04083	10	
	o	8,47649,83630	70,19634	9,99980,50398	6316	8,47669,33232	70,25950	11,52330,66768	o	
	10	8,47720,03264	70,08297	9,99980,44082	6325	8,47739,59182	70,14622	11,52260,40818	50	
	20	8,47790,11561	69,96995	9,99980,37757	6336	8,47809,73804	70,03331	11,52190,26196	40	
43	30	8,47860,08556	69,85731	9,99980,31421	6346	8,47879,77135	69,92077	11,52120,22865	30	17
	40	8,47929,94287	69,74501	9,99980,25075	6357	8,47949,69212	69,80858	11,52050,30788	20	
	50	8,47999,68788	69,63309	9,99980,18718	6366	8,48019,50070	69,69675	11,51980,49930	10	
	o	8,48069,32097	69,52151	9,99980,12352	6377	8,48089,19745	69,58528	11,51910,80255	o	
	10	8,48138,84248	69,41030	9,99980,05975	6387	8,48158,78273	69,47417	11,51841,21727	50	
	20	8,48208,25278	69,29945	9,99979,99588	6397	8,48228,25690	69,36342	11,51771,74310	40	
	30	8,48277,55223	69,18893	9,99979,93191	6407	8,48297,62032	69,25301	11,51702,37968	30	
	40	8,48346,74116	69,07879	9,99979,86784	6418	8,48366,87333	69,14296	11,51633,12667	20	
	50	8,48415,81995	68,96898	9,99979,80366	6428	8,48436,01629	69,03326	11,51563,98371	10	
	o	8,48484,78893	68,85952	9,99979,73938	6438	8,48505,04955	68,92390	11,51494,95045	o	
44	10	8,48553,64845	68,75042	9,99979,67500	6448	8,48573,97345	68,81490	11,51426,02655	50	16
	20	8,48622,39887	68,64165	9,99979,61052	6459	8,48642,78835	68,70623	11,51357,21165	40	
	30	8,48691,04052	68,53323	9,99979,54593	6468	8,48711,49458	68,59792	11,51288,50542	30	
	40	8,48759,57375	68,42515	9,99979,48125	6479	8,48780,09250	68,48994	11,51219,90750	20	
	50	8,48827,99890	68,31741	9,99979,41646	6489	8,48848,58244	68,38230	11,51151,41756	10	
	o	8,48896,31631	68,21001	9,99979,35157	6500	8,48916,96474	68,27501	11,51083,03526	o	
	10	8,48964,52632	68,10294	9,99979,28657	6509	8,48985,23975	68,16804	11,51014,76025	50	
	20	8,49032,62926	67,99622	9,99979,22148	6520	8,49053,40779	68,06141	11,50946,59221	40	
	30	8,49100,62548	67,88982	9,99979,15628	6530	8,49121,46920	67,95512	11,50878,53080	30	
	40	8,49168,51530	67,78376	9,99979,09098	6540	8,49189,42432	67,84916	11,50810,57568	20	
45	50	8,49236,29906	67,67803	9,99979,02558	6551	8,49257,27348	67,74353	11,50742,72652	10	15
	o	8,49303,97709	67,57262	9,99978,96007	6560	8,49325,01701	67,63823	11,50674,98299	o	
	10	8,49371,54971	67,46754	9,99978,89447	6571	8,49392,65524	67,53326	11,50607,34476	50	
	20	8,49439,01725	67,36280	9,99978,82876	6581	8,49460,18850	67,42860	11,50539,81150	40	
	30	8,49506,38005	67,25837	9,99978,76295	6592	8,49527,61710	67,32429	11,50472,38290	30	
	40	8,49573,63842	67,15427	9,99978,69703	6601	8,49594,94139	67,22028	11,50405,05861	20	
	50	8,49640,79269	67,05049	9,99978,63102	6612	8,49662,16167	67,11661	11,50337,83833	10	
	o	8,49707,84318	66,94702	9,99978,56490	6622	8,49729,27828	67,01324	11,50270,72172	o	
	10	8,49774,79020	66,84388	9,99978,49868	6632	8,49796,29152	66,91021	11,50203,70848	50	
	20	8,49841,63408	66,74106	9,99978,43236	6643	8,49863,20173	66,80748	11,50136,79827	40	
46	30	8,49908,37514	66,63855	9,99978,36593	6652	8,49930,00921	66,70507	11,50069,99079	30	14
	40	8,49975,01369	66,53635	9,99978,29941	6663	8,49996,71428	66,60298	11,50003,28572	20	
	50	8,50041,55004	66,43447	9,99978,23278	6673	8,50063,31726	66,50120	11,49936,68274	10	
	o	8,50107,98451	66,33289	9,99978,16605	6683	8,50129,81846	66,39973	11,49870,18154	o	
	10	8,50174,31740	66,23163	9,99978,09922	6694	8,50196,21819	66,29856	11,49803,78181	50	
	20	8,50240,54903	66,13068	9,99978,03228	6704	8,50262,51675	66,19772	11,49737,48325	40	
	30	8,50306,67971	66,03004	9,99977,96524	6713	8,50328,71447	66,09717	11,49671,28553	30	
	40	8,50372,70975	65,92969	9,99977,89811	6725	8,50394,81164	65,99693	11,49605,18836	20	
	50	8,50438,63944	65,82965	9,99977,83086	6734	8,50460,80857	65,89700	11,49539,19143	10	
	o	8,50504,46909	65,72992	9,99977,76352	6745	8,50526,70557	65,79736	11,49473,29443	o	
50		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

1		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
50	0	8,50504,46909	65,72992	9,99977,76352	6745	8,50526,70557	65,79736	11,49473,29443	0	10
	10	8,50570,19901	65,63048	9,99977,69607	6754	8,50592,50293	65,69804	11,49407,49707	50	
	20	8,50635,82949	65,53136	9,99977,62853	6765	8,50658,20097	65,59900	11,49341,79903	40	
	30	8,50701,36085	65,43251	9,99977,56088	6776	8,50723,79997	65,50027	11,49276,20003	30	
	40	8,50766,79336	65,33399	9,99977,49312	6785	8,50789,30024	65,40184	11,49210,69976	20	
	50	8,50832,12735	65,23574	9,99977,42527	6796	8,50854,70208	65,30369	11,49145,29792	10	
51	0	8,50897,36309	65,13779	9,99977,35731	6806	8,50920,00577	65,20586	11,49079,99423	0	9
	10	8,50962,50088	65,04014	9,99977,28925	6816	8,50985,21163	65,10830	11,49014,78837	50	
	20	8,51027,54102	64,94278	9,99977,22109	6826	8,51050,31993	65,01105	11,48949,68007	40	
	30	8,51092,48380	64,84571	9,99977,15283	6837	8,51115,33098	64,91407	11,48884,66902	30	
	40	8,51157,32951	64,74894	9,99977,08446	6846	8,51180,24505	64,81740	11,48819,75495	20	
	50	8,51222,07845	64,65243	9,99977,01600	6857	8,51245,06245	64,72101	11,48754,93755	10	
52	0	8,51286,73088	64,55624	9,99976,94743	6868	8,51309,78346	64,62490	11,48690,21654	0	8
	10	8,51351,28712	64,46031	9,99976,87875	6877	8,51374,40836	64,52909	11,48625,59164	50	
	20	8,51415,74743	64,36468	9,99976,80998	6888	8,51438,93745	64,43355	11,48561,06255	40	
	30	8,51480,11211	64,26932	9,99976,74110	6898	8,51503,37100	64,33831	11,48496,62900	30	
	40	8,51544,38143	64,17426	9,99976,67212	6908	8,51567,70931	64,24333	11,48432,29069	20	
	50	8,51608,55569	64,07946	9,99976,60304	6918	8,51631,95264	64,14865	11,48368,04736	10	
53	0	8,51672,63515	63,98495	9,99976,53386	6929	8,51696,10129	64,05424	11,48303,89871	0	7
	10	8,51736,62010	63,89072	9,99976,46457	6938	8,51760,15553	63,96011	11,48239,84447	50	
	20	8,51800,51082	63,79677	9,99976,39519	6949	8,51824,11564	63,86625	11,48175,88436	40	
	30	8,51864,30759	63,70308	9,99976,32570	6959	8,51887,98189	63,77267	11,48112,01811	30	
	40	8,51928,01067	63,60968	9,99976,25611	6970	8,51951,75456	63,67938	11,48048,24544	20	
	50	8,51991,62035	63,51654	9,99976,18641	6979	8,52015,43394	63,58634	11,47984,56606	10	
54	0	8,52055,13689	63,42369	9,99976,11662	6990	8,52079,02028	63,49358	11,47920,97972	0	6
	10	8,52118,56058	63,33109	9,99976,04672	7000	8,52142,51386	63,40110	11,47857,48614	50	
	20	8,52181,89167	63,23878	9,99975,97672	7011	8,52205,91496	63,30887	11,47794,08504	40	
	30	8,52245,13045	63,14672	9,99975,90661	7020	8,52269,22383	63,21693	11,47730,77617	30	
	40	8,52308,27717	63,05494	9,99975,83641	7031	8,52332,44076	63,12525	11,47667,55924	20	
	50	8,52371,33211	62,96342	9,99975,76610	7041	8,52395,56601	63,03383	11,47604,43399	10	
55	0	8,52434,29553	62,87217	9,99975,69569	7051	8,52458,59984	62,94267	11,47541,40016	0	5
	10	8,52497,16770	62,78117	9,99975,62518	7061	8,52521,54251	62,85180	11,47478,45749	50	
	20	8,52559,94887	62,69045	9,99975,55457	7072	8,52584,39431	62,76116	11,47415,60569	40	
	30	8,52622,63932	62,59999	9,99975,48385	7082	8,52647,15547	62,67081	11,47352,84453	30	
	40	8,52685,23931	62,50978	9,99975,41303	7092	8,52709,82628	62,58070	11,47290,17372	20	
	50	8,52747,74909	62,41984	9,99975,34211	7102	8,52772,40698	62,49085	11,47227,59302	10	
56	0	8,52810,16893	62,33014	9,99975,27109	7112	8,52834,89783	62,40128	11,47165,10217	0	4
	10	8,52872,49907	62,24072	9,99975,19997	7123	8,52897,29911	62,31194	11,47102,70089	50	
	20	8,52934,73979	62,15154	9,99975,12874	7133	8,52959,61105	62,22287	11,47040,38895	40	
	30	8,52996,89133	62,06263	9,99975,05741	7143	8,53021,83392	62,13406	11,46978,16608	30	
	40	8,53058,95396	61,97396	9,99974,98598	7153	8,53083,96798	62,04549	11,46916,03202	20	
	50	8,53120,92792	61,88554	9,99974,91445	7164	8,53146,01347	61,95718	11,46853,98653	10	
57	0	8,53182,81346	61,79738	9,99974,84281	7174	8,53207,97065	61,86912	11,46792,02935	0	3
	10	8,53244,61084	61,70948	9,99974,77107	7184	8,53269,83977	61,78132	11,46730,16023	50	
	20	8,53306,32032	61,62181	9,99974,69923	7194	8,53331,62109	61,69375	11,46668,37891	40	
	30	8,53367,94213	61,53440	9,99974,62729	7204	8,53393,31484	61,60644	11,46606,68516	30	
	40	8,53429,47653	61,44723	9,99974,55525	7215	8,53454,92128	61,51938	11,46545,07872	20	
	50	8,53490,92376	61,36031	9,99974,48310	7225	8,53516,44066	61,43256	11,46483,55934	10	
58	0	8,53552,28407	61,27364	9,99974,41085	7235	8,53577,87322	61,34600	11,46422,12678	0	2
	10	8,53613,55771	61,18721	9,99974,33850	7245	8,53639,21922	61,25966	11,46360,78078	50	
	20	8,53674,74492	61,10103	9,99974,26605	7256	8,53700,47888	61,17358	11,46299,52112	40	
	30	8,53735,84595	61,01508	9,99974,19349	7266	8,53761,65246	61,08774	11,46238,34754	30	
	40	8,53796,86103	60,92937	9,99974,12083	7276	8,53822,74020	61,00213	11,46177,25980	20	
	50	8,53857,79040	60,84392	9,99974,04807	7286	8,53883,74233	60,91678	11,46116,25767	10	
59	0	8,53918,63432	60,75869	9,99973,97521	7296	8,53944,65911	60,83165	11,46055,34089	0	1
	10	8,53979,39301	60,67370	9,99973,90225	7307	8,54005,49076	60,74677	11,45994,50924	50	
	20	8,54040,06671	60,58895	9,99973,82918	7317	8,54066,23753	60,66212	11,45933,76247	40	
	30	8,54100,65566	60,50444	9,99973,75601	7327	8,54126,89965	60,57771	11,45873,10035	30	
	40	8,54161,16010	60,42017	9,99973,68274	7337	8,54187,47736	60,49354	11,45812,52264	20	
	50	8,54221,58027	60,33612	9,99973,60937	7348	8,54247,97090	60,40960	11,45752,02910	10	
60	0	8,54281,91639	60,25231	9,99973,53589	7358	8,54308,38050	60,32589	11,45691,61950	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

2		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.			
M	S										
0	0	8,54281,91639		9,99973,53589		8,54308,38050		11,45691,61950	o	60	
	10	8,54342,16870	60,25231	9,99973,46231	7358	8,54368,70639	60,32589	11,45631,29361	50		
	20	8,54402,33743	60,16873	9,99973,38864	7367	8,54428,94880	60,24241	11,45571,05120	40		
	30	8,54462,42282	60,08539	9,99973,31485	7379	8,54489,10797	60,15917	11,45510,89203	30		
	40	8,54522,42509	60,00227	9,99973,24097	7388	8,54549,18412	60,07615	11,45450,81588	20		
	50	8,54582,34447	59,91938	9,99973,16698	7399	8,54609,17749	59,99337	11,45390,82251	10		
1	0	8,54642,18120	59,83673	9,99973,09289	7409	8,54669,08830	59,91081	11,45330,91170	o	59	
	10	8,54701,93549	59,75429	9,99973,01870	7419	8,54728,91679	59,82849	11,45271,08321	50		
	20	8,54761,60758	59,67209	9,99972,94441	7429	8,54788,66317	59,74638	11,45211,33683	40		
	30	8,54821,19769	59,59011	9,99972,87002	7439	8,54848,32768	59,66451	11,45151,67232	30		
	40	8,54880,70605	59,50836	9,99972,79552	7450	8,54907,91053	59,58285	11,45092,08947	20		
	50	8,54940,13287	59,42682	9,99972,72092	7460	8,54967,41196	59,50143	11,45032,58804	10		
2	0	8,54999,47839	59,34552	9,99972,64622	7470	8,55026,83217	59,42021	11,44973,16783	o	58	
	10	8,55058,74282	59,26443	9,99972,57141	7481	8,55086,17141	59,33924	11,44913,82859	50		
	20	8,55117,92639	59,18357	9,99972,49651	7490	8,55145,42988	59,25847	11,44854,57012	40		
	30	8,55177,02931	59,10292	9,99972,42150	7501	8,55204,60781	59,17793	11,44795,39219	30		
	40	8,55236,05181	59,02250	9,99972,34639	7511	8,55263,70542	59,09761	11,44736,29458	20		
	50	8,55294,99410	58,94229	9,99972,27118	7521	8,55322,72292	59,01750	11,44677,27708	10		
3	0	8,55353,85640	58,86230	9,99972,19586	7532	8,55381,66054	58,93762	11,44618,33946	o	57	
	10	8,55412,63893	58,78253	9,99972,12044	7542	8,55440,51848	58,85794	11,44559,48152	50		
	20	8,55471,34190	58,70297	9,99972,04492	7552	8,55499,29697	58,77849	11,44500,70303	40		
	30	8,55529,96552	58,62362	9,99971,96930	7562	8,55557,99622	58,69925	11,44442,00378	30		
	40	8,55588,51002	58,54450	9,99971,89358	7572	8,55616,61644	58,62022	11,44383,38356	20		
	50	8,55646,97560	58,46558	9,99971,81775	7583	8,55675,15785	58,54141	11,44324,84215	10		
4	0	8,55705,36248	58,38688	9,99971,74182	7593	8,55733,62065	58,46280	11,44266,37935	o	56	
	10	8,55763,67087	58,30839	9,99971,66579	7603	8,55792,00507	58,38442	11,44207,99493	50		
	20	8,55821,90097	58,23010	9,99971,58966	7613	8,55850,31131	58,30624	11,44149,68869	40		
	30	8,55880,05300	58,15203	9,99971,51343	7623	8,55908,53957	58,22826	11,44091,46043	30		
	40	8,55938,12717	58,07417	9,99971,43709	7634	8,55966,69008	58,15051	11,44033,30992	20		
	50	8,55996,12368	57,99651	9,99971,36065	7644	8,56024,76303	58,07295	11,43975,23697	10		
5	0	8,56054,04275	57,91907	9,99971,28411	7654	8,56082,75864	57,99561	11,43917,24136	o	55	
	10	8,56111,88457	57,84182	9,99971,20747	7664	8,56140,67710	57,91846	11,43859,32290	50		
	20	8,56169,64935	57,76478	9,99971,13072	7675	8,56198,51863	57,84153	11,43801,48137	40		
	30	8,56227,33731	57,68796	9,99971,05387	7685	8,56256,28344	57,76481	11,43743,71656	30		
	40	8,56284,94863	57,61132	9,99970,97692	7695	8,56313,97171	57,68827	11,43686,02829	20		
	50	8,56342,48353	57,53490	9,99970,89987	7705	8,56371,58367	57,61196	11,43628,41633	10		
6	0	8,56399,94221	57,45868	9,99970,82271	7716	8,56429,11950	57,53583	11,43570,88050	o	54	
	10	8,56457,32487	57,38266	9,99970,74546	7725	8,56486,57941	57,45991	11,43513,42059	50		
	20	8,56514,63171	57,30684	9,99970,66810	7736	8,56543,96361	57,38420	11,43456,03639	40		
	30	8,56571,86292	57,23121	9,99970,59064	7746	8,56601,27228	57,30867	11,43398,72772	30		
	40	8,56629,01871	57,15579	9,99970,51307	7757	8,56658,50564	57,23336	11,43341,49436	20		
	50	8,56686,09928	57,08057	9,99970,43541	7766	8,56715,66388	57,15824	11,43284,33612	10		
7	0	8,56743,10483	57,00555	9,99970,35764	7777	8,56772,74719	57,08331	11,43227,25281	o	53	
	10	8,56800,03554	56,93071	9,99970,27977	7787	8,56829,75577	57,00858	11,43170,24423	50		
	20	8,56856,89162	56,85608	9,99970,20180	7797	8,56886,68983	56,93406	11,43113,31017	40		
	30	8,56913,67326	56,78164	9,99970,12372	7808	8,56943,54954	56,85971	11,43056,45046	30		
	40	8,56970,38066	56,70740	9,99970,04554	7818	8,57000,33512	56,78558	11,42999,66488	20		
	50	8,57027,01401	56,63335	9,99969,96726	7828	8,57057,04675	56,71163	11,42942,95325	10		
8	0	8,57083,57350	56,55949	9,99969,88888	7838	8,57113,68462	56,63787	11,42886,31538	o	52	
	10	8,57140,05933	56,48583	9,99969,81040	7848	8,57170,24893	56,56431	11,42829,75107	50		
	20	8,57196,47168	56,41235	9,99969,73181	7859	8,57226,73987	56,49094	11,42773,26013	40		
	30	8,57252,81075	56,33907	9,99969,65313	7868	8,57283,15762	56,41775	11,42716,84238	30		
	40	8,57309,07672	56,26597	9,99969,57434	7879	8,57339,50239	56,34477	11,42660,49761	20		
	50	8,57365,26979	56,19307	9,99969,49544	7890	8,57395,77435	56,27196	11,42604,22565	10		
9	0	8,57421,39015	56,12036	9,99969,41645	7899	8,57451,97370	56,19935	11,42548,02630	o	51	
	10	8,57477,43797	56,04782	9,99969,33735	7910	8,57508,10062	56,12692	11,42491,89938	50		
	20	8,57533,41346	55,97549	9,99969,25815	7920	8,57564,15531	56,05469	11,42435,84469	40		
	30	8,57589,31679	55,90333	9,99969,17885	7930	8,57620,13794	55,98263	11,42379,86206	30		
	40	8,57645,14815	55,83136	9,99969,09945	7940	8,57676,04870	55,91076	11,42323,95130	20		
	50	8,57700,90773	55,75958	9,99969,01994	7951	8,57731,88779	55,83909	11,42268,11221	10		
10	0	8,57756,59570	55,68797	9,99968,94033	7961	8,57787,65537	55,76758	11,42212,34463	o	50	
		Sin. Comple.		SINVVM	7971	Tang. compl.	55,69627	TANGEN.	S	M	

2		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.			
M	S										
10	o	8,57756,59570		9,99968,94033		8,57787,65537		11,42212,34463	o	50	
	10	8,57812,21226	55,61656	9,99968,86062	7971	8,57843,35164	55,69627	11,42156,64836		50	
	20	8,57867,75759	55,54533	9,99968,78081	7981	8,57898,97678	55,62514	11,42101,02322		40	
	30	8,57923,23186	55,47427	9,99968,70090	7991	8,57954,53096	55,55418	11,42045,46904		30	
	40	8,57978,63526	55,40340	9,99968,62088	8002	8,58010,01438	55,48342	11,41989,98562		20	
	50	8,58033,96797	55,33271	9,99968,54076	8012	8,58065,42721	55,41283	11,41934,57279		10	
11	o	8,58089,23017	55,26220	9,99968,46054	8022	8,58120,76963	55,34242	11,41879,23037	o	49	
			55,19187		8033		55,27219				
	10	8,58144,42204	55,12171	9,99968,38021	8042	8,58176,04182	55,20214	11,41823,95818		50	
	20	8,58199,54375	55,05174	9,99968,29979	8053	8,58231,24396	55,13227	11,41768,75604		40	
	30	8,58254,59549	54,98194	9,99968,21926	8063	8,58286,37623	55,06257	11,41713,62377		30	
	40	8,58309,57743	54,91232	9,99968,13863	8073	8,58341,43880	54,99306	11,41658,56120		20	
	50	8,58364,48975	54,84288	9,99968,05790	8084	8,58396,43186	54,92370	11,41603,56814		10	
12	o	8,58419,33263	54,77360	9,99967,97706	8093	8,58451,35556	54,85455	11,41548,64444	o	48	
			54,70451		8104		54,78554				
	10	8,58474,10623	54,63559	9,99967,89613	8114	8,58506,21011	54,71673	11,41493,78989		50	
	20	8,58528,81074	54,56683	9,99967,81509	8125	8,58560,99565	54,64808	11,41439,00435		40	
	30	8,58583,44633	54,49827	9,99967,73395	8134	8,58615,71238	54,57961	11,41384,28762		30	
	40	8,58638,01316	54,42985	9,99967,65270	8145	8,58670,36046	54,51131	11,41329,63954		20	
	50	8,58692,51143	54,36163	9,99967,57136	8155	8,58724,94007	54,44317	11,41275,05993		10	
13	o	8,58746,94128	54,29356	9,99967,48991	8166	8,58779,45138	54,37521	11,41220,54862	o	47	
			54,22567		8175		54,30743				
	10	8,58801,30291	54,15794	9,99967,40836	8186	8,58833,89455	54,23980	11,41166,10545		50	
	20	8,58855,59647	54,09039	9,99967,32670	8196	8,58888,26976	54,17235	11,41111,73024		40	
	30	8,58909,82214	54,02301	9,99967,24495	8206	8,58942,57719	54,10506	11,41057,42281		30	
	40	8,58963,98008	53,95578	9,99967,16309	8216	8,58996,81699	54,03795	11,41003,18301		20	
	50	8,59018,07047	53,88873	9,99967,08113	8227	8,59050,98934	53,97100	11,40949,01066		10	
14	o	8,59072,09348	53,82185	9,99966,99907	8237	8,59105,09440	53,90422	11,40894,90560	o	46	
			53,75513		8247		53,83759				
	10	8,59126,04926	53,68857	9,99966,91691	8257	8,59159,13235	53,77115	11,40840,86765		50	
	20	8,59179,93799	53,62218	9,99966,83464	8267	8,59213,10335	53,70485	11,40786,89665		40	
	30	8,59233,75984	53,55595	9,99966,75227	8278	8,59267,00757	53,63873	11,40732,99243		30	
	40	8,59287,51497	53,48989	9,99966,66980	8288	8,59320,84516	53,57277	11,40679,15484		20	
	50	8,59341,20354	53,42398	9,99966,58723	8298	8,59374,61631	53,50697	11,40625,38369		10	
15	o	8,59394,82572	53,35825	9,99966,50456	8309	8,59428,32116	53,44133	11,40571,67884	o	45	
			53,29267		8318		53,37585				
	10	8,59448,38167	53,22725	9,99966,42178	8329	8,59481,95989	53,31054	11,40518,04011		50	
	20	8,59501,87156	53,16199	9,99966,33890	8339	8,59535,53266	53,24538	11,40464,46734		40	
	30	8,59555,29554	53,09690	9,99966,25592	8349	8,59589,03963	53,18039	11,40410,96037		30	
	40	8,59608,65379	53,03195	9,99966,17283	8360	8,59642,48096	53,11555	11,40357,51904		20	
	50	8,59661,94646	52,96718	9,99966,08965	8370	8,59695,85681	53,05087	11,40304,14319		10	
16	o	8,59715,17371	52,90255	9,99966,00636	8380	8,59749,16735	52,98636	11,40250,83265	o	44	
			52,83809		8390		52,92198				
	10	8,59768,33570	52,77377	9,99965,92297	8400	8,59802,41273	52,85779	11,40197,58727		50	
	20	8,59821,43260	52,70963	9,99965,83948	8411	8,59855,59312	52,79373	11,40144,40688		40	
	30	8,59874,46455	52,64563	9,99965,75588	8421	8,59908,70867	52,72983	11,40091,29133		30	
	40	8,59927,43173	52,58178	9,99965,67218	8431	8,59961,75954	52,66610	11,40038,24046		20	
	50	8,59980,33428	52,51810	9,99965,58838	8441	8,60014,74590	52,60251	11,39985,25410		10	
17	o	8,60033,17237	52,45456	9,99965,50448	8452	8,60067,66788	52,53908	11,39932,33212	o	43	
			52,39119		8461		52,47580				
	10	8,60085,94614	52,32795	9,99965,42048	8472	8,60120,52567	52,41267	11,39879,47433		50	
	20	8,60138,65577	52,26488	9,99965,33637	8483	8,60173,31940	52,34970	11,39826,68060		40	
	30	8,60191,30140	52,20195	9,99965,25216	8492	8,60226,04923	52,28688	11,39773,95077		30	
	40	8,60243,88318	52,13919	9,99965,16785	8503	8,60278,71533	52,22421	11,39721,28467		20	
	50	8,60296,40128	52,07656	9,99965,08344	8512	8,60331,31784	52,16169	11,39668,68216		10	
18	o	8,60348,85584	52,01408	9,99964,99892	8524	8,60383,85692	52,09932	11,39616,14308	o	42	
			51,95177		8533		52,03709				
	10	8,60401,24703	51,88959	9,99964,91431	8543	8,60436,33272	51,97503	11,39563,66728		50	
	20	8,60453,57498	51,82756	9,99964,82959	8554	8,60488,74539	51,91310	11,39511,25461		40	
	30	8,60505,83986	51,76568	9,99964,74476	8564	8,60541,09509	51,85133	11,39458,90491		30	
	40	8,60558,04181	51,70396	9,99964,65984	8574	8,60593,38197	51,78969	11,39406,61803		20	
	50	8,60610,18100	51,64237	9,99964,57481	8585	8,60645,60618	51,72822	11,39354,39382		10	
19	o	8,60662,25756		9,99964,48969		8,60697,76787		11,39302,23213	o	41	
	10	8,60714,27164		9,99964,40445		8,60749,86719		11,39250,13281		50	
	20	8,60766,22341		9,99964,31912		8,60801,90428		11,39198,09572		40	
	30	8,60818,11300		9,99964,23369		8,60853,87931		11,39146,12069		30	
	40	8,60869,94056		9,99964,14815		8,60905,79241		11,39094,20759		20	
	50	8,60921,70624		9,99964,06251		8,60957,64374		11,39042,35626		10	
20	o	8,60973,41020		9,99963,97677		8,61009,43343		11,38990,56657	o	40	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M	

2		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
20	0	8,60973,41020		9,99963,97677	8585	8,61009,43343	51,72822	11,38990,56657	0	40
	10	8,61025,05257	51,64237	9,99963,89092	8595	8,61061,16165	51,66688	11,38938,83835	50	
	20	8,61076,63351	51,58094	9,99963,80497	8604	8,61112,82853	51,60569	11,38887,17147	40	
	30	8,61128,15315	51,51964	9,99963,71893	8616	8,61164,43422	51,54465	11,38835,56578	30	
	40	8,61179,61164	51,45849	9,99963,63277	8625	8,61215,97887	51,48375	11,38784,02113	20	
	50	8,61231,00914	51,39750	9,99963,54652	8635	8,61267,46262	51,42299	11,38732,53738	10	
21	0	8,61282,34577	51,33663	9,99963,46017	8646	8,61318,88561	51,36238	11,38681,11439	0	39
	10	8,61333,62170	51,27593	9,99963,37371	8656	8,61370,24799	51,30191	11,38629,75201	50	
	20	8,61384,83705	51,21535	9,99963,28715	8667	8,61421,54990	51,24159	11,38578,45010	40	
	30	8,61435,99197	51,15492	9,99963,20048	8676	8,61472,79149	51,18140	11,38527,20851	30	
	40	8,61487,08661	51,09464	9,99963,11372	8687	8,61523,97289	51,12136	11,38476,02711	20	
	50	8,61538,12111	51,03450	9,99963,02685	8697	8,61575,09425	51,06146	11,38424,90575	10	
22	0	8,61589,09560	50,97449	9,99962,93988	8707	8,61626,15571	51,00171	11,38373,84429	0	38
	10	8,61640,01023	50,91463	9,99962,85281	8717	8,61677,15742	50,94208	11,38322,84258	50	
	20	8,61690,86514	50,85491	9,99962,76564	8728	8,61728,09950	50,88260	11,38271,90050	40	
	30	8,61741,66046	50,79532	9,99962,67836	8738	8,61778,98210	50,82326	11,38221,01790	30	
	40	8,61792,39634	50,73588	9,99962,59098	8748	8,61829,80536	50,76406	11,38170,19464	20	
	50	8,61843,07292	50,67658	9,99962,50350	8758	8,61880,56942	50,70499	11,38119,43058	10	
23	0	8,61893,69033	50,61741	9,99962,41592	8768	8,61931,27441	50,64607	11,38068,72559	0	37
	10	8,61944,24872	50,55839	9,99962,32824	8779	8,61981,92048	50,58728	11,38018,07952	50	
	20	8,61994,74821	50,49949	9,99962,24045	8789	8,62032,50776	50,52863	11,37967,49224	40	
	30	8,62045,18895	50,44074	9,99962,15256	8799	8,62083,03639	50,47011	11,37916,96361	30	
	40	8,62095,57107	50,38212	9,99962,06457	8810	8,62133,50650	50,41173	11,37866,49350	20	
	50	8,62145,89470	50,32363	9,99961,97647	8819	8,62183,91823	50,35349	11,37816,08177	10	
24	0	8,62196,16000	50,26530	9,99961,88828	8830	8,62234,27172	50,29538	11,37765,72828	0	36
	10	8,62246,36708	50,20708	9,99961,79998	8840	8,62284,56710	50,23740	11,37715,43290	50	
	20	8,62296,51608	50,14900	9,99961,71158	8850	8,62334,80450	50,17956	11,37665,19550	40	
	30	8,62346,60714	50,09106	9,99961,62308	8861	8,62384,98406	50,12186	11,37615,01594	30	
	40	8,62396,64038	50,03324	9,99961,53447	8871	8,62435,10592	50,06427	11,37564,89408	20	
	50	8,62446,61596	49,97558	9,99961,44576	8881	8,62485,17019	50,00684	11,37514,82981	10	
25	0	8,62496,53398	49,91802	9,99961,35695	8891	8,62535,17703	49,94953	11,37464,82297	0	35
	10	8,62546,39460	49,86062	9,99961,26804	8901	8,62585,12656	49,89235	11,37414,87344	50	
	20	8,62596,19794	49,80334	9,99961,17903	8912	8,62635,01891	49,83530	11,37364,98109	40	
	30	8,62645,94412	49,74618	9,99961,08991	8922	8,62684,85421	49,77839	11,37315,14579	30	
	40	8,62695,63329	49,68917	9,99961,00069	8932	8,62734,63260	49,72160	11,37265,36740	20	
	50	8,62745,26557	49,63228	9,99960,91137	8942	8,62784,35420	49,66494	11,37215,64580	10	
26	0	8,62794,84109	49,57552	9,99960,82195	8953	8,62834,01914	49,60842	11,37165,98086	0	34
	10	8,62844,35998	49,51889	9,99960,73242	8963	8,62883,62756	49,55202	11,37116,37244	50	
	20	8,62893,82237	49,46239	9,99960,64279	8973	8,62933,17958	49,49575	11,37066,82042	40	
	30	8,62943,22840	49,40603	9,99960,55306	8983	8,62982,67533	49,43961	11,37017,32467	30	
	40	8,62992,57817	49,34977	9,99960,46323	8993	8,63032,11494	49,38360	11,36967,88506	20	
	50	8,63041,87184	49,29367	9,99960,37330	9004	8,63081,49854	49,32771	11,36918,50146	10	
27	0	8,63091,10951	49,23767	9,99960,28326	9014	8,63130,82625	49,27195	11,36869,17375	0	33
	10	8,63140,29132	49,18181	9,99960,19312	9024	8,63180,09820	49,21632	11,36819,90180	50	
	20	8,63189,41740	49,12608	9,99960,10288	9035	8,63229,31452	49,16082	11,36770,68548	40	
	30	8,63238,48787	49,07047	9,99960,01253	9044	8,63278,47534	49,10543	11,36721,52466	30	
	40	8,63287,50285	49,01498	9,99959,92209	9055	8,63327,58077	49,05017	11,36672,41923	20	
	50	8,63336,46248	48,95963	9,99959,83154	9065	8,63376,63094	48,99504	11,36623,36906	10	
28	0	8,63385,36687	48,90439	9,99959,74089	9075	8,63425,62598	48,94004	11,36574,37402	0	32
	10	8,63434,21616	48,84929	9,99959,65014	9086	8,63474,56602	48,88515	11,36525,43398	50	
	20	8,63483,01045	48,79429	9,99959,55928	9096	8,63523,45117	48,83040	11,36476,54883	40	
	30	8,63531,74989	48,73944	9,99959,46832	9106	8,63572,28157	48,77575	11,36427,71843	30	
	40	8,63580,43459	48,68470	9,99959,37726	9116	8,63621,05732	48,72124	11,36378,94268	20	
	50	8,63629,06466	48,63007	9,99959,28610	9126	8,63669,77856	48,66685	11,36330,22144	10	
29	0	8,63677,64025	48,57559	9,99959,19484	9137	8,63718,44541	48,61258	11,36281,55459	0	31
	10	8,63726,16146	48,52121	9,99959,10347	9147	8,63767,05799	48,55843	11,36232,94201	50	
	20	8,63774,62842	48,46696	9,99959,01200	9157	8,63815,61642	48,50440	11,36184,38358	40	
	30	8,63823,04125	48,41283	9,99958,92043	9167	8,63864,12082	48,45049	11,36135,87918	30	
	40	8,63871,40007	48,35882	9,99958,82876	9178	8,63912,57131	48,39671	11,36087,42869	20	
	50	8,63919,70500	48,30493	9,99958,73698	9187	8,63960,96802	48,34304	11,36039,03198	10	
30	0	8,63967,95616	48,25116	9,99958,64511	9199	8,64009,31106	48,28949	11,35990,68894	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

2		SINVVM	Differ.	Sin. Comple.	Diff.	TANGEN.	Differ.	Tang. compl.			
M	S	Logarithmi.		Logarithmi.		Logarithmi.	communes.	Logarithmi.			
30	o	8,63967,95616		9,99958,64511		8,64009,31106		11,35990,68894	o	30	
	10	8,64016,15367	48,19751	9,99958,55312	9199	8,64057,60055	48,28949	11,35942,39945	50		
	20	8,64064,29765	48,14398	9,99958,46104	9208	8,64105,83661	48,23606	11,35894,16339	40		
	30	8,64112,38821	48,09056	9,99958,36886	9218	8,64154,01936	48,18275	11,35845,98064	30		
	40	8,64160,42548	48,03727	9,99958,27657	9229	8,64202,14891	48,12955	11,35797,85109	20		
	50	8,64208,40958	47,98410	9,99958,18418	9239	8,64250,22539	48,07648	11,35749,77461	10		
31	o	8,64256,34061	47,93103	9,99958,09169	9249	8,64298,24892	48,02353	11,35701,75108	o	29	
	10	8,64304,21870	47,87809	9,99957,99910	9259	8,64346,21960	47,97068	11,35653,78040	50		
	20	8,64352,04396	47,82526	9,99957,90640	9270	8,64394,13756	47,91796	11,35605,86244	40		
	30	8,64399,81651	47,77255	9,99957,81360	9280	8,64442,00291	47,86535	11,35557,99709	30		
	40	8,64447,53647	47,71996	9,99957,72070	9290	8,64489,81577	47,81286	11,35510,18423	20		
	50	8,64495,20395	47,66748	9,99957,62770	9300	8,64537,57625	47,76048	11,35462,42375	10		
32	o	8,64542,81907	47,61512	9,99957,53459	9311	8,64585,28448	47,70823	11,35414,71552	o	28	
	10	8,64590,38194	47,56287	9,99957,44139	9320	8,64632,94055	47,65607	11,35367,05945	50		
	20	8,64637,89267	47,51073	9,99957,34808	9331	8,64680,54459	47,60404	11,35319,45541	40		
	30	8,64685,35138	47,45871	9,99957,25466	9342	8,64728,09672	47,55213	11,35271,90328	30		
	40	8,64732,75819	47,40681	9,99957,16115	9351	8,64775,59704	47,50032	11,35224,40296	20		
	50	8,64780,11320	47,35501	9,99957,06753	9362	8,64823,04567	47,44863	11,35176,95433	10		
33	o	8,64827,41653	47,30333	9,99956,97382	9371	8,64870,44271	47,39704	11,35129,55729	o	27	
	10	8,64874,66829	47,25176	9,99956,87999	9383	8,64917,78830	47,34559	11,35082,21170	50		
	20	8,64921,86860	47,20031	9,99956,78607	9392	8,64965,08253	47,29423	11,35034,91747	40		
	30	8,64969,01756	47,14896	9,99956,69205	9402	8,65012,32551	47,24298	11,34987,67449	30		
	40	8,65016,11528	47,09772	9,99956,59792	9413	8,65059,51736	47,19185	11,34940,48264	20		
	50	8,65063,16189	47,04661	9,99956,50369	9423	8,65106,65820	47,14084	11,34893,34180	10		
34	o	8,65110,15748	46,99559	9,99956,40935	9434	8,65153,74812	47,08992	11,34846,25188	o	26	
	10	8,65157,10217	46,94469	9,99956,31492	9443	8,65200,78725	47,03913	11,34799,21275	50		
	20	8,65203,99607	46,89390	9,99956,22038	9454	8,65247,77568	46,98843	11,34752,22432	40		
	30	8,65250,83928	46,84321	9,99956,12574	9464	8,65294,71354	46,93786	11,34705,28646	30		
	40	8,65297,63193	46,79265	9,99956,03100	9474	8,65341,60093	46,88739	11,34658,39907	20		
	50	8,65344,37411	46,74218	9,99955,93616	9484	8,65388,43795	46,83702	11,34611,56205	10		
35	o	8,65391,06593	46,69182	9,99955,84121	9495	8,65435,22472	46,78677	11,34564,77528	o	25	
	10	8,65437,70751	46,64158	9,99955,74616	9505	8,65481,96135	46,73663	11,34518,03865	50		
	20	8,65484,29895	46,59144	9,99955,65101	9515	8,65528,64793	46,68658	11,34471,35207	40		
	30	8,65530,84035	46,54140	9,99955,55576	9525	8,65575,28459	46,63666	11,34424,71541	30		
	40	8,65577,33183	46,49148	9,99955,46040	9536	8,65621,87143	46,58684	11,34378,12857	20		
	50	8,65623,77350	46,44167	9,99955,36495	9545	8,65668,40855	46,53712	11,34331,59145	10		
36	o	8,65670,16545	46,39195	9,99955,26939	9556	8,65714,89606	46,48751	11,34285,10394	o	24	
	10	8,65716,50779	46,34234	9,99955,17372	9567	8,65761,33407	46,43801	11,34238,66593	50		
	20	8,65762,80064	46,29285	9,99955,07796	9576	8,65807,72268	46,38861	11,34192,27732	40		
	30	8,65809,04409	46,24345	9,99954,98209	9587	8,65854,06199	46,33931	11,34145,93801	30		
	40	8,65855,23825	46,19416	9,99954,88612	9597	8,65900,35213	46,29014	11,34099,64787	20		
	50	8,65901,38323	46,14498	9,99954,79005	9607	8,65946,59317	46,24104	11,34053,40683	10		
37	o	8,65947,47912	46,09589	9,99954,69388	9617	8,65992,78524	46,19207	11,34007,21476	o	23	
	10	8,65993,52604	46,04692	9,99954,59760	9628	8,66038,92844	46,14320	11,33961,07156	50		
	20	8,66039,52409	45,99805	9,99954,50122	9638	8,66085,02287	46,09443	11,33914,97713	40		
	30	8,66085,47337	45,94928	9,99954,40474	9648	8,66131,06863	46,04576	11,33868,93137	30		
	40	8,66131,37398	45,90061	9,99954,30816	9658	8,66177,06582	45,99719	11,33822,93418	20		
	50	8,66177,22603	45,85205	9,99954,21148	9668	8,66223,01456	45,94874	11,33776,98544	10		
38	o	8,66223,02962	45,80359	9,99954,11469	9679	8,66268,91493	45,90037	11,33731,08507	o	22	
	10	8,66268,78485	45,75523	9,99954,01780	9689	8,66314,76705	45,85212	11,33685,23295	50		
	20	8,66314,49183	45,70698	9,99953,92081	9699	8,66360,57102	45,80397	11,33639,42898	40		
	30	8,66360,15064	45,65881	9,99953,82371	9710	8,66406,32693	45,75591	11,33593,67307	30		
	40	8,66405,76141	45,61077	9,99953,72652	9719	8,66452,03489	45,70796	11,33547,96511	20		
	50	8,66451,32422	45,56281	9,99953,62922	9730	8,66497,69500	45,66011	11,33502,30500	10		
39	o	8,66496,83918	45,51496	9,99953,53182	9740	8,66543,30736	45,61236	11,33456,69264	o	21	
	10	8,66542,30638	45,46720	9,99953,43431	9751	8,66588,87207	45,56471	11,33411,12793	50		
	20	8,66587,72594	45,41956	9,99953,33671	9760	8,66634,38923	45,51716	11,33365,61077	40		
	30	8,66633,09793	45,37199	9,99953,23900	9771	8,66679,85894	45,46971	11,33320,14106	30		
	40	8,66678,42248	45,32455	9,99953,14119	9781	8,66725,28129	45,42235	11,33274,71871	20		
	50	8,66723,69967	45,27719	9,99953,04328	9791	8,66770,65639	45,37510	11,33229,34361	10		
40	o	8,66768,92960	45,22993	9,99952,94526	9802	8,66815,98434	45,32795	11,33184,01566	o	20	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M	

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,66768,92960		9,99952,94526		8,66815,98434		11,33184,01566	0	20
	10	8,66814,11238	45,18278	9,99952,84714	9812	8,66861,26524	45,28090	11,33138,73476	50	
	20	8,66859,24810	45,13572	9,99952,74892	9822	8,66906,49917	45,23393	11,33093,50083	40	
	30	8,66904,33685	45,08875	9,99952,65060	9832	8,66951,68625	45,18708	11,33048,31375	30	
	40	8,66949,37874	45,04189	9,99952,55218	9842	8,66996,82656	45,14031	11,33003,17344	20	
	50	8,66994,37386	44,99512	9,99952,45365	9853	8,67041,92021	45,09365	11,32958,07979	10	
41	0	8,67039,32231	44,94845	9,99952,35502	9863	8,67086,96729	45,04708	11,32913,03271	0	19
	10	8,67084,22419	44,90188	9,99952,25629	9873	8,67131,96789	45,00060	11,32868,03211	50	
	20	8,67129,07958	44,85539	9,99952,15746	9883	8,67176,92213	44,95424	11,32823,07787	40	
	30	8,67173,88860	44,80902	9,99952,05852	9894	8,67221,83008	44,90795	11,32778,16992	30	
	40	8,67218,65133	44,76273	9,99951,95948	9904	8,67266,69184	44,86176	11,32733,30816	20	
	50	8,67263,36786	44,71653	9,99951,86034	9914	8,67311,50752	44,81568	11,32688,49248	10	
42	0	8,67308,03830	44,67044	9,99951,76110	9924	8,67356,27720	44,76968	11,32643,72280	0	18
	10	8,67352,66274	44,62444	9,99951,66176	9934	8,67401,00099	44,72379	11,32598,99901	50	
	20	8,67397,24128	44,57854	9,99951,56231	9945	8,67445,67897	44,67798	11,32554,32103	40	
	30	8,67441,77399	44,53271	9,99951,46276	9955	8,67490,31123	44,63226	11,32509,68877	30	
	40	8,67486,26099	44,48700	9,99951,36311	9965	8,67534,89789	44,58666	11,32465,10211	20	
	50	8,67530,70237	44,44138	9,99951,26335	9976	8,67579,43901	44,54112	11,32420,56099	10	
43	0	8,67575,09821	44,39584	9,99951,16350	9985	8,67623,93471	44,49570	11,32376,06529	0	17
	10	8,67619,44861	44,35040	9,99951,06354	9996	8,67668,38507	44,45036	11,32331,61493	50	
	20	8,67663,75367	44,30506	9,99950,96348	10006	8,67712,79019	44,40512	11,32287,20981	40	
	30	8,67708,01347	44,25980	9,99950,86331	10017	8,67757,15015	44,35996	11,32242,84985	30	
	40	8,67752,22811	44,21464	9,99950,76305	10026	8,67801,46506	44,31491	11,32198,53494	20	
	50	8,67796,39767	44,16956	9,99950,66268	10037	8,67845,73499	44,26993	11,32154,26501	10	
44	0	8,67840,52226	44,12459	9,99950,56221	10047	8,67889,96005	44,22506	11,32110,03995	0	16
	10	8,67884,60197	44,07971	9,99950,46164	10057	8,67934,14033	44,18028	11,32065,85967	50	
	20	8,67928,63687	44,03490	9,99950,36096	10068	8,67978,27591	44,13558	11,32021,72409	40	
	30	8,67972,62707	43,99020	9,99950,26019	10077	8,68022,36689	44,09098	11,31977,63311	30	
	40	8,68016,57266	43,94559	9,99950,15931	10088	8,68066,41335	44,04646	11,31933,58665	20	
	50	8,68060,47372	43,90106	9,99950,05832	10099	8,68110,41540	44,00205	11,31889,58460	10	
45	0	8,68104,33035	43,85663	9,99949,95724	10108	8,68154,37311	43,95771	11,31845,62689	0	15
	10	8,68148,14263	43,81228	9,99949,85605	10119	8,68198,28657	43,91346	11,31801,71343	50	
	20	8,68191,91065	43,76802	9,99949,75476	10129	8,68242,15589	43,86932	11,31757,84411	40	
	30	8,68235,63451	43,72386	9,99949,65337	10139	8,68285,98114	43,82525	11,31714,01886	30	
	40	8,68279,31429	43,67978	9,99949,55188	10149	8,68329,76241	43,78127	11,31670,23759	20	
	50	8,68322,95008	43,63579	9,99949,45028	10160	8,68373,49980	43,73739	11,31626,50020	10	
46	0	8,68366,54197	43,59189	9,99949,34859	10169	8,68417,19338	43,69358	11,31582,80662	0	14
	10	8,68410,09005	43,54808	9,99949,24679	10180	8,68460,84326	43,64988	11,31539,15674	50	
	20	8,68453,59440	43,50435	9,99949,14488	10191	8,68504,44952	43,60626	11,31495,55048	40	
	30	8,68497,05511	43,46071	9,99949,04288	10200	8,68548,01223	43,56271	11,31451,98777	30	
	40	8,68540,47228	43,41717	9,99948,94077	10211	8,68591,53150	43,51927	11,31408,46850	20	
	50	8,68583,84597	43,37369	9,99948,83856	10221	8,68635,00741	43,47591	11,31364,99259	10	
47	0	8,68627,17630	43,33033	9,99948,73625	10231	8,68678,44005	43,43264	11,31321,55995	0	13
	10	8,68670,46333	43,28703	9,99948,63383	10242	8,68721,82949	43,38944	11,31278,17051	50	
	20	8,68713,70716	43,24383	9,99948,53132	10251	8,68765,17584	43,34635	11,31234,82416	40	
	30	8,68756,90787	43,20071	9,99948,42870	10262	8,68808,47917	43,30333	11,31191,52083	30	
	40	8,68800,06555	43,15768	9,99948,32598	10272	8,68851,73957	43,26040	11,31148,26043	20	
	50	8,68843,18028	43,11473	9,99948,22315	10283	8,68894,95712	43,21755	11,31105,04288	10	
48	0	8,68886,25214	43,07186	9,99948,12023	10292	8,68938,13192	43,17480	11,31061,86808	0	12
	10	8,68929,28124	43,02910	9,99948,01720	10303	8,68981,26404	43,13212	11,31018,73596	50	
	20	8,68972,26764	42,98640	9,99947,91407	10313	8,69024,35357	43,08953	11,30975,64643	40	
	30	8,69015,21143	42,94379	9,99947,81084	10323	8,69067,40059	43,04702	11,30932,59941	30	
	40	8,69058,11270	42,90127	9,99947,70750	10334	8,69110,40519	43,00460	11,30889,59481	20	
	50	8,69100,97153	42,85883	9,99947,60406	10344	8,69153,36746	42,96227	11,30846,63254	10	
49	0	8,69143,78800	42,81647	9,99947,50052	10354	8,69196,28747	42,92001	11,30803,71253	0	11
	10	8,69186,56220	42,77420	9,99947,39688	10364	8,69239,16532	42,87785	11,30760,83468	50	
	20	8,69229,29421	42,73201	9,99947,29314	10374	8,69282,00107	42,83575	11,30717,99893	40	
	30	8,69271,98411	42,68990	9,99947,18929	10385	8,69324,79482	42,79375	11,30675,20518	30	
	40	8,69314,63199	42,64788	9,99947,08534	10395	8,69367,54665	42,75183	11,30632,45335	20	
	50	8,69357,23793	42,60594	9,99946,98129	10405	8,69410,25664	42,70999	11,30589,74336	10	
50	0	8,69399,80201	42,56408	9,99946,87714	10415	8,69452,92488	42,66824	11,30547,07512	0	10
			42,52231		10426		42,62656			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	8,69399,80201		9,99946,87714		8,69452,92488		11,30547,07512	0	10
	10	8,69442,32432	42,52231	9,99946,77288	10426	8,69495,55144	42,62656	11,30504,44856	50	
	20	8,69484,80492	42,48060	9,99946,66852	10436	8,69538,13640	42,58496	11,30461,86360	40	
	30	8,69527,24392	42,43900	9,99946,56406	10446	8,69580,67986	42,54346	11,30419,32014	30	
	40	8,69569,64138	42,39746	9,99946,45950	10456	8,69623,18188	42,50202	11,30376,81812	20	
	50	8,69611,99739	42,35601	9,99946,35483	10467	8,69665,64256	42,46068	11,30334,35744	10	
51	0	8,69654,31203	42,31464	9,99946,25006	10477	8,69708,06196	42,41940	11,30291,93804	0	9
	10	8,69696,58538	42,27335	9,99946,14519	10487	8,69750,44018	42,37822	11,30249,55982	50	
	20	8,69738,81751	42,23213	9,99946,04022	10497	8,69792,77729	42,33711	11,30207,22271	40	
	30	8,69781,00852	42,19101	9,99945,93515	10507	8,69835,07338	42,29609	11,30164,92662	30	
	40	8,69823,15848	42,14996	9,99945,82997	10518	8,69877,32851	42,25513	11,30122,67149	20	
	50	8,69865,26747	42,10899	9,99945,72469	10528	8,69919,54278	42,21427	11,30080,45722	10	
52	0	8,69907,33557	42,06810	9,99945,61931	10538	8,69961,71626	42,17348	11,30038,28374	0	8
	10	8,69949,36285	42,02728	9,99945,51383	10548	8,70003,84903	42,13277	11,29996,15097	50	
	20	8,69991,34940	41,98655	9,99945,40824	10559	8,70045,94117	42,09214	11,29954,05883	40	
	30	8,70033,29530	41,94590	9,99945,30255	10569	8,70087,99275	42,05158	11,29912,00725	30	
	40	8,70075,20062	41,90532	9,99945,19676	10579	8,70130,00386	42,01111	11,29869,99614	20	
	50	8,70117,06545	41,86483	9,99945,09087	10589	8,70171,97458	41,97072	11,29828,02542	10	
53	0	8,70158,88985	41,82440	9,99944,98487	10600	8,70213,90498	41,93040	11,29786,09502	0	7
	10	8,70200,67391	41,78406	9,99944,87877	10610	8,70255,79514	41,89016	11,29744,20486	50	
	20	8,70242,41771	41,74380	9,99944,77257	10620	8,70297,64514	41,85000	11,29702,35486	40	
	30	8,70284,12132	41,70361	9,99944,66627	10630	8,70339,45505	41,80991	11,29660,54495	30	
	40	8,70325,78482	41,66350	9,99944,55986	10641	8,70381,22496	41,76991	11,29618,77504	20	
	50	8,70367,40829	41,62347	9,99944,45336	10650	8,70422,95494	41,72998	11,29577,04506	10	
54	0	8,70408,99180	41,58351	9,99944,34675	10661	8,70464,64506	41,69012	11,29535,35494	0	6
	10	8,70450,53543	41,54363	9,99944,24003	10672	8,70506,29540	41,65034	11,29493,70460	50	
	20	8,70492,03926	41,50383	9,99944,13322	10681	8,70547,90604	41,61064	11,29452,09396	40	
	30	8,70533,50336	41,46410	9,99944,02630	10692	8,70589,47706	41,57102	11,29410,52294	30	
	40	8,70574,92781	41,42445	9,99943,91928	10702	8,70631,00853	41,53147	11,29368,99147	20	
	50	8,70616,31268	41,38487	9,99943,81216	10712	8,70672,50052	41,49199	11,29327,49948	10	
55	0	8,70657,65805	41,34537	9,99943,70494	10722	8,70713,95312	41,45260	11,29286,04688	0	5
	10	8,70698,96400	41,30595	9,99943,59761	10733	8,70755,36639	41,41327	11,29244,63361	50	
	20	8,70740,23059	41,26659	9,99943,49018	10743	8,70796,74041	41,37402	11,29203,25959	40	
	30	8,70781,45791	41,22732	9,99943,38265	10753	8,70838,07526	41,33485	11,29161,92474	30	
	40	8,70822,64603	41,18812	9,99943,27502	10763	8,70879,37101	41,29575	11,29120,62899	20	
	50	8,70863,79502	41,14899	9,99943,16728	10774	8,70920,62773	41,25672	11,29079,37227	10	
56	0	8,70904,90495	41,10993	9,99943,05945	10783	8,70961,84551	41,21778	11,29038,15449	0	4
	10	8,70945,97591	41,07096	9,99942,95150	10795	8,71003,02440	41,17889	11,28996,97560	50	
	20	8,70987,00796	41,03205	9,99942,84346	10804	8,71044,16450	41,14010	11,28955,83550	40	
	30	8,71028,00118	40,99322	9,99942,73532	10814	8,71085,26586	41,10136	11,28914,73414	30	
	40	8,71068,95564	40,95446	9,99942,62707	10825	8,71126,32857	41,06271	11,28873,67143	20	
	50	8,71109,87141	40,91577	9,99942,51872	10835	8,71167,35269	41,02412	11,28832,64731	10	
57	0	8,71150,74857	40,87716	9,99942,41027	10845	8,71208,33830	40,98561	11,28791,66170	0	3
	10	8,71191,58719	40,83862	9,99942,30171	10856	8,71249,28547	40,94717	11,28750,71453	50	
	20	8,71232,38734	40,80015	9,99942,19306	10865	8,71290,19428	40,90881	11,28709,80572	40	
	30	8,71273,14909	40,76175	9,99942,08430	10876	8,71331,06479	40,87051	11,28668,93521	30	
	40	8,71313,87252	40,72343	9,99941,97544	10886	8,71371,89708	40,83229	11,28628,10292	20	
	50	8,71354,55770	40,68518	9,99941,86647	10897	8,71412,69123	40,79415	11,28587,30877	10	
58	0	8,71395,20470	40,64700	9,99941,75741	10906	8,71453,44729	40,75606	11,28546,55271	0	2
	10	8,71435,81358	40,60888	9,99941,64824	10917	8,71494,16535	40,71806	11,28505,83465	50	
	20	8,71476,38443	40,57085	9,99941,53897	10927	8,71534,84547	40,68012	11,28465,15453	40	
	30	8,71516,91732	40,53289	9,99941,42959	10938	8,71575,48772	40,64225	11,28424,51228	30	
	40	8,71557,41230	40,49498	9,99941,32012	10947	8,71616,09219	40,60447	11,28383,90781	20	
	50	8,71597,86947	40,45717	9,99941,21054	10958	8,71656,65893	40,56674	11,28343,34107	10	
59	0	8,71638,28887	40,41940	9,99941,10086	10968	8,71697,18801	40,52908	11,28302,81199	0	1
	10	8,71678,67059	40,38172	9,99940,99108	10978	8,71737,67952	40,49151	11,28262,32048	50	
	20	8,71719,01470	40,34411	9,99940,88119	10989	8,71778,13351	40,45399	11,28221,86649	40	
	30	8,71759,32126	40,30656	9,99940,77121	10998	8,71818,55005	40,41654	11,28181,44995	30	
	40	8,71799,59035	40,26909	9,99940,66112	11009	8,71858,92923	40,37918	11,28141,07077	20	
	50	8,71839,82203	40,23168	9,99940,55092	11020	8,71899,27110	40,34187	11,28100,72890	10	
60	0	8,71880,01637	40,19434	9,99940,44063	11029	8,71939,57574	40,30464	11,28060,42426	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	8,71880,01637		9,99940,44063		8,71939,57574		11,28060,42426	o	60
	10	8,71920,17344	40,15707	9,99940,33023	11040	8,71979,84321	40,26747	11,28020,15679	50	
	20	8,71960,29332	40,11988	9,99940,21973	11050	8,72020,07358	40,23037	11,27979,92642	40	
	30	8,72000,37606	40,08274	9,99940,10913	11060	8,72060,26693	40,19335	11,27939,73307	30	
	40	8,72040,42175	40,04569	9,99939,99843	11070	8,72100,42332	40,15639	11,27899,57668	20	
	50	8,72080,43044	40,00869	9,99939,88762	11081	8,72140,54282	40,11950	11,27859,45718	10	
1	0	8,72120,40220	39,97176	9,99939,77671	11091	8,72180,62549	40,08267	11,27819,37451	0	59
	10	8,72160,33711	39,93491	9,99939,66570	11101	8,72220,67141	40,04592	11,27779,32859	50	
	20	8,72200,23523	39,89812	9,99939,55459	11111	8,72260,68064	40,00923	11,27739,31936	40	
	30	8,72240,09662	39,86139	9,99939,44337	11122	8,72300,65325	39,97261	11,27699,34675	30	
	40	8,72279,92136	39,82474	9,99939,33206	11131	8,72340,58931	39,93606	11,27659,41069	20	
	50	8,72319,70951	39,78815	9,99939,22064	11142	8,72380,48888	39,89957	11,27619,51112	10	
2	0	8,72359,46115	39,75164	9,99939,10911	11153	8,72420,35203	39,86315	11,27579,64797	0	58
	10	8,72399,17632	39,71517	9,99938,99749	11162	8,72460,17884	39,82681	11,27539,82116	50	
	20	8,72438,85511	39,67879	9,99938,88576	11173	8,72499,96935	39,79051	11,27500,03065	40	
	30	8,72478,49758	39,64247	9,99938,77393	11183	8,72539,72365	39,75430	11,27460,27635	30	
	40	8,72518,10380	39,60622	9,99938,66200	11193	8,72579,44180	39,71815	11,27420,55820	20	
	50	8,72557,67382	39,57002	9,99938,54996	11204	8,72619,12386	39,68206	11,27380,87614	10	
3	0	8,72597,20773	39,53391	9,99938,43783	11213	8,72658,76990	39,64604	11,27341,23010	0	57
	10	8,72636,70557	39,49784	9,99938,32559	11224	8,72698,37998	39,61008	11,27301,62002	50	
	20	8,72676,16743	39,46186	9,99938,21325	11234	8,72737,95418	39,57420	11,27262,04582	40	
	30	8,72715,59336	39,42593	9,99938,10080	11245	8,72777,49255	39,53837	11,27222,50745	30	
	40	8,72754,98342	39,39006	9,99937,98825	11255	8,72816,99517	39,50262	11,27183,00483	20	
	50	8,72794,33769	39,35427	9,99937,87561	11264	8,72856,46209	39,46692	11,27143,53791	10	
4	0	8,72833,65623	39,31854	9,99937,76285	11276	8,72895,89338	39,43129	11,27104,10662	0	56
	10	8,72872,93911	39,28288	9,99937,65000	11285	8,72935,28911	39,39573	11,27064,71089	50	
	20	8,72912,18638	39,24727	9,99937,53705	11295	8,72974,64933	39,36022	11,27025,35067	40	
	30	8,72951,39811	39,21173	9,99937,42399	11306	8,73013,97413	39,32480	11,26986,02587	30	
	40	8,72990,57437	39,17626	9,99937,31083	11316	8,73053,26355	39,28942	11,26946,73645	20	
	50	8,73029,71522	39,14085	9,99937,19756	11327	8,73092,51766	39,25411	11,26907,48234	10	
5	0	8,73068,82073	39,10551	9,99937,08420	11336	8,73131,73653	39,21887	11,26868,26347	0	55
	10	8,73107,89095	39,07022	9,99936,97073	11347	8,73170,92022	39,18369	11,26829,07978	50	
	20	8,73146,92595	39,03500	9,99936,85716	11357	8,73210,06879	39,14857	11,26789,93121	40	
	30	8,73185,92580	38,99985	9,99936,74349	11367	8,73249,18231	39,11352	11,26750,81769	30	
	40	8,73224,89056	38,96476	9,99936,62971	11378	8,73288,26084	39,07853	11,26711,73916	20	
	50	8,73263,82028	38,92972	9,99936,51584	11387	8,73327,30445	39,04361	11,26672,69555	10	
6	0	8,73302,71504	38,89476	9,99936,40186	11398	8,73366,31318	39,00873	11,26633,68682	0	54
	10	8,73341,57489	38,85985	9,99936,28777	11409	8,73405,28712	38,97394	11,26594,71288	50	
	20	8,73380,39990	38,82501	9,99936,17359	11418	8,73444,22632	38,93920	11,26555,77368	40	
	30	8,73419,19014	38,79024	9,99936,05930	11429	8,73483,13083	38,90451	11,26516,86917	30	
	40	8,73457,94565	38,75551	9,99935,94491	11439	8,73522,00074	38,86991	11,26477,99926	20	
	50	8,73496,66651	38,72086	9,99935,83042	11449	8,73560,83609	38,83535	11,26439,16391	10	
7	0	8,73535,35277	38,68626	9,99935,71583	11459	8,73599,63695	38,80086	11,26400,36305	0	53
	10	8,73574,00451	38,65174	9,99935,60113	11470	8,73638,40338	38,76643	11,26361,59662	50	
	20	8,73612,62177	38,61726	9,99935,48633	11480	8,73677,13544	38,73206	11,26322,86456	40	
	30	8,73651,20462	38,58285	9,99935,37143	11490	8,73715,83319	38,69775	11,26284,16681	30	
	40	8,73689,75312	38,54850	9,99935,25643	11500	8,73754,49669	38,66350	11,26245,50331	20	
	50	8,73728,26734	38,51422	9,99935,14132	11511	8,73793,12601	38,62932	11,26206,87399	10	
8	0	8,73766,74733	38,47999	9,99935,02611	11521	8,73831,72121	38,59520	11,26168,27879	0	52
	10	8,73805,19315	38,44582	9,99934,91080	11531	8,73870,28234	38,56113	11,26129,71766	50	
	20	8,73843,60486	38,41171	9,99934,79539	11541	8,73908,80947	38,52713	11,26091,19053	40	
	30	8,73881,98253	38,37767	9,99934,67988	11551	8,73947,30266	38,49319	11,26052,69734	30	
	40	8,73920,32622	38,34369	9,99934,56426	11562	8,73985,76196	38,45930	11,26014,23804	20	
	50	8,73958,63598	38,30976	9,99934,44854	11572	8,74024,18744	38,42548	11,25975,81256	10	
9	0	8,73996,91187	38,27589	9,99934,33272	11582	8,74062,57915	38,39171	11,25937,42085	0	51
	10	8,74035,15396	38,24209	9,99934,21679	11593	8,74100,93717	38,35802	11,25899,06283	50	
	20	8,74073,36230	38,20834	9,99934,10076	11603	8,74139,26153	38,32436	11,25860,73847	40	
	30	8,74111,53695	38,17465	9,99933,98463	11613	8,74177,55232	38,29079	11,25822,44768	30	
	40	8,74149,67797	38,14102	9,99933,86840	11623	8,74215,80957	38,25725	11,25784,19043	20	
	50	8,74187,78543	38,10746	9,99933,75207	11633	8,74254,03336	38,22379	11,25745,96664	10	
10	0	8,74225,85937	38,07394	9,99933,63563	11644	8,74292,22374	38,19038	11,25707,77626	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	8,74225,85937	38,04050	9,99933,63563	11654	8,74292,22374	38,15704	11,25707,77626	0	50
	10	8,74263,89987	38,00710	9,99933,51909	11664	8,74330,38078	38,12374	11,25669,61922	50	
	20	8,74301,90697	37,97376	9,99933,40245	11675	8,74368,50452	38,09051	11,25631,49548	40	
	30	8,74339,88073	37,94049	9,99933,28570	11684	8,74406,59503	38,05733	11,25593,40497	30	
	40	8,74377,82122	37,90727	9,99933,16886	11695	8,74444,65236	38,02422	11,25555,34764	20	
	50	8,74415,72849	37,87411	9,99933,05191	11705	8,74482,67658	37,99117	11,25517,32342	10	
11	0	8,74453,60260	37,84101	9,99932,93486	11716	8,74520,66775	37,95816	11,25479,33225	0	49
	10	8,74491,44361	37,80796	9,99932,81770	11725	8,74558,62591	37,92522	11,25441,37409	50	
	20	8,74529,25157	37,77498	9,99932,70045	11736	8,74596,55113	37,89233	11,25403,44887	40	
	30	8,74567,02655	37,74205	9,99932,58309	11746	8,74634,44346	37,85951	11,25365,55654	30	
	40	8,74604,76860	37,70917	9,99932,46563	11756	8,74672,30297	37,82673	11,25327,69703	20	
	50	8,74642,47777	37,67635	9,99932,34807	11767	8,74710,12970	37,79402	11,25289,87030	10	
12	0	8,74680,15412	37,64360	9,99932,23040	11777	8,74747,92372	37,76137	11,25252,07628	0	48
	10	8,74717,79772	37,61090	9,99932,11263	11787	8,74785,68509	37,72876	11,25214,31491	50	
	20	8,74755,40862	37,57825	9,99931,99476	11797	8,74823,41385	37,69623	11,25176,58615	40	
	30	8,74792,98687	37,54566	9,99931,87679	11808	8,74861,11008	37,66373	11,25138,88992	30	
	40	8,74830,53253	37,51312	9,99931,75871	11817	8,74898,77381	37,63131	11,25101,22619	20	
	50	8,74868,04565	37,48065	9,99931,64054	11828	8,74936,40512	37,59893	11,25063,59488	10	
13	0	8,74905,52630	37,44823	9,99931,52226	11839	8,74974,00405	37,56661	11,25025,99595	0	47
	10	8,74942,97453	37,41587	9,99931,40387	11848	8,75011,57066	37,53435	11,24988,42934	50	
	20	8,74980,39040	37,38355	9,99931,28539	11859	8,75049,10501	37,50214	11,24950,89499	40	
	30	8,75017,77395	37,35131	9,99931,16680	11869	8,75086,60715	37,46999	11,24913,39285	30	
	40	8,75055,12526	37,31910	9,99931,04811	11879	8,75124,07714	37,43790	11,24875,92286	20	
	50	8,75092,44436	37,28696	9,99930,92932	11889	8,75161,51504	37,40585	11,24838,48496	10	
14	0	8,75129,73132	37,25487	9,99930,81043	11900	8,75198,92089	37,37387	11,24801,07911	0	46
	10	8,75166,98619	37,22284	9,99930,69143	11910	8,75236,29476	37,34194	11,24763,70524	50	
	20	8,75204,20903	37,19087	9,99930,57233	11920	8,75273,63670	37,31007	11,24726,36330	40	
	30	8,75241,39990	37,15893	9,99930,45313	11931	8,75310,94677	37,27824	11,24689,05323	30	
	40	8,75278,55883	37,12708	9,99930,33382	11940	8,75348,22501	37,24648	11,24651,77499	20	
	50	8,75315,68591	37,09525	9,99930,21442	11951	8,75385,47149	37,21476	11,24614,52851	10	
15	0	8,75352,78116	37,06350	9,99930,09491	11961	8,75422,68625	37,18311	11,24577,31375	0	45
	10	8,75389,84466	37,03179	9,99929,97530	11972	8,75459,86936	37,15150	11,24540,13064	50	
	20	8,75426,87645	37,00014	9,99929,85558	11981	8,75497,02086	37,11996	11,24502,97914	40	
	30	8,75463,87659	36,96854	9,99929,73577	11992	8,75534,14082	37,08846	11,24465,85918	30	
	40	8,75500,84513	36,93700	9,99929,61585	12002	8,75571,22928	37,05702	11,24428,77072	20	
	50	8,75537,78213	36,90550	9,99929,49583	12012	8,75608,28630	37,02563	11,24391,71370	10	
16	0	8,75574,68763	36,87407	9,99929,37571	12023	8,75645,31193	36,99429	11,24354,68807	0	44
	10	8,75611,56170	36,84269	9,99929,25548	12033	8,75682,30622	36,96302	11,24317,69378	50	
	20	8,75648,40439	36,81136	9,99929,13515	12043	8,75719,26924	36,93178	11,24280,73076	40	
	30	8,75685,21575	36,78007	9,99929,01472	12053	8,75756,20102	36,90062	11,24243,79898	30	
	40	8,75721,99582	36,74886	9,99928,89419	12064	8,75793,10164	36,86948	11,24206,89836	20	
	50	8,75758,74468	36,71768	9,99928,77355	12073	8,75829,97112	36,83842	11,24170,02888	10	
17	0	8,75795,46236	36,68656	9,99928,65282	12084	8,75866,80954	36,80741	11,24133,19046	0	43
	10	8,75832,14892	36,65550	9,99928,53198	12095	8,75903,61695	36,77644	11,24096,38305	50	
	20	8,75868,80442	36,62448	9,99928,41103	12104	8,75940,39339	36,74553	11,24059,60661	40	
	30	8,75905,42890	36,59353	9,99928,28999	12115	8,75977,13892	36,71466	11,24022,86108	30	
	40	8,75942,02243	36,56261	9,99928,16884	12125	8,76013,85358	36,68387	11,23986,14642	20	
	50	8,75978,58504	36,53175	9,99928,04759	12135	8,76050,53745	36,65310	11,23949,46255	10	
18	0	8,76015,11679	36,50095	9,99927,92624	12146	8,76087,19055	36,62241	11,23912,80945	0	42
	10	8,76051,61774	36,47019	9,99927,80478	12155	8,76123,81296	36,59175	11,23876,18704	50	
	20	8,76088,08793	36,43950	9,99927,68323	12166	8,76160,40471	36,56115	11,23839,59529	40	
	30	8,76124,52743	36,40884	9,99927,56157	12176	8,76196,96586	36,53060	11,23803,03414	30	
	40	8,76160,93627	36,37824	9,99927,43981	12187	8,76233,49646	36,50011	11,23766,50354	20	
	50	8,76197,31451	36,34769	9,99927,31794	12197	8,76269,99657	36,46966	11,23730,00343	10	
19	0	8,76233,66220	36,31720	9,99927,19597	12207	8,76306,46623	36,43926	11,23693,53377	0	41
	10	8,76269,97940	36,28675	9,99927,07390	12217	8,76342,90549	36,40892	11,23657,09451	50	
	20	8,76306,26615	36,25635	9,99926,95173	12227	8,76379,31441	36,37863	11,23620,68559	40	
	30	8,76342,52250	36,22601	9,99926,82946	12238	8,76415,69304	36,34839	11,23584,30696	30	
	40	8,76378,74851	36,19571	9,99926,70708	12248	8,76452,04143	36,31819	11,23547,95857	20	
	50	8,76414,94422	36,16548	9,99926,58460	12258	8,76488,35962	36,28805	11,23511,64038	10	
20	0	8,76451,10970	36,13527	9,99926,46202	12268	8,76524,64767	36,25796	11,23475,35233	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	8,76451,10970		9,99926,46202		8,76524,64767		11,23475,35233	0	40
	10	8,76487,24497	36,13527	9,99926,33934	12268	8,76560,90563	36,25796	11,23439,09437	50	
	20	8,76523,35011	36,10514	9,99926,21655	12279	8,76597,13356	36,22793	11,23402,86644	40	
	30	8,76559,42515	36,07504	9,99926,09366	12289	8,76633,33149	36,19793	11,23366,66851	30	
	40	8,76595,47015	36,04500	9,99925,97067	12299	8,76669,49948	36,16799	11,23330,50052	20	
	50	8,76631,48515	36,01500	9,99925,84758	12309	8,76705,63757	36,13809	11,23294,36243	10	
21	0	8,76667,47021	35,98506	9,99925,72438	12320	8,76741,74583	36,10826	11,23258,25417	0	39
	10	8,76703,42538	35,95517	9,99925,60109	12329	8,76777,82430	36,07847	11,23222,17570	50	
	20	8,76739,35071	35,92533	9,99925,47768	12341	8,76813,87302	36,04872	11,23186,12698	40	
	30	8,76775,24623	35,89552	9,99925,35418	12350	8,76849,89205	36,01903	11,23150,10795	30	
	40	8,76811,11201	35,86578	9,99925,23058	12360	8,76885,88144	35,98939	11,23114,11856	20	
	50	8,76846,94810	35,83609	9,99925,10687	12371	8,76921,84123	35,95979	11,23078,15877	10	
22	0	8,76882,75454	35,80644	9,99924,98306	12381	8,76957,77148	35,93025	11,23042,22852	0	38
	10	8,76918,53137	35,77683	9,99924,85914	12392	8,76993,67223	35,90075	11,23006,32777	50	
	20	8,76954,27866	35,74729	9,99924,73513	12401	8,77029,54353	35,87130	11,22970,45647	40	
	30	8,76989,99644	35,71778	9,99924,61101	12412	8,77065,38543	35,84190	11,22934,61457	30	
	40	8,77025,68478	35,68834	9,99924,48679	12422	8,77101,19799	35,81256	11,22898,80201	20	
	50	8,77061,34370	35,65892	9,99924,36247	12432	8,77136,98124	35,78325	11,22863,01876	10	
23	0	8,77096,97327	35,62957	9,99924,23804	12443	8,77172,73523	35,75399	11,22827,26477	0	37
	10	8,77132,57354	35,60027	9,99924,11352	12452	8,77208,46002	35,72479	11,22791,53998	50	
	20	8,77168,14454	35,57100	9,99923,98889	12463	8,77244,15565	35,69563	11,22755,84435	40	
	30	8,77203,68633	35,54179	9,99923,86415	12474	8,77279,82217	35,66652	11,22720,17783	30	
	40	8,77239,19895	35,51262	9,99923,73932	12483	8,77315,45963	35,63746	11,22684,54037	20	
	50	8,77274,68245	35,48350	9,99923,61438	12494	8,77351,06807	35,60844	11,22648,93193	10	
24	0	8,77310,13689	35,45444	9,99923,48934	12504	8,77386,64755	35,57948	11,22613,35245	0	36
	10	8,77345,56231	35,42542	9,99923,36420	12514	8,77422,19811	35,55056	11,22577,80189	50	
	20	8,77380,95875	35,39644	9,99923,23896	12524	8,77457,71979	35,52168	11,22542,28021	40	
	30	8,77416,32626	35,36751	9,99923,11361	12535	8,77493,21265	35,49286	11,22506,78735	30	
	40	8,77451,66489	35,33863	9,99922,98816	12545	8,77528,67673	35,46408	11,22471,32327	20	
	50	8,77486,97468	35,30979	9,99922,86261	12555	8,77564,11208	35,43535	11,22435,88792	10	
25	0	8,77522,25569	35,28101	9,99922,73695	12566	8,77599,51874	35,40666	11,22400,48126	0	35
	10	8,77557,50796	35,25227	9,99922,61120	12575	8,77634,89677	35,37803	11,22365,10323	50	
	20	8,77592,73154	35,22358	9,99922,48534	12586	8,77670,24620	35,34943	11,22329,75380	40	
	30	8,77627,92647	35,19493	9,99922,35938	12596	8,77705,56710	35,32090	11,22294,43290	30	
	40	8,77663,09280	35,16633	9,99922,23331	12607	8,77740,85949	35,29239	11,22259,14051	20	
	50	8,77698,23057	35,13777	9,99922,10714	12617	8,77776,12343	35,26394	11,22223,87657	10	
26	0	8,77733,33984	35,10927	9,99921,98088	12626	8,77811,35896	35,23553	11,22188,64104	0	34
	10	8,77768,42064	35,08080	9,99921,85450	12638	8,77846,56614	35,20718	11,22153,43386	50	
	20	8,77803,47303	35,05239	9,99921,72803	12647	8,77881,74500	35,17886	11,22118,25500	40	
	30	8,77838,49705	35,02402	9,99921,60145	12658	8,77916,89560	35,15060	11,22083,10440	30	
	40	8,77873,49274	34,99569	9,99921,47478	12667	8,77952,01797	35,12237	11,22047,98203	20	
	50	8,77908,46016	34,96742	9,99921,34799	12679	8,77987,11216	35,09419	11,22012,88784	10	
27	0	8,77943,39934	34,93918	9,99921,22111	12688	8,78022,17823	35,06607	11,21977,82177	0	33
	10	8,77978,31033	34,91099	9,99921,09412	12699	8,78057,21621	35,03798	11,21942,78379	50	
	20	8,78013,19318	34,88285	9,99920,96704	12708	8,78092,22614	35,00993	11,21907,77386	40	
	30	8,78048,04793	34,85475	9,99920,83985	12719	8,78127,20809	34,98195	11,21872,79191	30	
	40	8,78082,87463	34,82670	9,99920,71255	12730	8,78162,16208	34,95399	11,21837,83792	20	
	50	8,78117,67332	34,79869	9,99920,58516	12739	8,78197,08817	34,92609	11,21802,91183	10	
28	0	8,78152,44405	34,77073	9,99920,45766	12750	8,78231,98639	34,89822	11,21768,01361	0	32
	10	8,78187,18686	34,74281	9,99920,33006	12760	8,78266,85681	34,87042	11,21733,14319	50	
	20	8,78221,90180	34,71494	9,99920,20235	12771	8,78301,69945	34,84264	11,21698,30055	40	
	30	8,78256,58891	34,68711	9,99920,07455	12780	8,78336,51436	34,81491	11,21663,48564	30	
	40	8,78291,24823	34,65932	9,99919,94664	12791	8,78371,30159	34,78723	11,21628,69841	20	
	50	8,78325,87982	34,63159	9,99919,81863	12801	8,78406,06119	34,75960	11,21593,93881	10	
29	0	8,78360,48370	34,60388	9,99919,69052	12811	8,78440,79319	34,73200	11,21559,20681	0	31
	10	8,78395,05994	34,57624	9,99919,56230	12822	8,78475,49764	34,70445	11,21524,50236	50	
	20	8,78429,60857	34,54863	9,99919,43398	12832	8,78510,17459	34,67695	11,21489,82541	40	
	30	8,78464,12963	34,52106	9,99919,30556	12842	8,78544,82407	34,64948	11,21455,17593	30	
	40	8,78498,62318	34,49355	9,99919,17704	12852	8,78579,44614	34,62207	11,21420,55386	20	
	50	8,78533,08924	34,46606	9,99919,04841	12863	8,78614,04083	34,59469	11,21385,95917	10	
30	0	8,78567,52788	34,43864	9,99918,91969	12872	8,78648,60819	34,56736	11,21351,39181	0	30
		Sin. Comple.	34,41124	SINVVM	12883	Tang. compl.	34,54008	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	8,78567,52788		9,99918,91969		8,78648,60819		11,21351,39181	0	30
	10	8,78601,93912	34,41124	9,99918,79086	12883	8,78683,14827	34,54008	11,21316,85173	50	
	20	8,78636,32302	34,38390	9,99918,66192	12894	8,78717,66110	34,51283	11,21282,33890	40	
	30	8,78670,67962	34,35660	9,99918,53289	12903	8,78752,14673	34,48563	11,21247,85327	30	
	40	8,78705,00895	34,32933	9,99918,40375	12914	8,78786,60520	34,45847	11,21213,39480	20	
	50	8,78739,31107	34,30212	9,99918,27451	12924	8,78821,03656	34,43136	11,21178,96344	10	
31	0	8,78773,58602	34,27495	9,99918,14517	12934	8,78855,44085	34,40429	11,21144,55915	0	29
	10	8,78807,83383	34,24781	9,99918,01572	12945	8,78889,81811	34,37726	11,21110,18189	50	
	20	8,78842,05456	34,22073	9,99917,88617	12955	8,78924,16839	34,35028	11,21075,83161	40	
	30	8,78876,24824	34,19368	9,99917,75652	12965	8,78958,49172	34,32333	11,21041,50828	30	
	40	8,78910,41492	34,16668	9,99917,62677	12975	8,78992,78815	34,29643	11,21007,21185	20	
	50	8,78944,55464	34,13972	9,99917,49692	12985	8,79027,05772	34,26957	11,20972,94228	10	
32	0	8,78978,66744	34,11280	9,99917,36696	12996	8,79061,30048	34,24276	11,20938,69952	0	28
	10	8,79012,75337	34,08593	9,99917,23690	13006	8,79095,51647	34,21599	11,20904,48353	50	
	20	8,79046,81246	34,05909	9,99917,10674	13016	8,79129,70572	34,18925	11,20870,29428	40	
	30	8,79080,84476	34,03230	9,99916,97647	13027	8,79163,86828	34,16256	11,20836,13172	30	
	40	8,79114,85031	34,00555	9,99916,84611	13036	8,79198,00420	34,13592	11,20801,99580	20	
	50	8,79148,82915	33,97884	9,99916,71564	13047	8,79232,11351	34,10931	11,20767,88649	10	
33	0	8,79182,78133	33,95218	9,99916,58506	13058	8,79266,19626	34,08275	11,20733,80374	0	27
	10	8,79216,70688	33,92555	9,99916,45439	13067	8,79300,25249	34,05623	11,20699,74751	50	
	20	8,79250,60585	33,89897	9,99916,32361	13078	8,79334,28224	34,02975	11,20665,71776	40	
	30	8,79284,47828	33,87243	9,99916,19273	13088	8,79368,28554	34,00330	11,20631,71446	30	
	40	8,79318,32420	33,84592	9,99916,06175	13098	8,79402,26245	33,97691	11,20597,73755	20	
	50	8,79352,14367	33,81947	9,99915,93067	13108	8,79436,21301	33,95056	11,20563,78699	10	
34	0	8,79385,93672	33,79305	9,99915,79948	13119	8,79470,13725	33,92424	11,20529,86275	0	26
	10	8,79419,70340	33,76668	9,99915,66819	13129	8,79504,03521	33,89796	11,20495,96479	50	
	20	8,79453,44374	33,74034	9,99915,53680	13139	8,79537,90694	33,87173	11,20462,09306	40	
	30	8,79487,15779	33,71405	9,99915,40530	13150	8,79571,75248	33,84554	11,20428,24752	30	
	40	8,79520,84558	33,68779	9,99915,27371	13159	8,79605,57187	33,81939	11,20394,42813	20	
	50	8,79554,50716	33,66158	9,99915,14201	13170	8,79639,36515	33,79328	11,20360,63485	10	
35	0	8,79588,14256	33,63540	9,99915,01020	13181	8,79673,13236	33,76721	11,20326,86764	0	25
	10	8,79621,75184	33,60928	9,99914,87830	13190	8,79706,87354	33,74118	11,20293,12646	50	
	20	8,79655,33502	33,58318	9,99914,74629	13201	8,79740,58873	33,71519	11,20259,41127	40	
	30	8,79688,89215	33,55713	9,99914,61418	13211	8,79774,27797	33,68924	11,20225,72203	30	
	40	8,79722,42327	33,53112	9,99914,48197	13221	8,79807,94130	33,66333	11,20192,05870	20	
	50	8,79755,92842	33,50515	9,99914,34966	13231	8,79841,57877	33,63747	11,20158,42123	10	
36	0	8,79789,40764	33,47922	9,99914,21724	13242	8,79875,19040	33,61163	11,20124,80960	0	24
	10	8,79822,86097	33,45333	9,99914,08472	13252	8,79908,77625	33,58585	11,20091,22375	50	
	20	8,79856,28845	33,42748	9,99913,95210	13262	8,79942,33635	33,56010	11,20057,66365	40	
	30	8,79889,69012	33,40167	9,99913,81938	13272	8,79975,87074	33,53439	11,20024,12926	30	
	40	8,79923,06601	33,37589	9,99913,68655	13283	8,80009,37946	33,50872	11,19990,62054	20	
	50	8,79956,41617	33,35016	9,99913,55362	13293	8,80042,86255	33,48309	11,19957,13745	10	
37	0	8,79989,74064	33,32447	9,99913,42059	13303	8,80076,32006	33,45751	11,19923,67994	0	23
	10	8,80023,03946	33,29882	9,99913,28745	13314	8,80109,75201	33,43195	11,19890,24799	50	
	20	8,80056,31266	33,27320	9,99913,15422	13323	8,80143,15845	33,40644	11,19856,84155	40	
	30	8,80089,56029	33,24763	9,99913,02088	13334	8,80176,53941	33,38096	11,19823,46059	30	
	40	8,80122,78239	33,22210	9,99912,88744	13344	8,80209,89495	33,35554	11,19790,10505	20	
	50	8,80155,97898	33,19659	9,99912,75389	13355	8,80243,22509	33,33014	11,19756,77491	10	
38	0	8,80189,15012	33,17114	9,99912,62025	13364	8,80276,52988	33,30479	11,19723,47012	0	22
	10	8,80222,29584	33,14572	9,99912,48650	13375	8,80309,80935	33,27947	11,19690,19065	50	
	20	8,80255,41618	33,12034	9,99912,35264	13386	8,80343,06354	33,25419	11,19656,93646	40	
	30	8,80288,51119	33,09501	9,99912,21869	13395	8,80376,29249	33,22895	11,19623,70751	30	
	40	8,80321,58088	33,06969	9,99912,08463	13406	8,80409,49625	33,20376	11,19590,50375	20	
	50	8,80354,62532	33,04444	9,99911,95047	13416	8,80442,67484	33,17859	11,19557,32516	10	
39	0	8,80387,64452	33,01920	9,99911,81621	13426	8,80475,82831	33,15347	11,19524,17169	0	21
	10	8,80420,63854	32,99402	9,99911,68185	13436	8,80508,95670	33,12839	11,19491,04330	50	
	20	8,80453,60742	32,96888	9,99911,54738	13447	8,80542,06003	33,10333	11,19457,93997	40	
	30	8,80486,55118	32,94376	9,99911,41281	13457	8,80575,13836	33,07833	11,19424,86164	30	
	40	8,80519,46987	32,91869	9,99911,27814	13467	8,80608,19172	33,05336	11,19391,80828	20	
	50	8,80552,36352	32,89365	9,99911,14337	13477	8,80641,22015	33,02843	11,19358,77985	10	
40	0	8,80585,23217	32,86865	9,99911,00849	13488	8,80674,22368	33,00353	11,19325,77632	0	20
			32,84370		13498		32,97868			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,80585,23217		9,99911,00849		8,80674,22368		11,19325,77632	0	20
	10	8,80618,07587	32,84370	9,99910,87351	13498	8,80707,20236	32,97868	11,19292,79764	50	
	20	8,80650,89465	32,81878	9,99910,73843	13508	8,80740,15622	32,95386	11,19259,84378	40	
	30	8,80683,68854	32,79389	9,99910,60325	13518	8,80773,08529	32,92907	11,19226,91471	30	
	40	8,80716,45758	32,76904	9,99910,46796	13529	8,80805,98962	32,90433	11,19194,01038	20	
	50	8,80749,20182	32,74424	9,99910,33257	13539	8,80838,86925	32,87963	11,19161,13075	10	
41	0	8,80781,92129	32,71947	9,99910,19708	13549	8,80871,72421	32,85496	11,19128,27579	0	19
	10	8,80814,61602	32,69473	9,99910,06149	13559	8,80904,55453	32,83032	11,19095,44547	50	
	20	8,80847,28605	32,67003	9,99909,92579	13570	8,80937,36026	32,80573	11,19062,63974	40	
	30	8,80879,93143	32,64538	9,99909,78999	13580	8,80970,14144	32,78118	11,19029,85856	30	
	40	8,80912,55218	32,62075	9,99909,65409	13590	8,81002,89809	32,75665	11,18997,10191	20	
	50	8,80945,14835	32,59617	9,99909,51808	13601	8,81035,63026	32,73217	11,18964,36974	10	
42	0	8,80977,71996	32,57161	9,99909,38198	13610	8,81068,33799	32,70773	11,18931,66201	0	18
	10	8,81010,26707	32,54711	9,99909,24577	13621	8,81101,02130	32,68331	11,18898,97870	50	
	20	8,81042,78970	32,52263	9,99909,10946	13631	8,81133,68024	32,65894	11,18866,31976	40	
	30	8,81075,28789	32,49819	9,99908,97304	13642	8,81166,31485	32,63461	11,18833,68515	30	
	40	8,81107,76168	32,47379	9,99908,83653	13651	8,81198,92515	32,61030	11,18801,07485	20	
	50	8,81140,21110	32,44942	9,99908,69991	13662	8,81231,51120	32,58605	11,18768,48880	10	
43	0	8,81172,63620	32,42510	9,99908,56319	13672	8,81264,07301	32,56181	11,18735,92699	0	17
	10	8,81205,03700	32,40080	9,99908,42636	13683	8,81296,61064	32,53763	11,18703,38936	50	
	20	8,81237,41354	32,37654	9,99908,28943	13693	8,81329,12411	32,51347	11,18670,87589	40	
	30	8,81269,76587	32,35233	9,99908,15241	13702	8,81361,61346	32,48935	11,18638,38654	30	
	40	8,81302,09401	32,32814	9,99908,01527	13714	8,81394,07873	32,46527	11,18605,92127	20	
	50	8,81334,39800	32,30399	9,99907,87804	13723	8,81426,51996	32,44123	11,18573,48004	10	
44	0	8,81366,67788	32,27988	9,99907,74070	13734	8,81458,93717	32,41721	11,18541,06283	0	16
	10	8,81398,93368	32,25580	9,99907,60326	13744	8,81491,33041	32,39324	11,18508,66959	50	
	20	8,81431,16544	32,23176	9,99907,46572	13754	8,81523,69971	32,36930	11,18476,30029	40	
	30	8,81463,37319	32,20775	9,99907,32808	13764	8,81556,04511	32,34540	11,18443,95489	30	
	40	8,81495,55697	32,18378	9,99907,19033	13775	8,81588,36664	32,32153	11,18411,63336	20	
	50	8,81527,71682	32,15985	9,99907,05248	13785	8,81620,66434	32,29770	11,18379,33566	10	
45	0	8,81559,85278	32,13596	9,99906,91453	13795	8,81652,93825	32,27391	11,18347,06175	0	15
	10	8,81591,96486	32,11208	9,99906,77648	13805	8,81685,18839	32,25014	11,18314,81161	50	
	20	8,81624,05312	32,08826	9,99906,63832	13816	8,81717,41480	32,22641	11,18282,58520	40	
	30	8,81656,11759	32,06447	9,99906,50006	13826	8,81749,61753	32,20273	11,18250,38247	30	
	40	8,81688,15829	32,04070	9,99906,36170	13836	8,81781,79660	32,17907	11,18218,20340	20	
	50	8,81720,17528	32,01699	9,99906,22323	13847	8,81813,95205	32,15545	11,18186,04795	10	
46	0	8,81752,16858	31,99330	9,99906,08467	13856	8,81846,08391	32,13186	11,18153,91609	0	14
	10	8,81784,13822	31,96964	9,99905,94600	13867	8,81878,19222	32,10831	11,18121,80778	50	
	20	8,81816,08424	31,94602	9,99905,80723	13877	8,81910,27702	32,08480	11,18089,72298	40	
	30	8,81848,00668	31,92244	9,99905,66835	13888	8,81942,33833	32,06131	11,18057,66167	30	
	40	8,81879,90558	31,89890	9,99905,52937	13898	8,81974,37620	32,03787	11,18025,62380	20	
	50	8,81911,78095	31,87537	9,99905,39030	13907	8,82006,39066	32,01446	11,17993,60934	10	
47	0	8,81943,63285	31,85190	9,99905,25111	13919	8,82038,38174	31,99108	11,17961,61826	0	13
	10	8,81975,46130	31,82845	9,99905,11183	13928	8,82070,34947	31,96773	11,17929,65053	50	
	20	8,82007,26634	31,80504	9,99904,97244	13939	8,82102,29390	31,94443	11,17897,70610	40	
	30	8,82039,04801	31,78167	9,99904,83295	13949	8,82134,21505	31,92115	11,17865,78495	30	
	40	8,82070,80633	31,75832	9,99904,69336	13959	8,82166,11297	31,89792	11,17833,88703	20	
	50	8,82102,54134	31,73501	9,99904,55367	13969	8,82197,98767	31,87470	11,17802,01233	10	
48	0	8,82134,25308	31,71174	9,99904,41387	13980	8,82229,83921	31,85154	11,17770,16079	0	12
	10	8,82165,94157	31,68849	9,99904,27397	13990	8,82261,66760	31,82839	11,17738,33240	50	
	20	8,82197,60686	31,66529	9,99904,13397	14000	8,82293,47290	31,80530	11,17706,52710	40	
	30	8,82229,24898	31,64212	9,99903,99386	14011	8,82325,25512	31,78222	11,17674,74488	30	
	40	8,82260,86796	31,61898	9,99903,85365	14021	8,82357,01430	31,75918	11,17642,98570	20	
	50	8,82292,46383	31,59587	9,99903,71334	14031	8,82388,75048	31,73618	11,17611,24952	10	
49	0	8,82324,03663	31,57280	9,99903,57293	14041	8,82420,46370	31,71322	11,17579,53630	0	11
	10	8,82355,58639	31,54976	9,99903,43242	14051	8,82452,15397	31,69027	11,17547,84603	50	
	20	8,82387,11315	31,52676	9,99903,29180	14062	8,82483,82135	31,66738	11,17516,17865	40	
	30	8,82418,61693	31,50378	9,99903,15108	14072	8,82515,46585	31,64450	11,17484,53415	30	
	40	8,82450,09778	31,48085	9,99903,01026	14082	8,82547,08752	31,62167	11,17452,91248	20	
	50	8,82481,55572	31,45794	9,99902,86933	14093	8,82578,68639	31,59887	11,17421,31361	10	
50	0	8,82512,99079	31,43507	9,99902,72830	14103	8,82610,26248	31,57609	11,17389,73752	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	8,82512,99079		9,99902,72830		8,82610,26248		11,17389,73752	0	10
	10	8,82544,40302	31,41223	9,99902,58717	14113	8,82641,81584	31,55336	11,17358,18416	50	
	20	8,82575,79244	31,38942	9,99902,44594	14123	8,82673,34650	31,53066	11,17326,65350	40	
	30	8,82607,15910	31,36666	9,99902,30461	14133	8,82704,85449	31,50799	11,17295,14551	30	
	40	8,82638,50301	31,34391	9,99902,16317	14144	8,82736,33984	31,48535	11,17263,66016	20	
	50	8,82669,82421	31,32120	9,99902,02163	14154	8,82767,80258	31,46274	11,17232,19742	10	
51	0	8,82701,12274	31,29853	9,99901,87999	14164	8,82799,24276	31,44018	11,17200,75724	0	9
	10	8,82732,39863	31,27589	9,99901,73824	14175	8,82830,66039	31,41763	11,17169,33961	50	
	20	8,82763,65191	31,25328	9,99901,59639	14185	8,82862,05552	31,39513	11,17137,94448	40	
	30	8,82794,88261	31,23070	9,99901,45444	14195	8,82893,42817	31,37265	11,17106,57183	30	
	40	8,82826,09077	31,20816	9,99901,31239	14205	8,82924,77838	31,35021	11,17075,22162	20	
	50	8,82857,27642	31,18565	9,99901,17023	14216	8,82956,10618	31,32780	11,17043,89382	10	
52	0	8,82888,43958	31,16316	9,99901,02798	14225	8,82987,41161	31,30543	11,17012,58839	0	8
	10	8,82919,58030	31,14072	9,99900,88562	14236	8,83018,69469	31,28308	11,16981,30531	50	
	20	8,82950,69861	31,11831	9,99900,74315	14247	8,83049,95545	31,26076	11,16950,04455	40	
	30	8,82981,79453	31,09592	9,99900,60059	14256	8,83081,19394	31,23849	11,16918,80606	30	
	40	8,83012,86810	31,07357	9,99900,45792	14267	8,83112,41018	31,21624	11,16887,58982	20	
	50	8,83043,91935	31,05125	9,99900,31515	14277	8,83143,60420	31,19402	11,16856,39580	10	
53	0	8,83074,94831	31,02896	9,99900,17227	14288	8,83174,77604	31,17184	11,16825,22396	0	7
	10	8,83105,95502	31,00671	9,99900,02930	14297	8,83205,92572	31,14968	11,16794,07428	50	
	20	8,83136,93950	30,98448	9,99899,88622	14308	8,83237,05328	31,12756	11,16762,94672	40	
	30	8,83167,90180	30,96230	9,99899,74304	14318	8,83268,15876	31,10548	11,16731,84124	30	
	40	8,83198,84193	30,94013	9,99899,59976	14328	8,83299,24217	31,08341	11,16700,75783	20	
	50	8,83229,75993	30,91800	9,99899,45637	14339	8,83330,30356	31,06139	11,16669,69644	10	
54	0	8,83260,65584	30,89591	9,99899,31288	14349	8,83361,34296	31,03940	11,16638,65704	0	6
	10	8,83291,52968	30,87384	9,99899,16929	14359	8,83392,36039	31,01743	11,16607,63961	50	
	20	8,83322,38148	30,85180	9,99899,02560	14369	8,83423,35589	30,99550	11,16576,64411	40	
	30	8,83353,21129	30,82981	9,99898,88180	14380	8,83454,32949	30,97360	11,16545,67051	30	
	40	8,83384,01912	30,80783	9,99898,73790	14390	8,83485,28121	30,95172	11,16514,71879	20	
	50	8,83414,80501	30,78589	9,99898,59390	14400	8,83516,21111	30,92990	11,16483,78889	10	
55	0	8,83445,56899	30,76398	9,99898,44980	14410	8,83547,11919	30,90808	11,16452,88081	0	5
	10	8,83476,31109	30,74210	9,99898,30559	14421	8,83578,00550	30,88631	11,16421,99450	50	
	20	8,83507,03134	30,72025	9,99898,16128	14431	8,83608,87006	30,86456	11,16391,12994	40	
	30	8,83537,72978	30,69844	9,99898,01687	14441	8,83639,71291	30,84285	11,16360,28709	30	
	40	8,83568,40643	30,67665	9,99897,87235	14452	8,83670,53407	30,82116	11,16329,46593	20	
	50	8,83599,06132	30,65489	9,99897,72774	14461	8,83701,33358	30,79951	11,16298,66642	10	
56	0	8,83629,69449	30,63317	9,99897,58302	14472	8,83732,11147	30,77789	11,16267,88853	0	4
	10	8,83660,30597	30,61148	9,99897,43820	14482	8,83762,86777	30,75630	11,16237,13223	50	
	20	8,83690,89578	30,58981	9,99897,29327	14493	8,83793,60251	30,73474	11,16206,39749	40	
	30	8,83721,46396	30,56818	9,99897,14825	14502	8,83824,31571	30,71320	11,16175,68429	30	
	40	8,83752,01054	30,54658	9,99897,00312	14513	8,83855,00742	30,69171	11,16144,99258	20	
	50	8,83782,53554	30,52500	9,99896,85788	14524	8,83885,67766	30,67024	11,16114,32234	10	
57	0	8,83813,03900	30,50346	9,99896,71255	14533	8,83916,32646	30,64880	11,16083,67354	0	3
	10	8,83843,52096	30,48196	9,99896,56711	14544	8,83946,95384	30,62738	11,16053,04616	50	
	20	8,83873,98143	30,46047	9,99896,42157	14554	8,83977,55985	30,60601	11,16022,44015	40	
	30	8,83904,42045	30,43902	9,99896,27593	14564	8,84008,14452	30,58467	11,15991,85548	30	
	40	8,83934,83804	30,41759	9,99896,13018	14575	8,84038,70786	30,56334	11,15961,29214	20	
	50	8,83965,23425	30,39621	9,99895,98434	14584	8,84069,24991	30,54205	11,15930,75009	10	
58	0	8,83995,60909	30,37484	9,99895,83839	14595	8,84099,77071	30,52080	11,15900,22929	0	2
	10	8,84025,96261	30,35352	9,99895,69233	14606	8,84130,27027	30,49956	11,15869,72973	50	
	20	8,84056,29482	30,33221	9,99895,54618	14615	8,84160,74864	30,47837	11,15839,25136	40	
	30	8,84086,60576	30,31094	9,99895,39992	14626	8,84191,20584	30,45720	11,15808,79416	30	
	40	8,84116,89545	30,28969	9,99895,25356	14636	8,84221,64189	30,43605	11,15778,35811	20	
	50	8,84147,16394	30,26849	9,99895,10710	14646	8,84252,05684	30,41495	11,15747,94316	10	
59	0	8,84177,41124	30,24730	9,99894,96053	14657	8,84282,45071	30,39387	11,15717,54929	0	1
	10	8,84207,63739	30,22615	9,99894,81386	14667	8,84312,82352	30,37281	11,15687,17648	50	
	20	8,84237,84241	30,20502	9,99894,66709	14677	8,84343,17532	30,35180	11,15656,82468	40	
	30	8,84268,02634	30,18393	9,99894,52022	14687	8,84373,50612	30,33080	11,15626,49388	30	
	40	8,84298,18920	30,16286	9,99894,37324	14698	8,84403,81596	30,30984	11,15596,18404	20	
	50	8,84328,33103	30,14183	9,99894,22617	14707	8,84434,10486	30,28890	11,15565,89514	10	
60	0	8,84358,45185	30,12082	9,99894,07899	14718	8,84464,37286	30,26800	11,15535,62714	0	0
			30,09984		14729		30,24713			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

4		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	8,84358,45185		9,99894,07899		8,84464,37286		11,15535,62714	0	60
	10	8,84388,55169	30,09984	9,99893,93170	14729	8,84494,61999	30,24713	11,15505,38001	50	
	20	8,84418,63058	30,07889	9,99893,78432	14738	8,84524,84627	30,22628	11,15475,15373	40	
	30	8,84448,68855	30,05797	9,99893,63683	14749	8,84555,05173	30,20546	11,15444,94827	30	
	40	8,84478,72564	30,03709	9,99893,48924	14759	8,84585,23640	30,18467	11,15414,76360	20	
	50	8,84508,74185	30,01621	9,99893,34154	14770	8,84615,40031	30,16391	11,15384,59969	10	
1	0	8,84538,73724	29,99539	9,99893,19375	14779	8,84645,54349	30,14318	11,15354,45651	0	59
	10	8,84568,71182	29,97458	9,99893,04585	14790	8,84675,66597	30,12248	11,15324,33403	50	
	20	8,84598,66563	29,95381	9,99892,89784	14801	8,84705,76778	30,10181	11,15294,23222	40	
	30	8,84628,59868	29,93305	9,99892,74974	14810	8,84735,84894	30,08116	11,15264,15106	30	
	40	8,84658,51102	29,91234	9,99892,60153	14821	8,84765,90949	30,06055	11,15234,09051	20	
	50	8,84688,40267	29,89165	9,99892,45322	14831	8,84795,94945	30,03996	11,15204,05055	10	
2	0	8,84718,27366	29,87099	9,99892,30481	14841	8,84825,96885	30,01940	11,15174,03115	0	58
	10	8,84748,12401	29,85035	9,99892,15630	14851	8,84855,96772	29,99887	11,15144,03228	50	
	20	8,84777,95376	29,82975	9,99892,00768	14862	8,84885,94608	29,97836	11,15114,05392	40	
	30	8,84807,76294	29,80918	9,99891,85896	14872	8,84915,90397	29,95789	11,15084,09603	30	
	40	8,84837,55156	29,78862	9,99891,71014	14882	8,84945,84142	29,93745	11,15054,15858	20	
	50	8,84867,31966	29,76810	9,99891,56121	14893	8,84975,75845	29,91703	11,15024,24155	10	
3	0	8,84897,06727	29,74761	9,99891,41219	14902	8,85005,65509	29,89664	11,14994,34491	0	57
	10	8,84926,79442	29,72715	9,99891,26306	14913	8,85035,53137	29,87628	11,14964,46863	50	
	20	8,84956,50113	29,70671	9,99891,11382	14924	8,85065,38731	29,85594	11,14934,61269	40	
	30	8,84986,18744	29,68631	9,99890,96449	14933	8,85095,22295	29,83564	11,14904,77705	30	
	40	8,85015,85336	29,66592	9,99890,81505	14944	8,85125,03831	29,81536	11,14874,96169	20	
	50	8,85045,49893	29,64557	9,99890,66551	14954	8,85154,83342	29,79511	11,14845,16658	10	
4	0	8,85075,12418	29,62525	9,99890,51587	14964	8,85184,60831	29,77489	11,14815,39169	0	56
	10	8,85104,72912	29,60494	9,99890,36612	14975	8,85214,36300	29,75469	11,14785,63700	50	
	20	8,85134,31380	29,58468	9,99890,21627	14985	8,85244,09753	29,73453	11,14755,90247	40	
	30	8,85163,87824	29,56444	9,99890,06632	14995	8,85273,81192	29,71439	11,14726,18808	30	
	40	8,85193,42246	29,54422	9,99889,91627	15005	8,85303,50620	29,69428	11,14696,49380	20	
	50	8,85222,94650	29,52404	9,99889,76611	15016	8,85333,18039	29,67419	11,14666,81961	10	
5	0	8,85252,45038	29,50388	9,99889,61586	15025	8,85362,83452	29,65413	11,14637,16548	0	55
	10	8,85281,93412	29,48374	9,99889,46549	15037	8,85392,46863	29,63411	11,14607,53137	50	
	20	8,85311,39777	29,46365	9,99889,31503	15046	8,85422,08274	29,61411	11,14577,91726	40	
	30	8,85340,84133	29,44356	9,99889,16446	15057	8,85451,67687	29,59413	11,14548,32313	30	
	40	8,85370,26484	29,42351	9,99889,01379	15067	8,85481,25105	29,57418	11,14518,74895	20	
	50	8,85399,66833	29,40349	9,99888,86302	15077	8,85510,80531	29,55426	11,14489,19469	10	
6	0	8,85429,05183	29,38350	9,99888,71215	15087	8,85540,33968	29,53437	11,14459,66032	0	54
	10	8,85458,41535	29,36352	9,99888,56117	15098	8,85569,85418	29,51450	11,14430,14582	50	
	20	8,85487,75894	29,34359	9,99888,41009	15108	8,85599,34884	29,49466	11,14400,65116	40	
	30	8,85517,08261	29,32367	9,99888,25891	15118	8,85628,82370	29,47486	11,14371,17630	30	
	40	8,85546,38639	29,30378	9,99888,10763	15128	8,85658,27876	29,45506	11,14341,72124	20	
	50	8,85575,67031	29,28392	9,99887,95624	15139	8,85687,71407	29,43531	11,14312,28593	10	
7	0	8,85604,93439	29,26408	9,99887,80475	15149	8,85717,12964	29,41557	11,14282,87036	0	53
	10	8,85634,17867	29,24428	9,99887,65316	15159	8,85746,52551	29,39587	11,14253,47449	50	
	20	8,85663,40317	29,22450	9,99887,50146	15170	8,85775,90170	29,37619	11,14224,09830	40	
	30	8,85692,60791	29,20474	9,99887,34966	15180	8,85805,25824	29,35654	11,14194,74176	30	
	40	8,85721,79292	29,18501	9,99887,19776	15190	8,85834,59516	29,33692	11,14165,40484	20	
	50	8,85750,95823	29,16531	9,99887,04576	15200	8,85863,91247	29,31731	11,14136,08753	10	
8	0	8,85780,10387	29,14564	9,99886,89366	15210	8,85893,21021	29,29774	11,14106,78979	0	52
	10	8,85809,22986	29,12599	9,99886,74145	15221	8,85922,48841	29,27820	11,14077,51159	50	
	20	8,85838,33623	29,10637	9,99886,58914	15231	8,85951,74709	29,25868	11,14048,25291	40	
	30	8,85867,42300	29,08677	9,99886,43672	15242	8,85980,98627	29,23918	11,14019,01373	30	
	40	8,85896,49020	29,06720	9,99886,28421	15251	8,86010,20599	29,21972	11,13989,79401	20	
	50	8,85925,53785	29,04765	9,99886,13159	15262	8,86039,40626	29,20027	11,13960,59374	10	
9	0	8,85954,56599	29,02814	9,99885,97887	15272	8,86068,58713	29,18087	11,13931,41287	0	51
	10	8,85983,57464	29,00865	9,99885,82604	15283	8,86097,74860	29,16147	11,13902,25140	50	
	20	8,86012,56382	28,98918	9,99885,67312	15292	8,86126,89071	29,14211	11,13873,10929	40	
	30	8,86041,53357	28,96975	9,99885,52009	15303	8,86156,01348	29,12277	11,13843,98652	30	
	40	8,86070,48390	28,95033	9,99885,36696	15313	8,86185,11694	29,10346	11,13814,88306	20	
	50	8,86099,41484	28,93094	9,99885,21372	15324	8,86214,20112	29,08418	11,13785,79888	10	
10	0	8,86128,32642	28,91158	9,99885,06039	15333	8,86243,26603	29,06491	11,13756,73397	0	50
			28,89225		15344		29,04569			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	8,86128,32642		9,99885,06039		8,86243,26603		11,13756,73397	0	50
	10	8,86157,21867	28,89225	9,99884,90695	15344	8,86272,31172	29,04569	11,13727,68828	50	
	20	8,86186,09160	28,87293	9,99884,75340	15355	8,86301,33819	29,02647	11,13698,66181	40	
	30	8,86214,94525	28,85365	9,99884,59976	15364	8,86330,34549	29,00730	11,13669,65451	30	
	40	8,86243,77964	28,83439	9,99884,44601	15375	8,86359,33363	28,98814	11,13640,66637	20	
	50	8,86272,59480	28,81516	9,99884,29216	15385	8,86388,30263	28,96900	11,13611,69737	10	
11	0	8,86301,39075	28,79595	9,99884,13821	15395	8,86417,25254	28,94991	11,13582,74746	0	49
	10	8,86330,16751	28,77676	9,99883,98415	15406	8,86446,18336	28,93082	11,13553,81664	50	
	20	8,86358,92512	28,75761	9,99883,83000	15415	8,86475,09512	28,91176	11,13524,90488	40	
	30	8,86387,66360	28,73848	9,99883,67574	15426	8,86503,98786	28,89274	11,13496,01214	30	
	40	8,86416,38297	28,71937	9,99883,52137	15437	8,86532,86160	28,87374	11,13467,13840	20	
	50	8,86445,08326	28,70029	9,99883,36691	15446	8,86561,71635	28,85475	11,13438,28365	10	
12	0	8,86473,76449	28,68123	9,99883,21234	15457	8,86590,55215	28,83580	11,13409,44785	0	48
	10	8,86502,42670	28,66221	9,99883,05767	15467	8,86619,36903	28,81688	11,13380,63097	50	
	20	8,86531,06989	28,64319	9,99882,90289	15478	8,86648,16700	28,79797	11,13351,83300	40	
	30	8,86559,69411	28,62422	9,99882,74802	15487	8,86676,94609	28,77909	11,13323,05391	30	
	40	8,86588,29937	28,60526	9,99882,59304	15498	8,86705,70633	28,76024	11,13294,29367	20	
	50	8,86616,88570	28,58633	9,99882,43796	15508	8,86734,44774	28,74141	11,13265,55226	10	
13	0	8,86645,45312	28,56742	9,99882,28277	15519	8,86763,17035	28,72261	11,13236,82965	0	47
	10	8,86674,00167	28,54855	9,99882,12749	15528	8,86791,87418	28,70383	11,13208,12582	50	
	20	8,86702,53135	28,52968	9,99881,97210	15539	8,86820,55925	28,68507	11,13179,44075	40	
	30	8,86731,04221	28,51086	9,99881,81661	15549	8,86849,22560	28,66635	11,13150,77440	30	
	40	8,86759,53426	28,49205	9,99881,66101	15560	8,86877,87325	28,64765	11,13122,12675	20	
	50	8,86788,00752	28,47326	9,99881,50531	15570	8,86906,50221	28,62896	11,13093,49779	10	
14	0	8,86816,46203	28,45451	9,99881,34951	15580	8,86935,11252	28,61031	11,13064,88748	0	46
	10	8,86844,89781	28,43578	9,99881,19361	15590	8,86963,70420	28,59168	11,13036,29580	50	
	20	8,86873,31488	28,41707	9,99881,03761	15600	8,86992,27727	28,57307	11,13007,72273	40	
	30	8,86901,71326	28,39838	9,99880,88150	15611	8,87020,83176	28,55449	11,12979,16824	30	
	40	8,86930,09298	28,37972	9,99880,72529	15621	8,87049,36770	28,53594	11,12950,63230	20	
	50	8,86958,45407	28,36109	9,99880,56897	15632	8,87077,88510	28,51740	11,12922,11490	10	
15	0	8,86986,79655	28,34248	9,99880,41256	15641	8,87106,38399	28,49889	11,12893,61601	0	45
	10	8,87015,12044	28,32389	9,99880,25604	15652	8,87134,86440	28,48041	11,12865,13560	50	
	20	8,87043,42577	28,30533	9,99880,09942	15662	8,87163,32635	28,46195	11,12836,67365	40	
	30	8,87071,71257	28,28680	9,99879,94270	15672	8,87191,76987	28,44352	11,12808,23013	30	
	40	8,87099,98084	28,26827	9,99879,78587	15683	8,87220,19497	28,42510	11,12779,80503	20	
	50	8,87128,23063	28,24979	9,99879,62894	15693	8,87248,60169	28,40672	11,12751,39831	10	
16	0	8,87156,46195	28,23132	9,99879,47191	15703	8,87276,99004	28,38835	11,12723,00996	0	44
	10	8,87184,67483	28,21288	9,99879,31477	15714	8,87305,36006	28,37002	11,12694,63994	50	
	20	8,87212,86929	28,19446	9,99879,15754	15723	8,87333,71176	28,35170	11,12666,28824	40	
	30	8,87241,04536	28,17607	9,99879,00020	15734	8,87362,04516	28,33340	11,12637,95484	30	
	40	8,87269,20306	28,15770	9,99878,84276	15744	8,87390,36030	28,31514	11,12609,63970	20	
	50	8,87297,34241	28,13935	9,99878,68521	15755	8,87418,65720	28,29690	11,12581,34280	10	
17	0	8,87325,46344	28,12103	9,99878,52756	15765	8,87446,93588	28,27868	11,12553,06412	0	43
	10	8,87353,56617	28,10273	9,99878,36981	15775	8,87475,19636	28,26048	11,12524,80364	50	
	20	8,87381,65062	28,08445	9,99878,21196	15785	8,87503,43866	28,24230	11,12496,56134	40	
	30	8,87409,71683	28,06621	9,99878,05401	15795	8,87531,66282	28,22416	11,12468,33718	30	
	40	8,87437,76480	28,04797	9,99877,89595	15806	8,87559,86886	28,20604	11,12440,13114	20	
	50	8,87465,79457	28,02977	9,99877,73779	15816	8,87588,05679	28,18793	11,12411,94321	10	
18	0	8,87493,80616	28,01159	9,99877,57952	15827	8,87616,22664	28,16985	11,12383,77336	0	42
	10	8,87521,79959	27,99343	9,99877,42116	15836	8,87644,37844	28,15180	11,12355,62156	50	
	20	8,87549,77489	27,97530	9,99877,26269	15847	8,87672,51220	28,13376	11,12327,48780	40	
	30	8,87577,73208	27,95719	9,99877,10412	15857	8,87700,62796	28,11576	11,12299,37204	30	
	40	8,87605,67118	27,93910	9,99876,94544	15868	8,87728,72574	28,09778	11,12271,27426	20	
	50	8,87633,59221	27,92103	9,99876,78667	15877	8,87756,80555	28,07981	11,12243,19445	10	
19	0	8,87661,49521	27,90300	9,99876,62779	15888	8,87784,86742	28,06187	11,12215,13258	0	41
	10	8,87689,38018	27,88497	9,99876,46880	15899	8,87812,91138	28,04396	11,12187,08862	50	
	20	8,87717,24717	27,86699	9,99876,30972	15908	8,87840,93745	28,02607	11,12159,06255	40	
	30	8,87745,09617	27,84900	9,99876,15053	15919	8,87868,94564	28,00819	11,12131,05436	30	
	40	8,87772,92724	27,83107	9,99875,99124	15929	8,87896,93599	27,99035	11,12103,06401	20	
	50	8,87800,74037	27,81313	9,99875,83185	15939	8,87924,90852	27,97253	11,12075,09148	10	
20	0	8,87828,53560	27,79523	9,99875,67235	15950	8,87952,86325	27,95473	11,12047,13675	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	8,87828,53560		9,99875,67235		8,87952,86325		11,12047,13675	0	40
	10	8,87856,31296	27,77736	9,99875,51276	15959	8,87980,80020	27,93695	11,12019,19980	50	
	20	8,87884,07245	27,75949	9,99875,35306	15970	8,88008,71940	27,91920	11,11991,28060	40	
	30	8,87911,81411	27,74166	9,99875,19325	15981	8,88036,62086	27,90146	11,11963,37914	30	
	40	8,87939,53796	27,72385	9,99875,03335	15990	8,88064,50462	27,88376	11,11935,49538	20	
	50	8,87967,24403	27,70607	9,99874,87334	16001	8,88092,37069	27,86607	11,11907,62931	10	
21	0	8,87994,93232	27,68829	9,99874,71323	16011	8,88120,21909	27,84840	11,11879,78091	0	39
	10	8,88022,60287	27,67055	9,99874,55301	16022	8,88148,04986	27,83077	11,11851,95014	50	
	20	8,88050,25570	27,65283	9,99874,39270	16031	8,88175,86301	27,81315	11,11824,13699	40	
	30	8,88077,89084	27,63514	9,99874,23228	16042	8,88203,65856	27,79555	11,11796,34144	30	
	40	8,88105,50830	27,61746	9,99874,07175	16053	8,88231,43654	27,77798	11,11768,56346	20	
	50	8,88133,10810	27,59980	9,99873,91113	16062	8,88259,19697	27,76043	11,11740,80303	10	
22	0	8,88160,69027	27,58217	9,99873,75040	16073	8,88286,93987	27,74290	11,11713,06013	0	38
	10	8,88188,25484	27,56457	9,99873,58957	16083	8,88314,66527	27,72540	11,11685,33473	50	
	20	8,88215,80182	27,54698	9,99873,42864	16093	8,88342,37318	27,70791	11,11657,62682	40	
	30	8,88243,33123	27,52941	9,99873,26760	16104	8,88370,06363	27,69045	11,11629,93637	30	
	40	8,88270,84311	27,51188	9,99873,10647	16113	8,88397,73664	27,67301	11,11602,26336	20	
	50	8,88298,33746	27,49435	9,99872,94522	16125	8,88425,39224	27,65560	11,11574,60776	10	
23	0	8,88325,81432	27,47686	9,99872,78388	16134	8,88453,03044	27,63820	11,11546,96956	0	37
	10	8,88353,27370	27,45938	9,99872,62243	16145	8,88480,65127	27,62083	11,11519,34873	50	
	20	8,88380,71563	27,44193	9,99872,46089	16154	8,88508,25474	27,60347	11,11491,74526	40	
	30	8,88408,14013	27,42450	9,99872,29923	16166	8,88535,84089	27,58615	11,11464,15911	30	
	40	8,88435,54722	27,40709	9,99872,13748	16175	8,88563,40974	27,56885	11,11436,59026	20	
	50	8,88462,93692	27,38970	9,99871,97562	16186	8,88590,96130	27,55156	11,11409,03870	10	
24	0	8,88490,30926	27,37234	9,99871,81366	16196	8,88618,49559	27,53429	11,11381,50441	0	36
	10	8,88517,66425	27,35499	9,99871,65160	16206	8,88646,01265	27,51706	11,11353,98735	50	
	20	8,88545,00192	27,33767	9,99871,48944	16216	8,88673,51249	27,49984	11,11326,48751	40	
	30	8,88572,32230	27,32038	9,99871,32717	16227	8,88700,99513	27,48264	11,11299,00487	30	
	40	8,88599,62539	27,30309	9,99871,16480	16237	8,88728,46059	27,46546	11,11271,53941	20	
	50	8,88626,91123	27,28584	9,99871,00233	16247	8,88755,90891	27,44832	11,11244,09109	10	
25	0	8,88654,17984	27,26861	9,99870,83975	16258	8,88783,34009	27,43118	11,11216,65991	0	35
	10	8,88681,43123	27,25139	9,99870,67707	16268	8,88810,75416	27,41407	11,11189,24584	50	
	20	8,88708,66543	27,23420	9,99870,51429	16278	8,88838,15114	27,39698	11,11161,84886	40	
	30	8,88735,88246	27,21703	9,99870,35141	16288	8,88865,53106	27,37992	11,11134,46894	30	
	40	8,88763,08235	27,19989	9,99870,18842	16299	8,88892,89393	27,36287	11,11107,10607	20	
	50	8,88790,26511	27,18276	9,99870,02533	16309	8,88920,23977	27,34584	11,11079,76023	10	
26	0	8,88817,43076	27,16565	9,99869,86214	16319	8,88947,56862	27,32885	11,11052,43138	0	34
	10	8,88844,57933	27,14857	9,99869,69885	16329	8,88974,88048	27,31186	11,11025,11952	50	
	20	8,88871,71083	27,13150	9,99869,53545	16340	8,89002,17538	27,29490	11,10997,82462	40	
	30	8,88898,82529	27,11446	9,99869,37195	16350	8,89029,45335	27,27797	11,10970,54665	30	
	40	8,88925,92274	27,09745	9,99869,20835	16360	8,89056,71439	27,26104	11,10943,28561	20	
	50	8,88953,00318	27,08044	9,99869,04464	16371	8,89083,95854	27,24415	11,10916,04146	10	
27	0	8,88980,06665	27,06347	9,99868,88083	16381	8,89111,18582	27,22728	11,10888,81418	0	33
	10	8,89007,11316	27,04651	9,99868,71692	16391	8,89138,39624	27,21042	11,10861,60376	50	
	20	8,89034,14274	27,02958	9,99868,55291	16401	8,89165,58983	27,19359	11,10834,41017	40	
	30	8,89061,15540	27,01266	9,99868,38879	16412	8,89192,76661	27,17678	11,10807,23339	30	
	40	8,89088,15117	26,99577	9,99868,22457	16422	8,89219,92660	27,15999	11,10780,07340	20	
	50	8,89115,13007	26,97890	9,99868,06025	16432	8,89247,06982	27,14322	11,10752,93018	10	
28	0	8,89142,09212	26,96205	9,99867,89583	16442	8,89274,19629	27,12647	11,10725,80371	0	32
	10	8,89169,03733	26,94521	9,99867,73130	16453	8,89301,30603	27,10974	11,10698,69397	50	
	20	8,89195,96574	26,92841	9,99867,56667	16463	8,89328,39906	27,09303	11,10671,60094	40	
	30	8,89222,87735	26,91161	9,99867,40194	16473	8,89355,47541	27,07635	11,10644,52459	30	
	40	8,89249,77220	26,89485	9,99867,23711	16483	8,89382,53510	27,05969	11,10617,46490	20	
	50	8,89276,65031	26,87811	9,99867,07217	16494	8,89409,57814	27,04304	11,10590,42186	10	
29	0	8,89303,51168	26,86137	9,99866,90713	16504	8,89436,60455	27,02641	11,10563,39545	0	31
	10	8,89330,35635	26,84467	9,99866,74198	16515	8,89463,61437	27,00982	11,10536,38563	50	
	20	8,89357,18434	26,82799	9,99866,57674	16524	8,89490,60760	26,99323	11,10509,39240	40	
	30	8,89383,99566	26,81132	9,99866,41139	16535	8,89517,58427	26,97667	11,10482,41573	30	
	40	8,89410,79034	26,79468	9,99866,24594	16545	8,89544,54440	26,96013	11,10455,45560	20	
	50	8,89437,56839	26,77805	9,99866,08039	16555	8,89571,48800	26,94360	11,10428,51200	10	
30	0	8,89464,32984	26,76145	9,99865,91473	16566	8,89598,41511	26,92711	11,10401,58489	0	30
			26,74487		16576		26,91063			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	8,89464,32984		9,99865,91473		8,89598,41511		11,10401,58489	0	30
	10	8,89491,07471	26,74487	9,99865,74897	16576	8,89625,32574	26,91063	11,10374,67426	50	
	20	8,89517,80302	26,72831	9,99865,58311	16586	8,89652,21991	26,89417	11,10347,78009	40	
	30	8,89544,51478	26,71176	9,99865,41714	16597	8,89679,09764	26,87773	11,10320,90236	30	
	40	8,89571,21002	26,69524	9,99865,25108	16606	8,89705,95895	26,86131	11,10294,04105	20	
	50	8,89597,88877	26,67875	9,99865,08491	16617	8,89732,80386	26,84491	11,10267,19614	10	
31	0	8,89624,55103	26,66226	9,99864,91863	16628	8,89759,63240	26,82854	11,10240,36760	0	29
	10	8,89651,19683	26,64580	9,99864,75226	16637	8,89786,44457	26,81217	11,10213,55543	50	
	20	8,89677,82619	26,62936	9,99864,58578	16648	8,89813,24041	26,79584	11,10186,75959	40	
	30	8,89704,43913	26,61294	9,99864,41920	16658	8,89840,01993	26,77952	11,10159,98007	30	
	40	8,89731,03567	26,59654	9,99864,25251	16669	8,89866,78316	26,76323	11,10133,21684	20	
	50	8,89757,61583	26,58016	9,99864,08573	16678	8,89893,53011	26,74695	11,10106,46989	10	
32	0	8,89784,17963	26,56380	9,99863,91884	16689	8,89920,26080	26,73069	11,10079,73920	0	28
	10	8,89810,72710	26,54747	9,99863,75185	16699	8,89946,97525	26,71445	11,10053,02475	50	
	20	8,89837,25824	26,53114	9,99863,58475	16710	8,89973,67349	26,69824	11,10026,32651	40	
	30	8,89863,77308	26,51484	9,99863,41755	16720	8,90000,35552	26,68203	11,09999,64448	30	
	40	8,89890,27164	26,49856	9,99863,25025	16730	8,90027,02138	26,66586	11,09972,97862	20	
	50	8,89916,75394	26,48230	9,99863,08285	16740	8,90053,67109	26,64971	11,09946,32891	10	
33	0	8,89943,22000	26,46606	9,99862,91535	16750	8,90080,30465	26,63356	11,09919,69535	0	27
	10	8,89969,66984	26,44984	9,99862,74774	16761	8,90106,92210	26,61745	11,09893,07790	50	
	20	8,89996,10348	26,43364	9,99862,58003	16771	8,90133,52345	26,60135	11,09866,47655	40	
	30	8,90022,52093	26,41745	9,99862,41221	16782	8,90160,10872	26,58527	11,09839,89128	30	
	40	8,90048,92223	26,40130	9,99862,24430	16791	8,90186,67793	26,56921	11,09813,32207	20	
	50	8,90075,30738	26,38515	9,99862,07628	16802	8,90213,23111	26,55318	11,09786,76889	10	
34	0	8,90101,67641	26,36903	9,99861,90816	16812	8,90239,76826	26,53715	11,09760,23174	0	26
	10	8,90128,02934	26,35293	9,99861,73993	16823	8,90266,28941	26,52115	11,09733,71059	50	
	20	8,90154,36619	26,33685	9,99861,57160	16833	8,90292,79458	26,50517	11,09707,20542	40	
	30	8,90180,68697	26,32078	9,99861,40317	16843	8,90319,28380	26,48922	11,09680,71620	30	
	40	8,90206,99171	26,30474	9,99861,23464	16853	8,90345,75707	26,47327	11,09654,24293	20	
	50	8,90233,28042	26,28871	9,99861,06601	16863	8,90372,21441	26,45734	11,09627,78559	10	
35	0	8,90259,55313	26,27271	9,99860,89727	16874	8,90398,65586	26,44145	11,09601,34414	0	25
	10	8,90285,80985	26,25672	9,99860,72843	16884	8,90425,08142	26,42556	11,09574,91858	50	
	20	8,90312,05060	26,24075	9,99860,55948	16895	8,90451,49112	26,40970	11,09548,50888	40	
	30	8,90338,27541	26,22481	9,99860,39044	16904	8,90477,88497	26,39385	11,09522,11503	30	
	40	8,90364,48428	26,20887	9,99860,22129	16915	8,90504,26300	26,37803	11,09495,73700	20	
	50	8,90390,67725	26,19297	9,99860,05203	16926	8,90530,62522	26,36222	11,09469,37478	10	
36	0	8,90416,85433	26,17708	9,99859,88268	16935	8,90556,97165	26,34643	11,09443,02835	0	24
	10	8,90443,01554	26,16121	9,99859,71322	16946	8,90583,30232	26,33067	11,09416,69768	50	
	20	8,90469,16090	26,14536	9,99859,54366	16956	8,90609,61724	26,31492	11,09390,38276	40	
	30	8,90495,29042	26,12952	9,99859,37400	16966	8,90635,91642	26,29918	11,09364,08358	30	
	40	8,90521,40413	26,11371	9,99859,20423	16977	8,90662,19990	26,28348	11,09337,80010	20	
	50	8,90547,50205	26,09792	9,99859,03437	16986	8,90688,46768	26,26778	11,09311,53232	10	
37	0	8,90573,58419	26,08214	9,99858,86439	16998	8,90714,71980	26,25212	11,09285,28020	0	23
	10	8,90599,65057	26,06638	9,99858,69432	17007	8,90740,95625	26,23645	11,09259,04375	50	
	20	8,90625,70122	26,05065	9,99858,52414	17018	8,90767,17708	26,22083	11,09232,82292	40	
	30	8,90651,73615	26,03493	9,99858,35386	17028	8,90793,38228	26,20520	11,09206,61772	30	
	40	8,90677,75538	26,01923	9,99858,18348	17038	8,90819,57189	26,18961	11,09180,42811	20	
	50	8,90703,75892	26,00354	9,99858,01300	17048	8,90845,74593	26,17404	11,09154,25407	10	
38	0	8,90729,74681	25,98789	9,99857,84241	17059	8,90871,90440	26,15847	11,09128,09560	0	22
	10	8,90755,71905	25,97224	9,99857,67172	17069	8,90898,04733	26,14293	11,09101,95267	50	
	20	8,90781,67566	25,95661	9,99857,50093	17079	8,90924,17474	26,12741	11,09075,82526	40	
	30	8,90807,61667	25,94101	9,99857,33003	17090	8,90950,28664	26,11190	11,09049,71336	30	
	40	8,90833,54209	25,92542	9,99857,15903	17100	8,90976,38306	26,09642	11,09023,61694	20	
	50	8,90859,45195	25,90986	9,99856,98793	17110	8,91002,46401	26,08095	11,08997,53599	10	
39	0	8,90885,34625	25,89430	9,99856,81673	17120	8,91028,52952	26,06551	11,08971,47048	0	21
	10	8,90911,22502	25,87877	9,99856,64542	17131	8,91054,57960	26,05008	11,08945,42040	50	
	20	8,90937,08827	25,86325	9,99856,47401	17141	8,91080,61426	26,03466	11,08919,38574	40	
	30	8,90962,93603	25,84776	9,99856,30250	17151	8,91106,63354	26,01928	11,08893,36646	30	
	40	8,90988,76832	25,83229	9,99856,13088	17162	8,91132,63744	26,00390	11,08867,36256	20	
	50	8,91014,58515	25,81683	9,99855,95916	17172	8,91158,62598	25,98854	11,08841,37402	10	
40	0	8,91040,38653	25,80138	9,99855,78734	17182	8,91184,59919	25,97321	11,08815,40081	0	20
			25,78597		17192		25,95789			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,91040,38653	25,78597	9,99855,78734	17192	8,91184,59919	25,95789	11,08815,40081	0	20
41	10	8,91066,17250	25,77056	9,99855,61542	17203	8,91210,55708	25,94258	11,08789,44292	50	19
	20	8,91091,94306	25,75518	9,99855,44339	17212	8,91236,49966	25,92731	11,08763,50034	40	
	30	8,91117,69824	25,73981	9,99855,27127	17224	8,91262,42697	25,91204	11,08737,57303	30	
	40	8,91143,43805	25,72446	9,99855,09903	17233	8,91288,33901	25,89680	11,08711,66099	20	
	50	8,91169,16251	25,70913	9,99854,92670	17244	8,91314,23581	25,88157	11,08685,76419	10	
42	0	8,91194,87164	25,69382	9,99854,75426	17254	8,91340,11738	25,86636	11,08659,88262	0	18
	10	8,91220,56546	25,67852	9,99854,58172	17264	8,91365,98374	25,85116	11,08634,01626	50	
	20	8,91246,24398	25,66325	9,99854,40908	17275	8,91391,83490	25,83600	11,08608,16510	40	
	30	8,91271,90723	25,64799	9,99854,23633	17284	8,91417,67090	25,82084	11,08582,32910	30	
	40	8,91297,55522	25,63276	9,99854,06349	17296	8,91443,49174	25,80570	11,08556,50826	20	
43	50	8,91323,18798	25,61753	9,99853,89053	17305	8,91469,29744	25,79058	11,08530,70256	10	17
	0	8,91348,80551	25,60232	9,99853,71748	17316	8,91495,08802	25,77549	11,08504,91198	0	
	10	8,91374,40783	25,58714	9,99853,54432	17325	8,91520,86351	25,76040	11,08479,13649	50	
	20	8,91399,99497	25,57197	9,99853,37107	17337	8,91546,62391	25,74533	11,08453,37609	40	
	30	8,91425,56694	25,55682	9,99853,19770	17346	8,91572,36924	25,73028	11,08427,63076	30	
44	40	8,91451,12376	25,54169	9,99853,02424	17357	8,91598,09952	25,71526	11,08401,90048	20	16
	50	8,91476,66545	25,52657	9,99852,85067	17367	8,91623,81478	25,70024	11,08376,18522	10	
	0	8,91502,19202	25,51148	9,99852,67700	17377	8,91649,51502	25,68525	11,08350,48498	0	
	10	8,91527,70350	25,49640	9,99852,50323	17388	8,91675,20027	25,67028	11,08324,79973	50	
	20	8,91553,19990	25,48133	9,99852,32935	17398	8,91700,87055	25,65531	11,08299,12945	40	
45	30	8,91578,68123	25,46630	9,99852,15537	17408	8,91726,52586	25,64037	11,08273,47414	30	15
	40	8,91604,14753	25,45126	9,99851,98129	17418	8,91752,16623	25,62545	11,08247,83377	20	
	50	8,91629,59879	25,43626	9,99851,80711	17429	8,91777,79168	25,61055	11,08222,20832	10	
	0	8,91655,03505	25,42126	9,99851,63282	17439	8,91803,40223	25,59565	11,08196,59777	0	
	10	8,91680,45631	25,40630	9,99851,45843	17449	8,91828,99788	25,58079	11,08171,00212	50	
46	20	8,91705,86261	25,39133	9,99851,28394	17460	8,91854,57867	25,56593	11,08145,42133	40	14
	30	8,91731,25394	25,37640	9,99851,10934	17470	8,91880,14460	25,55110	11,08119,85540	30	
	40	8,91756,63034	25,36148	9,99850,93464	17480	8,91905,69570	25,53627	11,08094,30430	20	
	50	8,91781,99182	25,34657	9,99850,75984	17490	8,91931,23197	25,52148	11,08068,76803	10	
	0	8,91807,33839	25,33169	9,99850,58494	17501	8,91956,75345	25,50669	11,08043,24655	0	
47	10	8,91832,67008	25,31681	9,99850,40993	17511	8,91982,26014	25,49193	11,08017,73986	50	13
	20	8,91857,98689	25,30197	9,99850,23482	17521	8,92007,75207	25,47718	11,07992,24793	40	
	30	8,91883,28886	25,28713	9,99850,05961	17531	8,92033,22925	25,46244	11,07966,77075	30	
	40	8,91908,57599	25,27232	9,99849,88430	17542	8,92058,69169	25,44774	11,07941,30831	20	
	50	8,91933,84831	25,25751	9,99849,70888	17552	8,92084,13943	25,43303	11,07915,86057	10	
48	0	8,91959,10582	25,24273	9,99849,53336	17563	8,92109,57246	25,41836	11,07890,42754	0	12
	10	8,91984,34855	25,22797	9,99849,35773	17572	8,92134,99082	25,40369	11,07865,00918	50	
	20	8,92009,57652	25,21322	9,99849,18201	17583	8,92160,39451	25,38905	11,07839,60549	40	
	30	8,92034,78974	25,19848	9,99849,00618	17593	8,92185,78356	25,37442	11,07814,21644	30	
	40	8,92059,98822	25,18378	9,99848,83025	17604	8,92211,15798	25,35980	11,07788,84202	20	
49	50	8,92085,17200	25,16907	9,99848,65421	17613	8,92236,51778	25,34522	11,07763,48222	10	11
	0	8,92110,34107	25,15440	9,99848,47808	17624	8,92261,86300	25,33063	11,07738,13700	0	
	10	8,92135,49547	25,13973	9,99848,30184	17635	8,92287,19363	25,31608	11,07712,80637	50	
	20	8,92160,63520	25,12509	9,99848,12549	17644	8,92312,50971	25,30153	11,07687,49029	40	
	30	8,92185,76029	25,11045	9,99847,94905	17655	8,92337,81124	25,28700	11,07662,18876	30	
50	40	8,92210,87074	25,09585	9,99847,77250	17665	8,92363,09824	25,27250	11,07636,90176	20	10
	50	8,92235,96659	25,08125	9,99847,59585	17676	8,92388,37074	25,25801	11,07611,62926	10	
	0	8,92261,04784	25,06667	9,99847,41909	17685	8,92413,62875	25,24352	11,07586,37125	0	
	10	8,92286,11451	25,05211	9,99847,24224	17696	8,92438,87227	25,22907	11,07561,12773	50	
	20	8,92311,16662	25,03757	9,99847,06528	17706	8,92464,10134	25,21463	11,07535,89866	40	
51	30	8,92336,20419	25,02303	9,99846,88822	17717	8,92489,31597	25,20020	11,07510,68403	30	9
	40	8,92361,22722	25,00853	9,99846,71105	17727	8,92514,51617	25,18579	11,07485,48383	20	
	50	8,92386,23575	24,99403	9,99846,53378	17737	8,92539,70196	25,17141	11,07460,29804	10	
	0	8,92411,22978	24,97955	9,99846,35641	17747	8,92564,87337	25,15702	11,07435,12663	0	
	10	8,92436,20933	24,96509	9,99846,17894	17758	8,92590,03039	25,14267	11,07409,96961	50	
52	20	8,92461,17442	24,95065	9,99846,00136	17768	8,92615,17306	25,12832	11,07384,82694	40	8
	30	8,92486,12507	24,93622	9,99845,82368	17778	8,92640,30138	25,11401	11,07359,69862	30	
	40	8,92511,06129	24,92180	9,99845,64590	17788	8,92665,41539	25,09969	11,07334,58461	20	
	50	8,92535,98309	24,90741	9,99845,46802	17799	8,92690,51508	25,08540	11,07309,48492	10	
	0	8,92560,89050	24,89304	9,99845,29003	17809	8,92715,60048	25,07112	11,07284,39952	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	8,92560,89050		9,99845,29003		8,92715,60048		11,07284,39952	0	10
	10	8,92585,78354	24,89304	9,99845,11194	17809	8,92740,67160	25,07112	11,07259,32840	50	
	20	8,92610,66221	24,87867	9,99844,93374	17820	8,92765,72846	25,05686	11,07234,27154	40	
	30	8,92635,52653	24,86432	9,99844,75545	17829	8,92790,77108	25,04262	11,07209,22892	30	
	40	8,92660,37653	24,85000	9,99844,57705	17840	8,92815,79948	25,02840	11,07184,20052	20	
	50	8,92685,21221	24,83568	9,99844,39855	17850	8,92840,81366	25,01418	11,07159,18634	10	
51	0	8,92710,03360	24,82139	9,99844,21994	17861	8,92865,81365	24,99999	11,07134,18635	0	9
	10	8,92734,84070	24,80710	9,99844,04124	17870	8,92890,79947	24,98582	11,07109,20053	50	
	20	8,92759,63355	24,79285	9,99843,86243	17881	8,92915,77112	24,97165	11,07084,22888	40	
	30	8,92784,41214	24,77859	9,99843,68351	17892	8,92940,72863	24,95751	11,07059,27137	30	
	40	8,92809,17650	24,76436	9,99843,50450	17901	8,92965,67201	24,94338	11,07034,32799	20	
	50	8,92833,92665	24,75015	9,99843,32538	17912	8,92990,60127	24,92926	11,07009,39873	10	
52	0	8,92858,66260	24,73595	9,99843,14616	17922	8,93015,51644	24,91517	11,06984,48356	0	8
	10	8,92883,38437	24,72177	9,99842,96683	17933	8,93040,41754	24,90110	11,06959,58246	50	
	20	8,92908,09197	24,70760	9,99842,78741	17942	8,93065,30456	24,88702	11,06934,69544	40	
	30	8,92932,78542	24,69345	9,99842,60788	17953	8,93090,17754	24,87298	11,06909,82246	30	
	40	8,92957,46473	24,67931	9,99842,42824	17964	8,93115,03649	24,85895	11,06884,96351	20	
	50	8,92982,12993	24,66520	9,99842,24851	17973	8,93139,88142	24,84493	11,06860,11858	10	
53	0	8,93006,78102	24,65109	9,99842,06867	17984	8,93164,71235	24,83093	11,06835,28765	0	7
	10	8,93031,41803	24,63701	9,99841,88873	17994	8,93189,52930	24,81695	11,06810,47070	50	
	20	8,93056,04097	24,62294	9,99841,70869	18004	8,93214,33228	24,80298	11,06785,66772	40	
	30	8,93080,64985	24,60888	9,99841,52854	18015	8,93239,12131	24,78903	11,06760,87869	30	
	40	8,93105,24470	24,59485	9,99841,34829	18025	8,93263,89641	24,77510	11,06736,10359	20	
	50	8,93129,82552	24,58082	9,99841,16794	18035	8,93288,65758	24,76117	11,06711,34242	10	
54	0	8,93154,39233	24,56681	9,99840,98748	18046	8,93313,40485	24,74727	11,06686,59515	0	6
	10	8,93178,94516	24,55283	9,99840,80692	18056	8,93338,13824	24,73339	11,06661,86176	50	
	20	8,93203,48401	24,53885	9,99840,62626	18066	8,93362,85775	24,71951	11,06637,14225	40	
	30	8,93228,00890	24,52489	9,99840,44550	18076	8,93387,56340	24,70565	11,06612,43660	30	
	40	8,93252,51984	24,51094	9,99840,26463	18087	8,93412,25521	24,69181	11,06587,74479	20	
	50	8,93277,01686	24,49702	9,99840,08366	18097	8,93436,93320	24,67799	11,06563,06680	10	
55	0	8,93301,49997	24,48311	9,99839,90259	18107	8,93461,59738	24,66418	11,06538,40262	0	5
	10	8,93325,96918	24,46921	9,99839,72142	18117	8,93486,24776	24,65038	11,06513,75224	50	
	20	8,93350,42451	24,45533	9,99839,54014	18128	8,93510,88437	24,63661	11,06489,11563	40	
	30	8,93374,86597	24,44146	9,99839,35876	18138	8,93535,50722	24,62285	11,06464,49278	30	
	40	8,93399,29359	24,42762	9,99839,17727	18149	8,93560,11631	24,60909	11,06439,88369	20	
	50	8,93423,70737	24,41378	9,99838,99569	18158	8,93584,71168	24,59537	11,06415,28832	10	
56	0	8,93448,10733	24,39996	9,99838,81400	18169	8,93609,29333	24,58165	11,06390,70667	0	4
	10	8,93472,49349	24,38616	9,99838,63221	18179	8,93633,86128	24,56795	11,06366,13872	50	
	20	8,93496,86586	24,37237	9,99838,45031	18190	8,93658,41555	24,55427	11,06341,58445	40	
	30	8,93521,22446	24,35860	9,99838,26831	18200	8,93682,95615	24,54060	11,06317,04385	30	
	40	8,93545,56930	24,34484	9,99838,08621	18210	8,93707,48309	24,52694	11,06292,51691	20	
	50	8,93569,90040	24,33110	9,99837,90401	18220	8,93731,99640	24,51331	11,06268,00360	10	
57	0	8,93594,21778	24,31738	9,99837,72170	18231	8,93756,49608	24,49968	11,06243,50392	0	3
	10	8,93618,52145	24,30367	9,99837,53929	18241	8,93780,98215	24,48607	11,06219,01785	50	
	20	8,93642,81142	24,28997	9,99837,35678	18251	8,93805,45463	24,47248	11,06194,54537	40	
	30	8,93667,08771	24,27629	9,99837,17417	18261	8,93829,91354	24,45891	11,06170,08646	30	
	40	8,93691,35033	24,26262	9,99836,99145	18272	8,93854,35888	24,44534	11,06145,64112	20	
	50	8,93715,59931	24,24898	9,99836,80863	18282	8,93878,79068	24,43180	11,06121,20932	10	
58	0	8,93739,83465	24,23534	9,99836,62570	18293	8,93903,20895	24,41827	11,06096,79105	0	2
	10	8,93764,05638	24,22173	9,99836,44268	18302	8,93927,61370	24,40475	11,06072,38630	50	
	20	8,93788,26450	24,20812	9,99836,25955	18313	8,93952,00495	24,39125	11,06047,99505	40	
	30	8,93812,45903	24,19453	9,99836,07632	18323	8,93976,38271	24,37776	11,06023,61729	30	
	40	8,93836,63999	24,18096	9,99835,89298	18334	8,94000,74701	24,36430	11,05999,25299	20	
	50	8,93860,80739	24,16740	9,99835,70955	18343	8,94025,09785	24,35084	11,05974,90215	10	
59	0	8,93884,96125	24,15386	9,99835,52600	18355	8,94049,43524	24,33739	11,05950,56476	0	1
	10	8,93909,10158	24,14033	9,99835,34236	18364	8,94073,75922	24,32398	11,05926,24078	50	
	20	8,93933,22840	24,12682	9,99835,15862	18374	8,94098,06978	24,31056	11,05901,93022	40	
	30	8,93957,34171	24,11331	9,99834,97477	18385	8,94122,36695	24,29717	11,05877,63305	30	
	40	8,93981,44155	24,09984	9,99834,79081	18396	8,94146,65074	24,28379	11,05853,34926	20	
	50	8,94005,52792	24,08637	9,99834,60676	18405	8,94170,92116	24,27042	11,05829,07884	10	
60	0	8,94029,60083	24,07291	9,99834,42260	18416	8,94195,17823	24,25707	11,05804,82177	0	0
			24,05948		18426		24,24374			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	8,94029,60083		9,99834,42260		8,94195,17823		11,05804,82177	o	60
	10	8,94053,66031	24,05948	9,99834,23834	18426	8,94219,42197	24,24374	11,05780,57803	50	
	20	8,94077,70636	24,04605	9,99834,05398	18436	8,94243,65238	24,23041	11,05756,34762	40	
	30	8,94101,73901	24,03265	9,99833,86951	18447	8,94267,86950	24,21712	11,05732,13050	30	
	40	8,94125,75826	24,01925	9,99833,68494	18457	8,94292,07332	24,20382	11,05707,92668	20	
	50	8,94149,76413	24,00587	9,99833,50027	18467	8,94316,26386	24,19054	11,05683,73614	10	
1	0	8,94173,75664	23,99251	9,99833,31550	18477	8,94340,44114	24,17728	11,05659,55886	o	59
	10	8,94197,73580	23,97916	9,99833,13062	18488	8,94364,60518	24,16404	11,05635,39482	50	
	20	8,94221,70162	23,96582	9,99832,94564	18498	8,94388,75598	24,15080	11,05611,24402	40	
	30	8,94245,65412	23,95250	9,99832,76055	18509	8,94412,89357	24,13759	11,05587,10643	30	
	40	8,94269,59332	23,93920	9,99832,57537	18518	8,94437,01796	24,12439	11,05562,98204	20	
	50	8,94293,51923	23,92591	9,99832,39008	18529	8,94461,12915	24,11119	11,05538,87085	10	
2	0	8,94317,43186	23,91263	9,99832,20469	18539	8,94485,22718	24,09803	11,05514,77282	o	58
	10	8,94341,33124	23,89938	9,99832,01919	18550	8,94509,31204	24,08486	11,05490,68796	50	
	20	8,94365,21736	23,88612	9,99831,83359	18560	8,94533,38377	24,07173	11,05466,61623	40	
	30	8,94389,09025	23,87289	9,99831,64789	18570	8,94557,44236	24,05859	11,05442,55764	30	
	40	8,94412,94993	23,85968	9,99831,46209	18580	8,94581,48784	24,04548	11,05418,51216	20	
	50	8,94436,79640	23,84647	9,99831,27618	18591	8,94605,52022	24,03238	11,05394,47978	10	
3	0	8,94460,62968	23,83328	9,99831,09017	18601	8,94629,53951	24,01929	11,05370,46049	o	57
	10	8,94484,44979	23,82011	9,99830,90406	18611	8,94653,54573	24,00622	11,05346,45427	50	
	20	8,94508,25674	23,80695	9,99830,71785	18621	8,94677,53889	23,99316	11,05322,46111	40	
	30	8,94532,05055	23,79381	9,99830,53153	18632	8,94701,51902	23,98013	11,05298,48098	30	
	40	8,94555,83122	23,78067	9,99830,34511	18642	8,94725,48611	23,96709	11,05274,51389	20	
	50	8,94579,59878	23,76756	9,99830,15859	18652	8,94749,44019	23,95408	11,05250,55981	10	
4	0	8,94603,35323	23,75445	9,99829,97196	18663	8,94773,38127	23,94108	11,05226,61873	o	56
	10	8,94627,09460	23,74137	9,99829,78523	18673	8,94797,30937	23,92810	11,05202,69063	50	
	20	8,94650,82289	23,72829	9,99829,59840	18683	8,94821,22449	23,91512	11,05178,77551	40	
	30	8,94674,53813	23,71524	9,99829,41146	18694	8,94845,12666	23,90217	11,05154,87334	30	
	40	8,94698,24031	23,70218	9,99829,22442	18704	8,94869,01589	23,88923	11,05130,98411	20	
	50	8,94721,92947	23,68916	9,99829,03728	18714	8,94892,89219	23,87630	11,05107,10781	10	
5	0	8,94745,60561	23,67614	9,99828,85004	18724	8,94916,75558	23,86339	11,05083,24442	o	55
	10	8,94769,26875	23,66314	9,99828,66269	18735	8,94940,60606	23,85048	11,05059,39394	50	
	20	8,94792,91891	23,65016	9,99828,47524	18745	8,94964,44366	23,83760	11,05035,55634	40	
	30	8,94816,55608	23,63717	9,99828,28769	18755	8,94988,26839	23,82473	11,05011,73161	30	
	40	8,94840,18030	23,62422	9,99828,10004	18765	8,95012,08026	23,81187	11,04987,91974	20	
	50	8,94863,79157	23,61127	9,99827,91228	18776	8,95035,87929	23,79903	11,04964,12071	10	
6	0	8,94887,38991	23,59834	9,99827,72442	18786	8,95059,66550	23,78621	11,04940,33450	o	54
	10	8,94910,97533	23,58542	9,99827,53645	18797	8,95083,43888	23,77338	11,04916,56112	50	
	20	8,94934,54785	23,57252	9,99827,34839	18806	8,95107,19947	23,76059	11,04892,80053	40	
	30	8,94958,10748	23,55963	9,99827,16022	18817	8,95130,94727	23,74780	11,04869,05273	30	
	40	8,94981,65423	23,54675	9,99826,97194	18828	8,95154,68229	23,73502	11,04845,31771	20	
	50	8,95005,18812	23,53389	9,99826,78357	18837	8,95178,40456	23,72227	11,04821,59544	10	
7	0	8,95028,70917	23,52105	9,99826,59509	18848	8,95202,11408	23,70952	11,04797,88592	o	53
	10	8,95052,21738	23,50821	9,99826,40651	18858	8,95225,81087	23,69679	11,04774,18913	50	
	20	8,95075,71277	23,49539	9,99826,21782	18869	8,95249,49494	23,68407	11,04750,50506	40	
	30	8,95099,19535	23,48258	9,99826,02904	18878	8,95273,16631	23,67137	11,04726,83369	30	
	40	8,95122,66514	23,46979	9,99825,84015	18889	8,95296,82499	23,65868	11,04703,17501	20	
	50	8,95146,12215	23,45701	9,99825,65115	18900	8,95320,47100	23,64601	11,04679,52900	10	
8	0	8,95169,56640	23,44425	9,99825,46206	18909	8,95344,10434	23,63334	11,04655,89566	o	52
	10	8,95192,99790	23,43150	9,99825,27286	18920	8,95367,72504	23,62070	11,04632,27496	50	
	20	8,95216,41666	23,41876	9,99825,08356	18930	8,95391,33310	23,60806	11,04608,66690	40	
	30	8,95239,82269	23,40603	9,99824,89415	18941	8,95414,92854	23,59544	11,04585,07146	30	
	40	8,95263,21602	23,39333	9,99824,70464	18951	8,95438,51137	23,58283	11,04561,48863	20	
	50	8,95286,59665	23,38063	9,99824,51503	18961	8,95462,08161	23,57024	11,04537,91839	10	
9	0	8,95309,96459	23,36794	9,99824,32532	18971	8,95485,63927	23,55766	11,04514,36073	o	51
	10	8,95333,31987	23,35528	9,99824,13550	18982	8,95509,18437	23,54510	11,04490,81563	50	
	20	8,95356,66250	23,34263	9,99823,94559	18991	8,95532,71691	23,53254	11,04467,28309	40	
	30	8,95379,99248	23,32998	9,99823,75556	19003	8,95556,23692	23,52001	11,04443,76308	30	
	40	8,95403,30983	23,31735	9,99823,56544	19012	8,95579,74439	23,50747	11,04420,25561	20	
	50	8,95426,61457	23,30474	9,99823,37521	19023	8,95603,23936	23,49497	11,04396,76064	10	
10	0	8,95449,90671	23,29214	9,99823,18488	19033	8,95626,72183	23,48247	11,04373,27817	o	50
		Sin. Comple.	23,27955	SINVVM	19043	Tang. compl.	23,46999	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	8,95449,90671		9,99823,18488		8,95626,72183		11,04373,27817	0	50
	10	8,95473,18626	23,27955	9,99822,99445	19043	8,95650,19182	23,46999	11,04349,80818	50	
	20	8,95496,45324	23,26698	9,99822,80391	19054	8,95673,64933	23,45751	11,04326,35067	40	
	30	8,95519,70766	23,25442	9,99822,61327	19064	8,95697,09439	23,44506	11,04302,90561	30	
	40	8,95542,94953	23,24187	9,99822,42253	19074	8,95720,52700	23,43261	11,04279,47300	20	
	50	8,95566,17886	23,22933	9,99822,23168	19085	8,95743,94718	23,42018	11,04256,05282	10	
11	0	8,95589,39568	23,21682	9,99822,04073	19095	8,95767,35495	23,40777	11,04232,64505	0	49
	10	8,95612,59999	23,20431	9,99821,84968	19105	8,95790,75031	23,39536	11,04209,24969	50	
	20	8,95635,79180	23,19181	9,99821,65853	19115	8,95814,13328	23,38297	11,04185,86672	40	
	30	8,95658,97114	23,17934	9,99821,46727	19126	8,95837,50387	23,37059	11,04162,49613	30	
	40	8,95682,13801	23,16687	9,99821,27591	19136	8,95860,86210	23,35823	11,04139,13790	20	
	50	8,95705,29242	23,15441	9,99821,08445	19146	8,95884,20798	23,34588	11,04115,79202	10	
12	0	8,95728,43440	23,14198	9,99820,89288	19157	8,95907,54152	23,33354	11,04092,45848	0	48
	10	8,95751,56395	23,12955	9,99820,70121	19167	8,95930,86273	23,32121	11,04069,13727	50	
	20	8,95774,68108	23,11713	9,99820,50944	19177	8,95954,17164	23,30891	11,04045,82836	40	
	30	8,95797,78582	23,10474	9,99820,31757	19187	8,95977,46825	23,29661	11,04022,53175	30	
	40	8,95820,87816	23,09234	9,99820,12559	19198	8,96000,75257	23,28432	11,03999,24743	20	
	50	8,95843,95814	23,07998	9,99819,93351	19208	8,96024,02463	23,27206	11,03975,97537	10	
13	0	8,95867,02575	23,06761	9,99819,74133	19218	8,96047,28442	23,25979	11,03952,71558	0	47
	10	8,95890,08101	23,05526	9,99819,54904	19229	8,96070,53197	23,24755	11,03929,46803	50	
	20	8,95913,12394	23,04293	9,99819,35665	19239	8,96093,76729	23,23532	11,03906,23271	40	
	30	8,95936,15455	23,03061	9,99819,16416	19249	8,96116,99039	23,22310	11,03883,00961	30	
	40	8,95959,17284	23,01829	9,99818,97156	19260	8,96140,20128	23,21089	11,03859,79872	20	
	50	8,95982,17885	23,00601	9,99818,77887	19269	8,96163,39998	23,19870	11,03836,60002	10	
14	0	8,96005,17257	22,99372	9,99818,58607	19280	8,96186,58650	23,18652	11,03813,41350	0	46
	10	8,96028,15402	22,98145	9,99818,39316	19291	8,96209,76086	23,17436	11,03790,23914	50	
	20	8,96051,12321	22,96919	9,99818,20015	19301	8,96232,92306	23,16220	11,03767,07694	40	
	30	8,96074,08016	22,95695	9,99818,00704	19311	8,96256,07312	23,15006	11,03743,92688	30	
	40	8,96097,02488	22,94472	9,99817,81383	19321	8,96279,21105	23,13793	11,03720,78895	20	
	50	8,96119,95738	22,93250	9,99817,62052	19331	8,96302,33687	23,12582	11,03697,66313	10	
15	0	8,96142,87768	22,92030	9,99817,42710	19342	8,96325,45058	23,11371	11,03674,54942	0	45
	10	8,96165,78578	22,90810	9,99817,23358	19352	8,96348,55221	23,10163	11,03651,44779	50	
	20	8,96188,68171	22,89593	9,99817,03995	19363	8,96371,64176	23,08955	11,03628,35824	40	
	30	8,96211,56547	22,88376	9,99816,84622	19373	8,96394,71925	23,07749	11,03605,28075	30	
	40	8,96234,43708	22,87161	9,99816,65239	19383	8,96417,78468	23,06543	11,03582,21532	20	
	50	8,96257,29654	22,85946	9,99816,45846	19393	8,96440,83808	23,05340	11,03559,16192	10	
16	0	8,96280,14388	22,84734	9,99816,26442	19404	8,96463,87945	23,04137	11,03536,12055	0	44
	10	8,96302,97910	22,83522	9,99816,07029	19413	8,96486,90881	23,02936	11,03513,09119	50	
	20	8,96325,80222	22,82312	9,99815,87604	19425	8,96509,92617	23,01736	11,03490,07383	40	
	30	8,96348,61325	22,81103	9,99815,68170	19434	8,96532,93155	23,00538	11,03467,06845	30	
	40	8,96371,41220	22,79895	9,99815,48725	19445	8,96555,92495	22,99340	11,03444,07505	20	
	50	8,96394,19909	22,78689	9,99815,29270	19455	8,96578,90639	22,98144	11,03421,09361	10	
17	0	8,96416,97392	22,77483	9,99815,09805	19465	8,96601,87588	22,96949	11,03398,12412	0	43
	10	8,96439,73672	22,76280	9,99814,90329	19476	8,96624,83343	22,95755	11,03375,16657	50	
	20	8,96462,48749	22,75077	9,99814,70843	19486	8,96647,77906	22,94563	11,03352,22094	40	
	30	8,96485,22625	22,73876	9,99814,51347	19496	8,96670,71278	22,93372	11,03329,28722	30	
	40	8,96507,95300	22,72675	9,99814,31840	19507	8,96693,63460	22,92182	11,03306,36540	20	
	50	8,96530,66777	22,71477	9,99814,12323	19517	8,96716,54454	22,90994	11,03283,45546	10	
18	0	8,96553,37056	22,70279	9,99813,92796	19527	8,96739,44260	22,89806	11,03260,55740	0	42
	10	8,96576,06139	22,69083	9,99813,73259	19537	8,96762,32880	22,88620	11,03237,67120	50	
	20	8,96598,74026	22,67887	9,99813,53711	19548	8,96785,20315	22,87435	11,03214,79685	40	
	30	8,96621,40720	22,66694	9,99813,34153	19558	8,96808,06567	22,86252	11,03191,93433	30	
	40	8,96644,06221	22,65501	9,99813,14584	19569	8,96830,91636	22,85069	11,03169,08364	20	
	50	8,96666,70531	22,64310	9,99812,95006	19578	8,96853,75525	22,83889	11,03146,24475	10	
19	0	8,96689,33650	22,63119	9,99812,75417	19589	8,96876,58233	22,82708	11,03123,41767	0	41
	10	8,96711,95581	22,61931	9,99812,55818	19599	8,96899,39763	22,81530	11,03100,60237	50	
	20	8,96734,56324	22,60743	9,99812,36208	19610	8,96922,20115	22,80352	11,03077,79885	40	
	30	8,96757,15880	22,59556	9,99812,16588	19620	8,96944,99292	22,79177	11,03055,00708	30	
	40	8,96779,74251	22,58371	9,99811,96958	19630	8,96967,77293	22,78001	11,03032,22707	20	
	50	8,96802,31439	22,57188	9,99811,77318	19640	8,96990,54121	22,76828	11,03009,45879	10	
20	0	8,96824,87443	22,56004	9,99811,57667	19651	8,97013,29776	22,75655	11,02986,70224	0	40
			22,54823		19661		22,74484			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	8,96824,87443		9,99811,57667		8,97013,29776		11,02986,70224	o	40
	10	8,96847,42266	22,54823	9,99811,38006	19661	8,97036,04260	22,74484	11,02963,95740	50	
	20	8,96869,95909	22,53643	9,99811,18335	19671	8,97058,77574	22,73314	11,02941,22426	40	
	30	8,96892,48373	22,52464	9,99810,98653	19682	8,97081,49720	22,72146	11,02918,50280	30	
	40	8,96914,99659	22,51286	9,99810,78961	19692	8,97104,20698	22,70978	11,02895,79302	20	
	50	8,96937,49768	22,50109	9,99810,59259	19702	8,97126,90509	22,69811	11,02873,09491	10	
21	0	8,96959,98702	22,48934	9,99810,39546	19713	8,97149,59155	22,68646	11,02850,40845	o	39
	10	8,96982,46462	22,47760	9,99810,19824	19722	8,97172,26638	22,67483	11,02827,73362	50	
	20	8,97004,93048	22,46586	9,99810,00091	19733	8,97194,92958	22,66320	11,02805,07042	40	
	30	8,97027,38463	22,45415	9,99809,80347	19744	8,97217,58116	22,65158	11,02782,41884	30	
	40	8,97049,82708	22,44245	9,99809,60593	19754	8,97240,22114	22,63998	11,02759,77886	20	
	50	8,97072,25783	22,43075	9,99809,40829	19764	8,97262,84953	22,62839	11,02737,15047	10	
22	0	8,97094,67690	22,41907	9,99809,21055	19774	8,97285,46635	22,61682	11,02714,53365	o	38
	10	8,97117,08430	22,40740	9,99809,01271	19784	8,97308,07159	22,60524	11,02691,92841	50	
	20	8,97139,48004	22,39574	9,99808,81476	19795	8,97330,66529	22,59370	11,02669,33471	40	
	30	8,97161,86414	22,38410	9,99808,61671	19805	8,97353,24744	22,58215	11,02646,75256	30	
	40	8,97184,23661	22,37247	9,99808,41855	19816	8,97375,81806	22,57062	11,02624,18194	20	
	50	8,97206,59745	22,36084	9,99808,22029	19826	8,97398,37716	22,55910	11,02601,62284	10	
23	0	8,97228,94669	22,34924	9,99808,02193	19836	8,97420,92476	22,54760	11,02579,07524	o	37
	10	8,97251,28433	22,33764	9,99807,82347	19846	8,97443,46086	22,53610	11,02556,53914	50	
	20	8,97273,61038	22,32605	9,99807,62490	19857	8,97465,98548	22,52462	11,02534,01452	40	
	30	8,97295,92486	22,31448	9,99807,42623	19867	8,97488,49862	22,51314	11,02511,50138	30	
	40	8,97318,22777	22,30291	9,99807,22746	19877	8,97511,00032	22,50170	11,02488,99968	20	
	50	8,97340,51914	22,29137	9,99807,02858	19888	8,97533,49056	22,49024	11,02466,50944	10	
24	0	8,97362,79897	22,27983	9,99806,82961	19897	8,97555,96937	22,47881	11,02444,03063	o	36
	10	8,97385,06728	22,26831	9,99806,63052	19909	8,97578,43675	22,46738	11,02421,56325	50	
	20	8,97407,32407	22,25679	9,99806,43134	19918	8,97600,89273	22,45598	11,02399,10727	40	
	30	8,97429,56935	22,24528	9,99806,23205	19929	8,97623,33730	22,44457	11,02376,66270	30	
	40	8,97451,80315	22,23380	9,99806,03266	19939	8,97645,77049	22,43319	11,02354,22951	20	
	50	8,97474,02547	22,22232	9,99805,83317	19949	8,97668,19230	22,42181	11,02331,80770	10	
25	0	8,97496,23632	22,21085	9,99805,63357	19960	8,97690,60275	22,41045	11,02309,39725	o	35
	10	8,97518,43572	22,19940	9,99805,43387	19970	8,97713,00184	22,39909	11,02286,99816	50	
	20	8,97540,62367	22,18795	9,99805,23407	19980	8,97735,38960	22,38776	11,02264,61040	40	
	30	8,97562,80019	22,17652	9,99805,03416	19991	8,97757,76602	22,37642	11,02242,23398	30	
	40	8,97584,96529	22,16510	9,99804,83415	20001	8,97780,13113	22,36511	11,02219,86887	20	
	50	8,97607,11898	22,15369	9,99804,63404	20011	8,97802,48494	22,35381	11,02197,51506	10	
26	0	8,97629,26127	22,14229	9,99804,43383	20021	8,97824,82744	22,34250	11,02175,17256	o	34
	10	8,97651,39218	22,13091	9,99804,23351	20032	8,97847,15867	22,33123	11,02152,84133	50	
	20	8,97673,51172	22,11954	9,99804,03309	20042	8,97869,47863	22,31996	11,02130,52137	40	
	30	8,97695,61989	22,10817	9,99803,83257	20052	8,97891,78732	22,30869	11,02108,21268	30	
	40	8,97717,71671	22,09682	9,99803,63194	20063	8,97914,08477	22,29745	11,02085,91523	20	
	50	8,97739,80219	22,08548	9,99803,43121	20073	8,97936,37098	22,28621	11,02063,62902	10	
27	0	8,97761,87635	22,07416	9,99803,23038	20083	8,97958,64597	22,27499	11,02041,35403	o	33
	10	8,97783,93919	22,06284	9,99803,02944	20094	8,97980,90974	22,26377	11,02019,09026	50	
	20	8,97805,99072	22,05153	9,99802,82840	20104	8,98003,16232	22,25258	11,01996,83768	40	
	30	8,97828,03096	22,04024	9,99802,62726	20114	8,98025,40370	22,24138	11,01974,59630	30	
	40	8,97850,05992	22,02896	9,99802,42602	20124	8,98047,63390	22,23020	11,01952,36610	20	
	50	8,97872,07761	22,01769	9,99802,22467	20135	8,98069,85294	22,21904	11,01930,14706	10	
28	0	8,97894,08404	22,00643	9,99802,02322	20145	8,98092,06082	22,20788	11,01907,93918	o	32
	10	8,97916,07922	21,99518	9,99801,82166	20156	8,98114,25756	22,19674	11,01885,74244	50	
	20	8,97938,06317	21,98395	9,99801,62001	20165	8,98136,44316	22,18560	11,01863,55684	40	
	30	8,97960,03589	21,97272	9,99801,41825	20176	8,98158,61765	22,17449	11,01841,38235	30	
	40	8,97981,99740	21,96151	9,99801,21639	20186	8,98180,78102	22,16337	11,01819,21898	20	
	50	8,98003,94771	21,95031	9,99801,01442	20197	8,98202,93329	22,15227	11,01797,06671	10	
29	0	8,98025,88683	21,93912	9,99800,81235	20207	8,98225,07448	22,14119	11,01774,92552	o	31
	10	8,98047,81476	21,92793	9,99800,61018	20217	8,98247,20458	22,13010	11,01752,79542	50	
	20	8,98069,73153	21,91677	9,99800,40790	20228	8,98269,32363	22,11905	11,01730,67637	40	
	30	8,98091,63715	21,90562	9,99800,20553	20237	8,98291,43162	22,10799	11,01708,56838	30	
	40	8,98113,53161	21,89446	9,99800,00305	20248	8,98313,52857	22,09695	11,01686,47143	20	
	50	8,98135,41494	21,88333	9,99799,80046	20259	8,98335,61448	22,08591	11,01664,38552	10	
30	0	8,98157,28715	21,87221	9,99799,59777	20269	8,98357,68938	22,07490	11,01642,31062	o	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	8,98157,28715	21,86110	9,99799,59777	20279	8,98357,68938	22,06389	11,01642,31062	0	30
	10	8,98179,14825	21,85000	9,99799,39498	20289	8,98379,75327	22,05289	11,01620,24673	50	
	20	8,98200,99825	21,83891	9,99799,19209	20299	8,98401,80616	22,04190	11,01598,19384	40	
	30	8,98222,83716	21,82782	9,99798,98910	20310	8,98423,84806	22,03093	11,01576,15194	30	
	40	8,98244,66498	21,81677	9,99798,78600	20321	8,98445,87899	22,01996	11,01554,12101	20	
	50	8,98266,48175	21,80570	9,99798,58279	20330	8,98467,89895	22,00901	11,01532,10105	10	
31	0	8,98288,28745	21,79466	9,99798,37949	20341	8,98489,90796	21,99807	11,01510,09204	0	29
	10	8,98310,08211	21,78363	9,99798,17608	20351	8,98511,90603	21,98714	11,01488,09397	50	
	20	8,98331,86574	21,77260	9,99797,97257	20361	8,98533,89317	21,97621	11,01466,10683	40	
	30	8,98353,63834	21,76159	9,99797,76896	20372	8,98555,86938	21,96531	11,01444,13062	30	
	40	8,98375,39993	21,75059	9,99797,56524	20382	8,98577,83469	21,95441	11,01422,16531	20	
	50	8,98397,15052	21,73960	9,99797,36142	20392	8,98599,78910	21,94353	11,01400,21090	10	
32	0	8,98418,89012	21,72863	9,99797,15750	20403	8,98621,73263	21,93265	11,01378,26737	0	28
	10	8,98440,61875	21,71765	9,99796,95347	20413	8,98643,66528	21,92178	11,01356,33472	50	
	20	8,98462,33640	21,70670	9,99796,74934	20423	8,98665,58706	21,91093	11,01334,41294	40	
	30	8,98484,04310	21,69575	9,99796,54511	20434	8,98687,49799	21,90009	11,01312,50201	30	
	40	8,98505,73885	21,68481	9,99796,34077	20444	8,98709,39808	21,88925	11,01290,60192	20	
	50	8,98527,42366	21,67390	9,99796,13633	20454	8,98731,28733	21,87843	11,01268,71267	10	
33	0	8,98549,09756	21,66298	9,99795,93179	20464	8,98753,16576	21,86763	11,01246,83424	0	27
	10	8,98570,76054	21,65207	9,99795,72715	20475	8,98775,03339	21,85682	11,01224,96661	50	
	20	8,98592,41261	21,64119	9,99795,52240	20485	8,98796,89021	21,84604	11,01203,10979	40	
	30	8,98614,05380	21,63030	9,99795,31755	20495	8,98818,73625	21,83526	11,01181,26375	30	
	40	8,98635,68410	21,61944	9,99795,11260	20506	8,98840,57151	21,82449	11,01159,42849	20	
	50	8,98657,30354	21,60857	9,99794,90754	20516	8,98862,39600	21,81373	11,01137,60400	10	
34	0	8,98678,91211	21,59773	9,99794,70238	20526	8,98884,20973	21,80299	11,01115,79027	0	26
	10	8,98700,50984	21,58689	9,99794,49712	20537	8,98906,01272	21,79226	11,01093,98728	50	
	20	8,98722,09673	21,57606	9,99794,29175	20547	8,98927,80498	21,78153	11,01072,19502	40	
	30	8,98743,67279	21,56525	9,99794,08628	20557	8,98949,58651	21,77082	11,01050,41349	30	
	40	8,98765,23804	21,55445	9,99793,88071	20568	8,98971,35733	21,76012	11,01028,64267	20	
	50	8,98786,79249	21,54364	9,99793,67503	20577	8,98993,11745	21,74943	11,01006,88255	10	
35	0	8,98808,33613	21,53287	9,99793,46926	20588	8,99014,86688	21,73874	11,00985,13312	0	25
	10	8,98829,86900	21,52209	9,99793,26338	20599	8,99036,60562	21,72808	11,00963,39438	50	
	20	8,98851,39109	21,51133	9,99793,05739	20609	8,99058,33370	21,71742	11,00941,66630	40	
	30	8,98872,90242	21,50058	9,99792,85130	20619	8,99080,05112	21,70676	11,00919,94888	30	
	40	8,98894,40300	21,48983	9,99792,64511	20629	8,99101,75788	21,69613	11,00898,24212	20	
	50	8,98915,89283	21,47911	9,99792,43882	20640	8,99123,45401	21,68551	11,00876,54599	10	
36	0	8,98937,37194	21,46839	9,99792,23242	20650	8,99145,13952	21,67488	11,00854,86048	0	24
	10	8,98958,84033	21,45767	9,99792,02592	20660	8,99166,81440	21,66428	11,00833,18560	50	
	20	8,98980,29800	21,44698	9,99791,81932	20670	8,99188,47868	21,65369	11,00811,52132	40	
	30	8,99001,74498	21,43629	9,99791,61262	20681	8,99210,13237	21,64310	11,00789,86763	30	
	40	8,99023,18127	21,42562	9,99791,40581	20691	8,99231,77547	21,63252	11,00768,22453	20	
	50	8,99044,60689	21,41494	9,99791,19890	20702	8,99253,40799	21,62196	11,00746,59201	10	
37	0	8,99066,02183	21,40429	9,99790,99188	20712	8,99275,02995	21,61141	11,00724,97005	0	23
	10	8,99087,42612	21,39364	9,99790,78476	20722	8,99296,64136	21,60086	11,00703,35864	50	
	20	8,99108,81976	21,38301	9,99790,57754	20732	8,99318,24222	21,59033	11,00681,75778	40	
	30	8,99130,20277	21,37239	9,99790,37022	20743	8,99339,83255	21,57981	11,00660,16745	30	
	40	8,99151,57516	21,36176	9,99790,16279	20753	8,99361,41236	21,56930	11,00638,58764	20	
	50	8,99172,93692	21,35117	9,99789,95526	20763	8,99382,98166	21,55880	11,00617,01834	10	
38	0	8,99194,28809	21,34057	9,99789,74763	20774	8,99404,54046	21,54831	11,00595,45954	0	22
	10	8,99215,62866	21,32999	9,99789,53989	20784	8,99426,08877	21,53782	11,00573,91123	50	
	20	8,99236,95865	21,31941	9,99789,33205	20794	8,99447,62659	21,52736	11,00552,37341	40	
	30	8,99258,27806	21,30885	9,99789,12411	20805	8,99469,15395	21,51690	11,00530,84605	30	
	40	8,99279,58691	21,29830	9,99788,91606	20814	8,99490,67085	21,50645	11,00509,32915	20	
	50	8,99300,88521	21,28776	9,99788,70792	20826	8,99512,17730	21,49601	11,00487,82270	10	
39	0	8,99322,17297	21,27723	9,99788,49966	20835	8,99533,67331	21,48558	11,00466,32669	0	21
	10	8,99343,45020	21,26670	9,99788,29131	20846	8,99555,15889	21,47516	11,00444,84111	50	
	20	8,99364,71690	21,25620	9,99788,08285	20856	8,99576,63405	21,46476	11,00423,36595	40	
	30	8,99385,97310	21,24569	9,99787,87429	20866	8,99598,09881	21,45435	11,00401,90119	30	
	40	8,99407,21879	21,23520	9,99787,66563	20877	8,99619,55316	21,44397	11,00380,44684	20	
	50	8,99428,45399	21,22473	9,99787,45686	20887	8,99640,99713	21,43360	11,00359,00287	10	
40	0	8,99449,67872	21,21425	9,99787,24799	20897	8,99662,43073	21,42322	11,00337,56927	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	8,99449,67872	21,21425	9,99787,24799	20897	8,99662,43073	21,42322	11,00337,56927	0	20
	10	8,99470,89297	21,20379	9,99787,03902	20908	8,99683,85395	21,41287	11,00316,14605	50	
	20	8,99492,09676	21,19335	9,99786,82994	20918	8,99705,26682	21,40253	11,00294,73318	40	
	30	8,99513,29011	21,18290	9,99786,62076	20928	8,99726,66935	21,39218	11,00273,33065	30	
	40	8,99534,47301	21,17248	9,99786,41148	20939	8,99748,06153	21,38187	11,00251,93847	20	
	50	8,99555,64549	21,16206	9,99786,20209	20949	8,99769,44340	21,37154	11,00230,55660	10	
41	0	8,99576,80755	21,15164	9,99785,99260	20959	8,99790,81494	21,36124	11,00209,18506	0	19
	10	8,99597,95919	21,14125	9,99785,78301	20969	8,99812,17618	21,35095	11,00187,82382	50	
	20	8,99619,10044	21,13087	9,99785,57332	20980	8,99833,52713	21,34066	11,00166,47287	40	
	30	8,99640,23131	21,12048	9,99785,36352	20990	8,99854,86779	21,33038	11,00145,13221	30	
	40	8,99661,35179	21,11011	9,99785,15362	21001	8,99876,19817	21,32012	11,00123,80183	20	
	50	8,99682,46190	21,09976	9,99784,94361	21010	8,99897,51829	21,30986	11,00102,48171	10	
42	0	8,99703,56166	21,08941	9,99784,73351	21021	8,99918,82815	21,29962	11,00081,17185	0	18
	10	8,99724,65107	21,07907	9,99784,52330	21032	8,99940,12777	21,28938	11,00059,87223	50	
	20	8,99745,73014	21,06874	9,99784,31298	21041	8,99961,41715	21,27916	11,00038,58285	40	
	30	8,99766,79888	21,05842	9,99784,10257	21052	8,99982,69631	21,26895	11,00017,30369	30	
	40	8,99787,85730	21,04812	9,99783,89205	21063	9,00003,96526	21,25873	10,99996,03474	20	
	50	8,99808,90542	21,03782	9,99783,68142	21072	9,00025,22399	21,24855	10,99974,77601	10	
43	0	8,99829,94324	21,02753	9,99783,47070	21083	9,00046,47254	21,23836	10,99953,52746	0	17
	10	8,99850,97077	21,01725	9,99783,25987	21093	9,00067,71090	21,22818	10,99932,28910	50	
	20	8,99871,98802	21,00698	9,99783,04894	21104	9,00088,93908	21,21802	10,99911,06092	40	
	30	8,99892,99500	20,99673	9,99782,83790	21114	9,00110,15710	21,20786	10,99889,84290	30	
	40	8,99913,99173	20,98647	9,99782,62676	21124	9,00131,36496	21,19772	10,99868,63504	20	
	50	8,99934,97820	20,97624	9,99782,41552	21134	9,00152,56268	21,18758	10,99847,43732	10	
44	0	8,99955,95444	20,96601	9,99782,20418	21145	9,00173,75026	21,17746	10,99826,24974	0	16
	10	8,99976,92045	20,95579	9,99781,99273	21155	9,00194,92772	21,16734	10,99805,07228	50	
	20	8,99997,87624	20,94559	9,99781,78118	21165	9,00216,09506	21,15724	10,99783,90494	40	
	30	9,00018,82183	20,93538	9,99781,56953	21176	9,00237,25230	21,14714	10,99762,74770	30	
	40	9,00039,75721	20,92519	9,99781,35777	21186	9,00258,39944	21,13705	10,99741,60056	20	
	50	9,00060,68240	20,91502	9,99781,14591	21196	9,00279,53649	21,12698	10,99720,46351	10	
45	0	9,00081,59742	20,90484	9,99780,93395	21207	9,00300,66347	21,11691	10,99699,33653	0	15
	10	9,00102,50226	20,89469	9,99780,72188	21217	9,00321,78038	21,10686	10,99678,21962	50	
	20	9,00123,39695	20,88453	9,99780,50971	21227	9,00342,88724	21,09680	10,99657,11276	40	
	30	9,00144,28148	20,87440	9,99780,29744	21238	9,00363,98404	21,08677	10,99636,01596	30	
	40	9,00165,15588	20,86426	9,99780,08506	21247	9,00385,07081	21,07675	10,99614,92919	20	
	50	9,00186,02014	20,85415	9,99779,87259	21259	9,00406,14756	21,06672	10,99593,85244	10	
46	0	9,00206,87429	20,84403	9,99779,66000	21268	9,00427,21428	21,05672	10,99572,78572	0	14
	10	9,00227,71832	20,83393	9,99779,44732	21279	9,00448,27100	21,04672	10,99551,72900	50	
	20	9,00248,55225	20,82384	9,99779,23453	21289	9,00469,31772	21,03673	10,99530,68228	40	
	30	9,00269,37609	20,81376	9,99779,02164	21299	9,00490,35445	21,02675	10,99509,64555	30	
	40	9,00290,18985	20,80368	9,99778,80865	21310	9,00511,38120	21,01679	10,99488,61880	20	
	50	9,00310,99353	20,79363	9,99778,59555	21320	9,00532,39799	21,00682	10,99467,60201	10	
47	0	9,00331,78716	20,78357	9,99778,38235	21331	9,00553,40481	20,99687	10,99446,59519	0	13
	10	9,00352,57073	20,77352	9,99778,16904	21340	9,00574,40168	20,98694	10,99425,59832	50	
	20	9,00373,34425	20,76350	9,99777,95564	21351	9,00595,38862	20,97700	10,99404,61138	40	
	30	9,00394,10775	20,75346	9,99777,74213	21362	9,00616,36562	20,96708	10,99383,63438	30	
	40	9,00414,86121	20,74346	9,99777,52851	21371	9,00637,33270	20,95717	10,99362,66730	20	
	50	9,00435,60467	20,73345	9,99777,31480	21382	9,00658,28987	20,94727	10,99341,71013	10	
48	0	9,00456,33812	20,72345	9,99777,10098	21392	9,00679,23714	20,93737	10,99320,76286	0	12
	10	9,00477,06157	20,71346	9,99776,88706	21403	9,00700,17451	20,92749	10,99299,82549	50	
	20	9,00497,77503	20,70350	9,99776,67303	21413	9,00721,10200	20,91762	10,99278,89800	40	
	30	9,00518,47853	20,69352	9,99776,45890	21423	9,00742,01962	20,90776	10,99257,98038	30	
	40	9,00539,17205	20,68356	9,99776,24467	21433	9,00762,92738	20,89790	10,99237,07262	20	
	50	9,00559,85561	20,67362	9,99776,03034	21444	9,00783,82528	20,88805	10,99216,17472	10	
49	0	9,00580,52923	20,66368	9,99775,81590	21454	9,00804,71333	20,87822	10,99195,28667	0	11
	10	9,00601,19291	20,65375	9,99775,60136	21465	9,00825,59155	20,86840	10,99174,40845	50	
	20	9,00621,84666	20,64383	9,99775,38671	21475	9,00846,45995	20,85858	10,99153,54005	40	
	30	9,00642,49049	20,63392	9,99775,17196	21485	9,00867,31853	20,84877	10,99132,68147	30	
	40	9,00663,12441	20,62402	9,99774,95711	21495	9,00888,16730	20,83897	10,99111,83270	20	
	50	9,00683,74843	20,61413	9,99774,74216	21506	9,00909,00627	20,82919	10,99090,99373	10	
50	0	9,00704,36256	20,60424	9,99774,52710	21516	9,00929,83546	20,81940	10,99070,16454	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,00704,36256		9,99774,52710		9,00929,83546		10,99070,16454	0	10
	10	9,00724,96680	20,60424	9,99774,31194	21516	9,00950,65486	20,81940	10,99049,34514	50	
	20	9,00745,56118	20,59438	9,99774,09668	21526	9,00971,46450	20,80964	10,99028,53550	40	
	30	9,00766,14569	20,58451	9,99773,88131	21537	9,00992,26437	20,79987	10,99007,73563	30	
	40	9,00786,72034	20,57465	9,99773,66584	21547	9,01013,05450	20,79013	10,98986,94550	20	
	50	9,00807,28515	20,56481	9,99773,45027	21557	9,01033,83488	20,78038	10,98966,16512	10	
51	0	9,00827,84013	20,55498	9,99773,23460	21567	9,01054,60553	20,77065	10,98945,39447	0	9
			20,54515		21578		20,76093			
	10	9,00848,38528	20,53533	9,99773,01882	21589	9,01075,36646	20,75122	10,98924,63354	50	
	20	9,00868,92061	20,52553	9,99772,80293	21598	9,01096,11768	20,74151	10,98903,88232	40	
	30	9,00889,44614	20,51573	9,99772,58695	21609	9,01116,85919	20,73182	10,98883,14081	30	
	40	9,00909,96187	20,50594	9,99772,37086	21619	9,01137,59101	20,72213	10,98862,40899	20	
	50	9,00930,46781	20,49615	9,99772,15467	21630	9,01158,31314	20,71245	10,98841,68686	10	
52	0	9,00950,96396	20,48639	9,99771,93837	21639	9,01179,02559	20,70279	10,98820,97441	0	8
			20,47663		21650		20,69312			
	10	9,00971,45035	20,46688	9,99771,72198	21661	9,01220,42150	20,68348	10,98800,27162	50	
	20	9,00991,92698	20,45713	9,99771,50548	21671	9,01241,10498	20,67384	10,98779,57850	40	
	30	9,01012,39386	20,44740	9,99771,28887	21681	9,01261,77882	20,66421	10,98758,89502	30	
	40	9,01032,85099	20,43767	9,99771,07216	21691	9,01282,44303	20,65459	10,98738,22118	20	
	50	9,01053,29839	20,42796	9,99770,85535	21702	9,01303,09762	20,64498	10,98717,55697	10	
53	0	9,01073,73606	20,41825	9,99770,63844	21712	9,01323,74260	20,63537	10,98696,90238	0	7
			20,40856		21722		20,62578			
	10	9,01094,16402	20,39886	9,99770,42142	21733	9,01344,37797	20,61619	10,98676,25740	50	
	20	9,01114,58227	20,38919	9,99769,98708	21743	9,01365,00375	20,60662	10,98655,62203	40	
	30	9,01134,99083	20,38919	9,99769,76975	21753	9,01385,61994	20,59705	10,98634,99625	30	
	40	9,01155,38969	20,37952	9,99769,55232	21763	9,01406,22656	20,58749	10,98614,38006	20	
	50	9,01175,77888	20,36986	9,99769,33479	21774	9,01426,82361	20,57795	10,98593,77344	10	
54	0	9,01196,15840	20,36021	9,99769,11716	21785	9,01447,41110	20,56841	10,98573,17639	0	6
			20,35056		21794		20,55887			
	10	9,01216,52826	20,34093	9,99768,89942	21805	9,01467,98905	20,54935	10,98552,58890	50	
	20	9,01236,88847	20,33131	9,99768,68157	21815	9,01488,55746	20,53985	10,98532,01095	40	
	30	9,01257,23903	20,32169	9,99768,46363	21826	9,01509,11633	20,53033	10,98511,44254	30	
	40	9,01277,57996	20,31208	9,99768,24558	21835	9,01529,66568	20,52085	10,98490,88367	20	
	50	9,01297,91127	20,30248	9,99768,02743	21846	9,01550,20553	20,51136	10,98470,33432	10	
55	0	9,01318,23296	20,29290	9,99767,80917	21857	9,01570,73586	20,50188	10,98449,79447	0	5
			20,28332		21867		20,49241			
	10	9,01338,54504	20,27374	9,99767,59082	21877	9,01591,25671	20,48296	10,98429,26414	50	
	20	9,01358,84752	20,26419	9,99767,37236	21887	9,01611,76807	20,47350	10,98408,74329	40	
	30	9,01379,14042	20,25463	9,99767,15379	21898	9,01632,26995	20,46407	10,98388,23193	30	
	40	9,01399,42374	20,24509	9,99766,93512	21908	9,01652,76236	20,45463	10,98367,73005	20	
	50	9,01419,69748	20,23555	9,99766,71635	21918	9,01673,24532	20,44521	10,98347,23764	10	
56	0	9,01439,96167	20,22603	9,99766,49748	21929	9,01693,71882	20,43580	10,98326,75468	0	4
			20,21651		21939		20,42639			
	10	9,01460,21630	20,20700	9,99766,27850	21949	9,01714,18289	20,41699	10,98306,28118	50	
	20	9,01480,46139	20,19750	9,99766,05942	21960	9,01734,63752	20,40761	10,98285,81711	40	
	30	9,01500,69694	20,18801	9,99765,84024	21970	9,01755,08273	20,39823	10,98265,36248	30	
	40	9,01520,92297	20,17853	9,99765,62095	21980	9,01775,51853	20,38885	10,98244,91727	20	
	50	9,01541,13948	20,16905	9,99765,40156	21991	9,01795,94492	20,37950	10,98224,48147	10	
57	0	9,01561,34648	20,15959	9,99765,18207	22000	9,01816,36191	20,37014	10,98204,05508	0	3
			20,15014		22012		20,36080			
	10	9,01581,54398	20,14069	9,99764,96247	22021	9,01836,76952	20,35147	10,98183,63809	50	
	20	9,01601,73199	20,13125	9,99764,74277	22032	9,01857,16775	20,34214	10,98163,23048	40	
	30	9,01621,91052	20,12182	9,99764,52297	22042	9,01877,55660	20,33282	10,98142,83225	30	
	40	9,01642,07957	20,11240	9,99764,30306	22053	9,01897,93610	20,32351	10,98122,44340	20	
	50	9,01662,23916	20,10299	9,99764,08306	22063	9,01918,30624	20,31422	10,98102,06390	10	
58	0	9,01682,38930	20,09358	9,99763,86294	22073	9,01938,66704	20,30492	10,98081,69376	0	2
			20,08419		22083		20,29564			
	10	9,01702,52999	20,07481	9,99763,64273	22094	9,01959,01851	20,28637	10,98061,33296	50	
	20	9,01722,66124	20,06543	9,99763,42241	22104	9,01979,36065	20,27710	10,98040,98149	40	
	30	9,01742,78306	20,05606	9,99763,20199	22114	9,01999,69347	20,26784	10,98020,63935	30	
	40	9,01762,89546	20,04669	9,99762,98146	22125	9,02020,01698	20,25860	10,98000,30653	20	
	50	9,01782,99845	20,03735	9,99762,76083	22135	9,02040,33120	20,24935	10,97979,98302	10	
59	0	9,01803,09203	20,02801	9,99762,54010		9,02060,63612		10,97959,66880	0	1
	10	9,01823,17622		9,99762,31927		9,02080,93176		10,97939,36388	50	
	20	9,01843,25103		9,99762,09833		9,02101,21813		10,97919,06824	40	
	30	9,01863,31646		9,99761,87729		9,02121,49523		10,97898,78187	30	
	40	9,01883,37252		9,99761,65615		9,02141,76307		10,97878,50477	20	
	50	9,01903,41921		9,99761,43490		9,02162,02167		10,97858,23693	10	
60	0	9,01923,45656						10,97837,97833	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,01923,45656	20,02801	9,99761,43490	22135	9,02162,02167	20,24935	10,97837,97833	0	60
	10	9,01943,48457	20,01867	9,99761,21355	22146	9,02182,27102	20,24013	10,97817,72898	50	
	20	9,01963,50324	20,00935	9,99760,99209	22155	9,02202,51115	20,23090	10,97797,48885	40	
	30	9,01983,51259	20,00003	9,99760,77054	22166	9,02222,74205	20,22169	10,97777,25795	30	
	40	9,02003,51262	19,99072	9,99760,54888	22177	9,02242,96374	20,21249	10,97757,03626	20	
	50	9,02023,50334	19,98142	9,99760,32711	22186	9,02263,17623	20,20329	10,97736,82377	10	
1	0	9,02043,48476	19,97213	9,99760,10525	22197	9,02283,37952	20,19410	10,97716,62048	0	59
	10	9,02063,45689	19,96285	9,99759,88328	22208	9,02303,57362	20,18492	10,97696,42638	50	
	20	9,02083,41974	19,95358	9,99759,66120	22217	9,02323,75854	20,17575	10,97676,24146	40	
	30	9,02103,37332	19,94431	9,99759,43903	22228	9,02343,93429	20,16659	10,97656,06571	30	
	40	9,02123,31763	19,93505	9,99759,21675	22238	9,02364,10088	20,15743	10,97635,89912	20	
	50	9,02143,25268	19,92580	9,99758,99437	22249	9,02384,25831	20,14829	10,97615,74169	10	
2	0	9,02163,17848	19,91657	9,99758,77188	22259	9,02404,40660	20,13915	10,97595,59340	0	58
	10	9,02183,09505	19,90733	9,99758,54929	22269	9,02424,54575	20,13003	10,97575,45425	50	
	20	9,02203,00238	19,89811	9,99758,32660	22280	9,02444,67578	20,12090	10,97555,32422	40	
	30	9,02222,90049	19,88889	9,99758,10380	22290	9,02464,79668	20,11180	10,97535,20332	30	
	40	9,02242,78938	19,87969	9,99757,88090	22300	9,02484,90848	20,10269	10,97515,09152	20	
	50	9,02262,66907	19,87049	9,99757,65790	22310	9,02505,01117	20,09359	10,97494,98883	10	
3	0	9,02282,53956	19,86130	9,99757,43480	22321	9,02525,10476	20,08451	10,97474,89524	0	57
	10	9,02302,40086	19,85212	9,99757,21159	22331	9,02545,18927	20,07544	10,97454,81073	50	
	20	9,02322,25298	19,84295	9,99756,98828	22342	9,02565,26471	20,06636	10,97434,73529	40	
	30	9,02342,09593	19,83378	9,99756,76486	22352	9,02585,33107	20,05730	10,97414,66893	30	
	40	9,02361,92971	19,82463	9,99756,54134	22362	9,02605,38837	20,04825	10,97394,61163	20	
	50	9,02381,75434	19,81548	9,99756,31772	22372	9,02625,43662	20,03921	10,97374,56338	10	
4	0	9,02401,56982	19,80635	9,99756,09400	22383	9,02645,47583	20,03017	10,97354,52417	0	56
	10	9,02421,37617	19,79721	9,99755,87017	22393	9,02665,50600	20,02114	10,97334,49400	50	
	20	9,02441,17338	19,78808	9,99755,64624	22404	9,02685,52714	20,01212	10,97314,47286	40	
	30	9,02460,96146	19,77898	9,99755,42220	22413	9,02705,53926	20,00311	10,97294,46074	30	
	40	9,02480,74044	19,76987	9,99755,19807	22424	9,02725,54237	19,99411	10,97274,45763	20	
	50	9,02500,51031	19,76077	9,99754,97383	22435	9,02745,53648	19,98512	10,97254,46352	10	
5	0	9,02520,27108	19,75168	9,99754,74948	22445	9,02765,52160	19,97613	10,97234,47840	0	55
	10	9,02540,02276	19,74260	9,99754,52503	22455	9,02785,49773	19,96715	10,97214,50227	50	
	20	9,02559,76536	19,73353	9,99754,30048	22465	9,02805,46488	19,95818	10,97194,53512	40	
	30	9,02579,49889	19,72446	9,99754,07583	22476	9,02825,42306	19,94922	10,97174,57694	30	
	40	9,02599,22335	19,71541	9,99753,85107	22486	9,02845,37228	19,94027	10,97154,62772	20	
	50	9,02618,93876	19,70636	9,99753,62621	22496	9,02865,31255	19,93132	10,97134,68745	10	
6	0	9,02638,64512	19,69732	9,99753,40125	22507	9,02885,24387	19,92238	10,97114,75613	0	54
	10	9,02658,34244	19,68829	9,99753,17618	22517	9,02905,16625	19,91346	10,97094,83375	50	
	20	9,02678,03073	19,67926	9,99752,95101	22527	9,02925,07971	19,90454	10,97074,92029	40	
	30	9,02697,70999	19,67025	9,99752,72574	22538	9,02944,98425	19,89563	10,97055,01575	30	
	40	9,02717,38024	19,66124	9,99752,50036	22548	9,02964,87988	19,88672	10,97035,12012	20	
	50	9,02737,04148	19,65224	9,99752,27488	22558	9,02984,76660	19,87782	10,97015,23340	10	
7	0	9,02756,69372	19,64325	9,99752,04930	22569	9,03004,64442	19,86894	10,96995,35558	0	53
	10	9,02776,33697	19,63427	9,99751,82361	22579	9,03024,51336	19,86006	10,96975,48664	50	
	20	9,02795,97124	19,62530	9,99751,59782	22589	9,03044,37342	19,85119	10,96955,62658	40	
	30	9,02815,59654	19,61633	9,99751,37193	22599	9,03064,22461	19,84232	10,96935,77539	30	
	40	9,02835,21287	19,60737	9,99751,14594	22610	9,03084,06693	19,83347	10,96915,93307	20	
	50	9,02854,82024	19,59842	9,99750,91984	22621	9,03103,90040	19,82462	10,96896,09960	10	
8	0	9,02874,41866	19,58947	9,99750,69363	22630	9,03123,72502	19,81578	10,96876,27498	0	52
	10	9,02894,00813	19,58055	9,99750,46733	22641	9,03143,54080	19,80696	10,96856,45920	50	
	20	9,02913,58868	19,57161	9,99750,24092	22651	9,03163,34776	19,79812	10,96836,65224	40	
	30	9,02933,16029	19,56270	9,99750,01441	22662	9,03183,14588	19,78932	10,96816,85412	30	
	40	9,02952,72299	19,55379	9,99749,78779	22672	9,03202,93520	19,78051	10,96797,06480	20	
	50	9,02972,27678	19,54489	9,99749,56107	22682	9,03222,71571	19,77171	10,96777,28429	10	
9	0	9,02991,82167	19,53599	9,99749,33425	22692	9,03242,48742	19,76291	10,96757,51258	0	51
	10	9,03011,35766	19,52711	9,99749,10733	22703	9,03262,25033	19,75414	10,96737,74967	50	
	20	9,03030,88477	19,51823	9,99748,88030	22713	9,03282,00447	19,74536	10,96717,99553	40	
	30	9,03050,40300	19,50935	9,99748,65317	22724	9,03301,74983	19,73659	10,96698,25017	30	
	40	9,03069,91235	19,50050	9,99748,42593	22734	9,03321,48642	19,72784	10,96678,51358	20	
	50	9,03089,41285	19,49164	9,99748,19859	22744	9,03341,21426	19,71908	10,96658,78574	10	
10	0	9,03108,90449	19,48280	9,99747,97115	22754	9,03360,93334	19,71034	10,96639,06666	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,03108,90449		9,99747,97115		9,03360,93334		10,96639,06666	o	50
	10	9,03128,38729	19,48280	9,99747,74361	22754	9,03380,64368	19,71034	10,96619,35632	50	
	20	9,03147,86125	19,47396	9,99747,51596	22765	9,03400,34529	19,70161	10,96599,65471	40	
	30	9,03167,32638	19,46513	9,99747,28821	22775	9,03420,03817	19,69288	10,96579,96183	30	
	40	9,03186,78268	19,45630	9,99747,06035	22786	9,03439,72233	19,68416	10,96560,27767	20	
	50	9,03206,23017	19,44749	9,99746,83239	22796	9,03459,39778	19,67545	10,96540,60222	10	
11	0	9,03225,66886	19,43869	9,99746,60433	22806	9,03479,06452	19,66674	10,96520,93548	o	49
			19,42988		22816		19,65805			
	10	9,03245,09874	19,42110	9,99746,37617	22827	9,03498,72257	19,64937	10,96501,27743	50	
	20	9,03264,51984	19,41231	9,99746,14790	22837	9,03518,37194	19,64068	10,96481,62806	40	
	30	9,03283,93215	19,40353	9,99745,91953	22848	9,03538,01262	19,63201	10,96461,98738	30	
	40	9,03303,33568	19,39477	9,99745,69105	22857	9,03557,64463	19,62335	10,96442,35537	20	
	50	9,03322,73045	19,38601	9,99745,46248	22868	9,03577,26798	19,61469	10,96422,73202	10	
12	0	9,03342,11646	19,37726	9,99745,23380	22879	9,03596,88267	19,60604	10,96403,11733	o	48
			19,36851		22889		19,59740			
	10	9,03361,49372	19,35978	9,99744,77612	22899	9,03616,48871	19,58877	10,96383,51129	50	
	20	9,03380,86223	19,35105	9,99744,54713	22909	9,03636,08611	19,58014	10,96363,91389	40	
	30	9,03400,22201	19,34233	9,99744,31804	22920	9,03655,67488	19,57153	10,96344,32512	30	
	40	9,03419,57306	19,33362	9,99744,08884	22930	9,03675,25502	19,56291	10,96324,74498	20	
	50	9,03438,91539	19,32491	9,99743,85954	22940	9,03694,82655	19,55432	10,96305,17345	10	
13	0	9,03458,24901	19,31621	9,99743,63014	22951	9,03714,38946	19,54572	10,96285,61054	o	47
			19,30753		22961		19,53714			
	10	9,03477,57392	19,29884	9,99743,40063	22971	9,03733,94378	19,52855	10,96266,05622	50	
	20	9,03496,89013	19,29017	9,99743,17102	22982	9,03753,48950	19,51999	10,96246,51050	40	
	30	9,03516,19766	19,28150	9,99742,94131	22992	9,03773,02664	19,51142	10,96226,97336	30	
	40	9,03535,49650	19,27284	9,99742,71149	23003	9,03792,55519	19,50287	10,96207,44481	20	
	50	9,03554,78667	19,26420	9,99742,48157	23012	9,03812,07518	19,49432	10,96187,92482	10	
14	0	9,03574,06817	19,25554	9,99742,25154	23023	9,03831,58660	19,48578	10,96168,41340	o	46
			19,24692		23034		19,47724			
	10	9,03593,34101	19,23828	9,99742,02142	23043	9,03851,08947	19,46873	10,96148,91053	50	
	20	9,03612,60521	19,22967	9,99741,79119	23054	9,03870,58379	19,46020	10,96129,41621	40	
	30	9,03631,86075	19,22105	9,99741,56085	23065	9,03890,06957	19,45170	10,96109,93043	30	
	40	9,03651,10767	19,21245	9,99741,33042	23074	9,03909,54681	19,44319	10,96090,45319	20	
	50	9,03670,34595	19,20385	9,99741,09988	23085	9,03929,01554	19,43470	10,96070,98446	10	
15	0	9,03689,57562	19,19526	9,99740,86923	23096	9,03948,47574	19,42621	10,96051,52426	o	45
			19,18667		23105		19,41774			
	10	9,03708,79667	19,17811	9,99740,63849	23116	9,03967,92744	19,40926	10,96032,07256	50	
	20	9,03728,00912	19,16953	9,99740,40764	23127	9,03987,37063	19,40080	10,96012,62937	40	
	30	9,03747,21297	19,16098	9,99740,17668	23136	9,04006,80533	19,39234	10,95993,19467	30	
	40	9,03766,40823	19,15242	9,99739,94563	23147	9,04026,23154	19,38389	10,95973,76846	20	
	50	9,03785,59490	19,14388	9,99739,71447	23158	9,04045,64928	19,37546	10,95954,35072	10	
16	0	9,03804,77301	19,13534	9,99739,48320	23167	9,04065,05854	19,36702	10,95934,94146	o	44
			19,12681		23178		19,35859			
	10	9,03823,94254	19,11829	9,99739,25184	23189	9,04084,45934	19,35017	10,95915,54066	50	
	20	9,03843,10352	19,10978	9,99739,02037	23198	9,04103,85168	19,34176	10,95896,14832	40	
	30	9,03862,25594	19,10127	9,99738,78879	23209	9,04123,23557	19,33336	10,95876,76443	30	
	40	9,03881,39982	19,09277	9,99738,55712	23220	9,04142,61103	19,32497	10,95857,38897	20	
	50	9,03900,53516	19,08428	9,99738,32534	23229	9,04161,97805	19,31657	10,95838,02195	10	
17	0	9,03919,66197	19,07579	9,99738,09345	23240	9,04181,33664	19,30819	10,95818,66336	o	43
			19,06732		23251		19,29982			
	10	9,03938,78026	19,05884	9,99737,86147	23260	9,04200,68681	19,29145	10,95799,31319	50	
	20	9,03957,89004	19,05039	9,99737,62938	23271	9,04220,02857	19,28310	10,95779,97143	40	
	30	9,03976,99131	19,04192	9,99737,39718	23281	9,04239,36193	19,27474	10,95760,63807	30	
	40	9,03996,08408	19,03349	9,99737,16489	23292	9,04258,68690	19,26640	10,95741,31310	20	
	50	9,04015,16836	19,02504	9,99736,93249	23302	9,04278,00347	19,25806	10,95721,99653	10	
18	0	9,04034,24415	19,01661	9,99736,70086	23312	9,04297,31166	19,24973	10,95702,68834	o	42
			18,99977		23323		19,24141			
	10	9,04053,31147	18,99135	9,99736,46738	23333	9,04316,61148	19,23310	10,95683,38852	50	
	20	9,04072,37031	18,98295	9,99736,23467	23343	9,04335,90293	19,22478	10,95664,09707	40	
	30	9,04091,42070	18,97456	9,99736,00186	23354	9,04355,18603	19,21649	10,95644,81397	30	
	40	9,04110,46262	18,96617	9,99735,76894	23364	9,04374,46077	19,20820	10,95625,53923	20	
	50	9,04129,49611		9,99735,53592	23374	9,04393,72717	19,19991	10,95606,27283	10	
19	0	9,04148,52115		9,99735,30280		9,04412,98523		10,95587,01477	o	41
				9,99735,06957		9,04432,23496		10,95567,76504	50	
	10	9,04167,53776		9,99734,83624		9,04451,47637		10,95548,52363	40	
	20	9,04186,54594		9,99734,60281		9,04470,70947		10,95529,29053	30	
	30	9,04205,54571		9,99734,36927		9,04489,93425		10,95510,06575	20	
	40	9,04224,53706		9,99734,13563		9,04509,15074		10,95490,84926	10	
	50	9,04243,52001				9,04528,35894		10,95471,64106	o	40
20	0	9,04262,49457								
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,04262,49457	18,96617	9,99734,13563	23374	9,04528,35894	19,19991	10,95471,64106	o	40
	10	9,04281,46074	18,95778	9,99733,90189	23385	9,04547,55885	19,19163	10,95452,44115	50	
	20	9,04300,41852	18,94942	9,99733,66804	23395	9,04566,75048	19,18336	10,95433,24952	40	
	30	9,04319,36794	18,94104	9,99733,43409	23405	9,04585,93384	19,17510	10,95414,06616	30	
	40	9,04338,30898	18,93269	9,99733,20004	23416	9,04605,10894	19,16685	10,95394,89106	20	
	50	9,04357,24167	18,92433	9,99732,96588	23426	9,04624,27579	19,15859	10,95375,72421	10	
21	0	9,04376,16600	18,91599	9,99732,73162	23436	9,04643,43438	19,15036	10,95356,56562	o	39
	10	9,04395,08199	18,90766	9,99732,49726	23447	9,04662,58474	19,14211	10,95337,41526	50	
	20	9,04413,98965	18,89932	9,99732,26279	23457	9,04681,72685	19,13390	10,95318,27315	40	
	30	9,04432,88897	18,89100	9,99732,02822	23467	9,04700,86075	19,12567	10,95299,13925	30	
	40	9,04451,77997	18,88268	9,99731,79355	23478	9,04719,98642	19,11746	10,95280,01358	20	
	50	9,04470,66265	18,87438	9,99731,55877	23488	9,04739,10388	19,10926	10,95260,89612	10	
22	0	9,04489,53703	18,86607	9,99731,32389	23498	9,04758,21314	19,10105	10,95241,78686	o	38
	10	9,04508,40310	18,85778	9,99731,08891	23509	9,04777,31419	19,09287	10,95222,68581	50	
	20	9,04527,26088	18,84950	9,99730,85382	23519	9,04796,40706	19,08468	10,95203,59294	40	
	30	9,04546,11038	18,84121	9,99730,61863	23529	9,04815,49174	19,07651	10,95184,50826	30	
	40	9,04564,95159	18,83294	9,99730,38334	23540	9,04834,56825	19,06834	10,95165,43175	20	
	50	9,04583,78453	18,82468	9,99730,14794	23550	9,04853,63659	19,06017	10,95146,36341	10	
23	0	9,04602,60921	18,81641	9,99729,91244	23560	9,04872,69676	19,05202	10,95127,30324	o	37
	10	9,04621,42562	18,80817	9,99729,67684	23571	9,04891,74878	19,04388	10,95108,25122	50	
	20	9,04640,23379	18,79992	9,99729,44113	23581	9,04910,79266	19,03573	10,95089,20734	40	
	30	9,04659,03371	18,79169	9,99729,20532	23591	9,04929,82839	19,02760	10,95070,17161	30	
	40	9,04677,82540	18,78346	9,99728,96941	23602	9,04948,85599	19,01947	10,95051,14401	20	
	50	9,04696,60886	18,77523	9,99728,73339	23612	9,04967,87546	19,01136	10,95032,12454	10	
24	0	9,04715,38409	18,76702	9,99728,49727	23622	9,04986,88682	19,00324	10,95013,11318	o	36
	10	9,04734,15111	18,75881	9,99728,26105	23633	9,05005,89006	18,99514	10,94994,10994	50	
	20	9,04752,90992	18,75061	9,99728,02472	23643	9,05024,88520	18,98704	10,94975,11480	40	
	30	9,04771,66053	18,74242	9,99727,78829	23653	9,05043,87224	18,97895	10,94956,12776	30	
	40	9,04790,40295	18,73422	9,99727,55176	23664	9,05062,85119	18,97086	10,94937,14881	20	
	50	9,04809,13717	18,72605	9,99727,31512	23674	9,05081,82205	18,96279	10,94918,17795	10	
25	0	9,04827,86322	18,71788	9,99727,07838	23684	9,05100,78484	18,95472	10,94899,21516	o	35
	10	9,04846,58110	18,70971	9,99726,84154	23695	9,05119,73956	18,94666	10,94880,26044	50	
	20	9,04865,29081	18,70155	9,99726,60459	23705	9,05138,68622	18,93860	10,94861,31378	40	
	30	9,04883,99236	18,69340	9,99726,36754	23715	9,05157,62482	18,93055	10,94842,37518	30	
	40	9,04902,68576	18,68525	9,99726,13039	23726	9,05176,55537	18,92251	10,94823,44463	20	
	50	9,04921,37101	18,67712	9,99725,89313	23736	9,05195,47788	18,91448	10,94804,52212	10	
26	0	9,04940,04813	18,66898	9,99725,65577	23746	9,05214,39236	18,90645	10,94785,60764	o	34
	10	9,04958,71711	18,66086	9,99725,41831	23757	9,05233,29881	18,89843	10,94766,70119	50	
	20	9,04977,37797	18,65275	9,99725,18074	23767	9,05252,19724	18,89041	10,94747,80276	40	
	30	9,04996,03072	18,64463	9,99724,94307	23778	9,05271,08765	18,88241	10,94728,91235	30	
	40	9,05014,67535	18,63654	9,99724,70529	23787	9,05289,97006	18,87441	10,94710,02994	20	
	50	9,05033,31189	18,62843	9,99724,46742	23799	9,05308,84447	18,86642	10,94691,15553	10	
27	0	9,05051,94032	18,62035	9,99724,22943	23808	9,05327,71089	18,85843	10,94672,28911	o	33
	10	9,05070,56067	18,61227	9,99723,99135	23819	9,05346,56932	18,85045	10,94653,43068	50	
	20	9,05089,17294	18,60418	9,99723,75316	23829	9,05365,41977	18,84248	10,94634,58023	40	
	30	9,05107,77712	18,59613	9,99723,51487	23839	9,05384,26225	18,83452	10,94615,73775	30	
	40	9,05126,37325	18,58806	9,99723,27648	23850	9,05403,09677	18,82656	10,94596,90323	20	
	50	9,05144,96131	18,58000	9,99723,03798	23860	9,05421,92333	18,81860	10,94578,07667	10	
28	0	9,05163,54131	18,57196	9,99722,79938	23871	9,05440,74193	18,81067	10,94559,25807	o	32
	10	9,05182,11327	18,56392	9,99722,56067	23880	9,05459,55260	18,80272	10,94540,44740	50	
	20	9,05200,67719	18,55588	9,99722,32187	23892	9,05478,35532	18,79480	10,94521,64468	40	
	30	9,05219,23307	18,54786	9,99722,08295	23901	9,05497,15012	18,78687	10,94502,84988	30	
	40	9,05237,78093	18,53984	9,99721,84394	23912	9,05515,93699	18,77895	10,94484,06301	20	
	50	9,05256,32077	18,53182	9,99721,60482	23922	9,05534,71594	18,77105	10,94465,28406	10	
29	0	9,05274,85259	18,52382	9,99721,36560	23932	9,05553,48699	18,76314	10,94446,51301	o	31
	10	9,05293,37641	18,51582	9,99721,12628	23943	9,05572,25013	18,75525	10,94427,74987	50	
	20	9,05311,89223	18,50782	9,99720,88685	23953	9,05591,00538	18,74736	10,94408,99462	40	
	30	9,05330,40005	18,49984	9,99720,64732	23964	9,05609,75274	18,73947	10,94390,24726	30	
	40	9,05348,89989	18,49186	9,99720,40768	23974	9,05628,49221	18,73160	10,94371,50779	20	
	50	9,05367,39175	18,48389	9,99720,16794	23984	9,05647,22381	18,72373	10,94352,77619	10	
30	0	9,05385,87564	18,47592	9,99719,92810	23994	9,05665,94754	18,71586	10,94334,05246	o	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.			
30	0	9,05385,87564		9,99719,92810		9,05665,94754		10,94334,05246	o	30	
	10	9,05404,35156	18,47592	9,99719,68816	23994	9,05684,66340	18,71586	10,94315,33660		50	
	20	9,05422,81952	18,46796	9,99719,44811	24005	9,05703,37142	18,70802	10,94296,62858		40	
	30	9,05441,27953	18,46001	9,99719,20795	24016	9,05722,07158	18,70016	10,94277,92842		30	
	40	9,05459,73160	18,45207	9,99718,96770	24025	9,05740,76390	18,69232	10,94259,23610		20	
	50	9,05478,17573	18,44413	9,99718,72734	24036	9,05759,44839	18,68449	10,94240,55161		10	
31	0	9,05496,61192	18,43619	9,99718,48688	24046	9,05778,12505	18,67666	10,94221,87495		0	29
	10	9,05515,04019	18,42827	9,99718,24631	24057	9,05796,79388	18,66883	10,94203,20612		50	
	20	9,05533,46055	18,42036	9,99718,00564	24067	9,05815,45490	18,66102	10,94184,54510		40	
	30	9,05551,87299	18,41244	9,99717,76487	24077	9,05834,10812	18,65322	10,94165,89188		30	
	40	9,05570,27752	18,40453	9,99717,52399	24088	9,05852,75353	18,64541	10,94147,24647		20	
	50	9,05588,67416	18,39664	9,99717,28301	24098	9,05871,39114	18,63761	10,94128,60886		10	
32	0	9,05607,06291	18,38875	9,99717,04193	24108	9,05890,02097	18,62983	10,94109,97903		0	28
	10	9,05625,44377	18,38086	9,99716,80075	24118	9,05908,64302	18,62205	10,94091,35698		50	
	20	9,05643,81675	18,37298	9,99716,55946	24129	9,05927,25729	18,61427	10,94072,74271		40	
	30	9,05662,18186	18,36511	9,99716,31806	24140	9,05945,86380	18,60651	10,94054,13620		30	
	40	9,05680,53911	18,35725	9,99716,07657	24149	9,05964,46254	18,59874	10,94035,53746		20	
	50	9,05698,88850	18,34939	9,99715,83497	24160	9,05983,05353	18,59099	10,94016,94647		10	
33	0	9,05717,23003	18,34153	9,99715,59326	24171	9,06001,63677	18,58324	10,93998,36323		0	27
	10	9,05735,56373	18,33370	9,99715,35146	24180	9,06020,21227	18,57550	10,93979,78773		50	
	20	9,05753,88958	18,32585	9,99715,10955	24191	9,06038,78003	18,56776	10,93961,21997		40	
	30	9,05772,20760	18,31802	9,99714,86753	24202	9,06057,34007	18,56004	10,93942,65993		30	
	40	9,05790,51780	18,31020	9,99714,62542	24211	9,06075,89238	18,55231	10,93924,10762		20	
	50	9,05808,82018	18,30238	9,99714,38320	24222	9,06094,43698	18,54460	10,93905,56302		10	
34	0	9,05827,11474	18,29456	9,99714,14087	24233	9,06112,97387	18,53689	10,93887,02613		0	26
	10	9,05845,40150	18,28676	9,99713,89844	24243	9,06131,50306	18,52919	10,93868,49694		50	
	20	9,05863,68047	18,27897	9,99713,65591	24253	9,06150,02455	18,52149	10,93849,97545		40	
	30	9,05881,95164	18,27117	9,99713,41328	24263	9,06168,53836	18,51381	10,93831,46164		30	
	40	9,05900,21502	18,26338	9,99713,17054	24274	9,06187,04448	18,50612	10,93812,95552		20	
	50	9,05918,47063	18,25561	9,99712,92770	24284	9,06205,54293	18,49845	10,93794,45707		10	
35	0	9,05936,71846	18,24783	9,99712,68476	24294	9,06224,03370	18,49077	10,93775,96630		0	25
	10	9,05954,95852	18,24006	9,99712,44171	24305	9,06242,51682	18,48312	10,93757,48318		50	
	20	9,05973,19083	18,23231	9,99712,19856	24315	9,06260,99228	18,47546	10,93739,00772		40	
	30	9,05991,41539	18,22456	9,99711,95530	24326	9,06279,46008	18,46780	10,93720,53992		30	
	40	9,06009,63219	18,21680	9,99711,71194	24336	9,06297,92025	18,46017	10,93702,07975		20	
	50	9,06027,84126	18,20907	9,99711,46848	24346	9,06316,37278	18,45253	10,93683,62722		10	
36	0	9,06046,04260	18,20134	9,99711,22492	24356	9,06334,81768	18,44490	10,93665,18232		0	24
	10	9,06064,23620	18,19360	9,99710,98125	24367	9,06353,25496	18,43728	10,93646,74504		50	
	20	9,06082,42209	18,18589	9,99710,73748	24377	9,06371,68461	18,42965	10,93628,31539		40	
	30	9,06100,60026	18,17817	9,99710,49360	24388	9,06390,10666	18,42205	10,93609,89334		30	
	40	9,06118,77073	18,17047	9,99710,24962	24398	9,06408,52111	18,41445	10,93591,47889		20	
	50	9,06136,93349	18,16276	9,99710,00554	24408	9,06426,92795	18,40684	10,93573,07205		10	
37	0	9,06155,08856	18,15507	9,99709,76135	24419	9,06445,32721	18,39926	10,93554,67279		0	23
	10	9,06173,23594	18,14738	9,99709,51706	24429	9,06463,71888	18,39167	10,93536,28112		50	
	20	9,06191,37564	18,13970	9,99709,27267	24439	9,06482,10297	18,38409	10,93517,89703		40	
	30	9,06209,50766	18,13202	9,99709,02818	24449	9,06500,47949	18,37652	10,93499,52051		30	
	40	9,06227,63202	18,12436	9,99708,78358	24460	9,06518,84844	18,36895	10,93481,15156		20	
	50	9,06245,74871	18,11669	9,99708,53887	24471	9,06537,20983	18,36139	10,93462,79017		10	
38	0	9,06263,85774	18,10903	9,99708,29407	24480	9,06555,56368	18,35385	10,93444,43632		0	22
	10	9,06281,95913	18,10139	9,99708,04916	24491	9,06573,90997	18,34629	10,93426,09003		50	
	20	9,06300,05287	18,09374	9,99707,80414	24502	9,06592,24873	18,33876	10,93407,75127		40	
	30	9,06318,13897	18,08610	9,99707,55903	24511	9,06610,57995	18,33122	10,93389,42005		30	
	40	9,06336,21745	18,07848	9,99707,31380	24523	9,06628,90364	18,32369	10,93371,09636		20	
	50	9,06354,28829	18,07084	9,99707,06848	24532	9,06647,21981	18,31617	10,93352,78019		10	
39	0	9,06372,35153	18,06324	9,99706,82305	24543	9,06665,52847	18,30866	10,93334,47153		0	21
	10	9,06390,40714	18,05561	9,99706,57752	24553	9,06683,82962	18,30115	10,93316,17038		50	
	20	9,06408,45516	18,04802	9,99706,33189	24563	9,06702,12327	18,29365	10,93297,87673		40	
	30	9,06426,49557	18,04041	9,99706,08615	24574	9,06720,40942	18,28615	10,93279,59058		30	
	40	9,06444,52839	18,03282	9,99705,84031	24584	9,06738,68808	18,27866	10,93261,31192		20	
	50	9,06462,55363	18,02524	9,99705,59436	24595	9,06756,95926	18,27118	10,93243,04074		10	
40	0	9,06480,57128	18,01765	9,99705,34832	24604	9,06775,22297	18,26371	10,93224,77703		0	20
			18,01009		24615		18,25623				
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M	

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,06480,57128	18,01009	9,99705,34832	24615	9,06775,22297	18,25623	10,93224,77703	0	20
	10	9,06498,58137	18,00251	9,99705,10217	24626	9,06793,47920	18,24877	10,93206,52080	50	
	20	9,06516,58388	17,99495	9,99704,85591	24636	9,06811,72797	18,24131	10,93188,27203	40	
	30	9,06534,57883	17,98740	9,99704,60955	24646	9,06829,96928	18,23386	10,93170,03072	30	
	40	9,06552,56623	17,97985	9,99704,36309	24657	9,06848,20314	18,22641	10,93151,79686	20	
	50	9,06570,54608	17,97230	9,99704,11652	24667	9,06866,42955	18,21898	10,93133,57045	10	
41	0	9,06588,51838	17,96477	9,99703,86985	24677	9,06884,64853	18,21154	10,93115,35147	0	19
	10	9,06606,48315	17,95724	9,99703,62308	24687	9,06902,86007	18,20411	10,93097,13993	50	
	20	9,06624,44039	17,94971	9,99703,37621	24698	9,06921,06418	18,19670	10,93078,93582	40	
	30	9,06642,39010	17,94220	9,99703,12923	24709	9,06939,26088	18,18928	10,93060,73912	30	
	40	9,06660,33230	17,93468	9,99702,88214	24718	9,06957,45016	18,18187	10,93042,54984	20	
	50	9,06678,26698	17,92719	9,99702,63496	24729	9,06975,63203	18,17447	10,93024,36797	10	
42	0	9,06696,19417	17,91968	9,99702,38767	24740	9,06993,80650	18,16707	10,93006,19350	0	18
	10	9,06714,11385	17,91218	9,99702,14027	24749	9,07011,97357	18,15969	10,92988,02643	50	
	20	9,06732,02603	17,90471	9,99701,89278	24760	9,07030,13326	18,15230	10,92969,86674	40	
	30	9,06749,93074	17,89722	9,99701,64518	24771	9,07048,28556	18,14492	10,92951,71444	30	
	40	9,06767,82796	17,88974	9,99701,39747	24780	9,07066,43048	18,13756	10,92933,56952	20	
	50	9,06785,71770	17,88228	9,99701,14967	24791	9,07084,56804	18,13019	10,92915,43196	10	
43	0	9,06803,59998	17,87482	9,99700,90176	24802	9,07102,69823	18,12283	10,92897,30177	0	17
	10	9,06821,47480	17,86736	9,99700,65374	24812	9,07120,82106	18,11547	10,92879,17894	50	
	20	9,06839,34216	17,85991	9,99700,40562	24822	9,07138,93653	18,10814	10,92861,06347	40	
	30	9,06857,20207	17,85246	9,99700,15740	24832	9,07157,04467	18,10079	10,92842,95533	30	
	40	9,06875,05453	17,84503	9,99699,90908	24843	9,07175,14546	18,09345	10,92824,85454	20	
	50	9,06892,89956	17,83760	9,99699,66065	24853	9,07193,23891	18,08613	10,92806,76109	10	
44	0	9,06910,73716	17,83017	9,99699,41212	24864	9,07211,32504	18,07881	10,92788,67496	0	16
	10	9,06928,56733	17,82275	9,99699,16348	24874	9,07229,40385	18,07149	10,92770,59615	50	
	20	9,06946,39008	17,81534	9,99698,91474	24884	9,07247,47534	18,06418	10,92752,52466	40	
	30	9,06964,20542	17,80794	9,99698,66590	24895	9,07265,53952	18,05688	10,92734,46048	30	
	40	9,06982,01336	17,80053	9,99698,41695	24904	9,07283,59640	18,04958	10,92716,40360	20	
	50	9,06999,81389	17,79313	9,99698,16791	24916	9,07301,64598	18,04229	10,92698,35402	10	
45	0	9,07017,60702	17,78575	9,99697,91875	24925	9,07319,68827	18,03500	10,92680,31173	0	15
	10	9,07035,39277	17,77836	9,99697,66950	24936	9,07337,72327	18,02773	10,92662,27673	50	
	20	9,07053,17113	17,77099	9,99697,42014	24947	9,07355,75100	18,02045	10,92644,24900	40	
	30	9,07070,94212	17,76362	9,99697,17067	24956	9,07373,77145	18,01318	10,92626,22855	30	
	40	9,07088,70574	17,75625	9,99696,92111	24967	9,07391,78463	18,00593	10,92608,21537	20	
	50	9,07106,46199	17,74889	9,99696,67144	24978	9,07409,79056	17,99866	10,92590,20944	10	
	0	9,07124,21088	17,74154	9,99696,42166	24988	9,07427,78922	17,99142	10,92572,21078	0	14
	10	9,07141,95242	17,73420	9,99696,17178	24998	9,07445,78064	17,98418	10,92554,21936	50	
	20	9,07159,68662	17,72685	9,99695,92180	25008	9,07463,76482	17,97693	10,92536,23518	40	
	30	9,07177,41347	17,71952	9,99695,67172	25019	9,07481,74175	17,96971	10,92518,25825	30	
	40	9,07195,13299	17,71219	9,99695,42153	25029	9,07499,71146	17,96248	10,92500,28854	20	
	50	9,07212,84518	17,70487	9,99695,17124	25040	9,07517,67394	17,95526	10,92482,32606	10	
	0	9,07230,55005	17,69755	9,99694,92084	25049	9,07535,62920	17,94805	10,92464,37080	0	13
	10	9,07248,24760	17,69023	9,99694,67035	25061	9,07553,57725	17,94084	10,92446,42275	50	
	20	9,07265,93783	17,68294	9,99694,41974	25070	9,07571,51809	17,93364	10,92428,48191	40	
	30	9,07283,62077	17,67563	9,99694,16904	25081	9,07589,45173	17,92644	10,92410,54827	30	
	40	9,07301,29640	17,66835	9,99693,91823	25091	9,07607,37817	17,91926	10,92392,62183	20	
	50	9,07318,96475	17,66105	9,99693,66732	25102	9,07625,29743	17,91207	10,92374,70257	10	
48	0	9,07336,62580	17,65377	9,99693,41630	25112	9,07643,20950	17,90489	10,92356,79050	0	12
	10	9,07354,27957	17,64650	9,99693,16518	25122	9,07661,11439	17,89773	10,92338,88561	50	
	20	9,07371,92607	17,63923	9,99692,91396	25133	9,07679,01212	17,89055	10,92320,98788	40	
	30	9,07389,56530	17,63197	9,99692,66263	25143	9,07696,90267	17,88340	10,92303,09733	30	
	40	9,07407,19727	17,62471	9,99692,41120	25153	9,07714,78607	17,87624	10,92285,21393	20	
	50	9,07424,82198	17,61745	9,99692,15967	25164	9,07732,66231	17,86909	10,92267,33769	10	
	0	9,07442,43943	17,61021	9,99691,90803	25174	9,07750,53140	17,86195	10,92249,46860	0	11
	10	9,07460,04964	17,60297	9,99691,65629	25185	9,07768,39335	17,85482	10,92231,60665	50	
	20	9,07477,65261	17,59574	9,99691,40444	25194	9,07786,24817	17,84768	10,92213,75183	40	
	30	9,07495,24835	17,58851	9,99691,15250	25206	9,07804,09585	17,84056	10,92195,90415	30	
	40	9,07512,83686	17,58128	9,99690,90044	25215	9,07821,93641	17,83345	10,92178,06359	20	
	50	9,07530,41814	17,57407	9,99690,64829	25226	9,07839,76986	17,82632	10,92160,23014	10	
	0	9,07547,99221	17,56686	9,99690,39603	25236	9,07857,59618	17,81923	10,92142,40382	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,07547,99221	17,56686	9,99690,39603	25236	9,07857,59618	17,81923	10,92142,40382	0	10
	10	9,07565,55907	17,55966	9,99690,14367	25247	9,07875,41541	17,81212	10,92124,58459	50	
	20	9,07583,11873	17,55245	9,99689,89120	25257	9,07893,22753	17,80502	10,92106,77247	40	
	30	9,07600,67118	17,54526	9,99689,63863	25267	9,07911,03255	17,79794	10,92088,96745	30	
	40	9,07618,21644	17,53808	9,99689,38596	25278	9,07928,83049	17,79085	10,92071,16951	20	
	50	9,07635,75452	17,53089	9,99689,13318	25288	9,07946,62134	17,78377	10,92053,37866	10	
51	0	9,07653,28541	17,52372	9,99688,88030	25298	9,07964,40511	17,77670	10,92035,59489	0	9
	10	9,07670,80913	17,51655	9,99688,62732	25309	9,07982,18181	17,76963	10,92017,81819	50	
	20	9,07688,32568	17,50938	9,99688,37423	25319	9,07999,95144	17,76258	10,92000,04856	40	
	30	9,07705,83506	17,50223	9,99688,12104	25329	9,08017,71402	17,75552	10,91982,28598	30	
	40	9,07723,33729	17,49507	9,99687,86775	25340	9,08035,46954	17,74847	10,91964,53046	20	
	50	9,07740,83236	17,48792	9,99687,61435	25350	9,08053,21801	17,74142	10,91946,78199	10	
52	0	9,07758,32028	17,48079	9,99687,36085	25361	9,08070,95943	17,73439	10,91929,04057	0	8
	10	9,07775,80107	17,47365	9,99687,10724	25370	9,08088,69382	17,72736	10,91911,30618	50	
	20	9,07793,27472	17,46651	9,99686,85354	25382	9,08106,42118	17,72033	10,91893,57882	40	
	30	9,07810,74123	17,45940	9,99686,59972	25391	9,08124,14151	17,71331	10,91875,85849	30	
	40	9,07828,20063	17,45228	9,99686,34581	25402	9,08141,85482	17,70630	10,91858,14518	20	
	50	9,07845,65291	17,44516	9,99686,09179	25412	9,08159,56112	17,69928	10,91840,43888	10	
53	0	9,07863,09807	17,43806	9,99685,83767	25423	9,08177,26040	17,69229	10,91822,73960	0	7
	10	9,07880,53613	17,43096	9,99685,58344	25433	9,08194,95269	17,68528	10,91805,04731	50	
	20	9,07897,96709	17,42386	9,99685,32911	25443	9,08212,63797	17,67830	10,91787,36203	40	
	30	9,07915,39095	17,41677	9,99685,07468	25454	9,08230,31627	17,67131	10,91769,68373	30	
	40	9,07932,80772	17,40969	9,99684,82014	25464	9,08247,98758	17,66433	10,91752,01242	20	
	50	9,07950,21741	17,40261	9,99684,56550	25474	9,08265,65191	17,65735	10,91734,34809	10	
54	0	9,07967,62002	17,39553	9,99684,31076	25485	9,08283,30926	17,65038	10,91716,69074	0	6
	10	9,07985,01555	17,38847	9,99684,05591	25495	9,08300,95964	17,64342	10,91699,04036	50	
	20	9,08002,40402	17,38141	9,99683,80096	25506	9,08318,60306	17,63647	10,91681,39694	40	
	30	9,08019,78543	17,37435	9,99683,54590	25515	9,08336,23953	17,62951	10,91663,76047	30	
	40	9,08037,15978	17,36731	9,99683,29075	25527	9,08353,86904	17,62256	10,91646,13096	20	
	50	9,08054,52709	17,36025	9,99683,03548	25536	9,08371,49160	17,61563	10,91628,50840	10	
55	0	9,08071,88734	17,35322	9,99682,78012	25547	9,08389,10723	17,60868	10,91610,89277	0	5
	10	9,08089,24056	17,34619	9,99682,52465	25557	9,08406,71591	17,60176	10,91593,28409	50	
	20	9,08106,58675	17,33916	9,99682,26908	25568	9,08424,31767	17,59484	10,91575,68233	40	
	30	9,08123,92591	17,33214	9,99682,01340	25578	9,08441,91251	17,58792	10,91558,08749	30	
	40	9,08141,25805	17,32512	9,99681,75762	25588	9,08459,50043	17,58100	10,91540,49957	20	
	50	9,08158,58317	17,31811	9,99681,50174	25599	9,08477,08143	17,57410	10,91522,91857	10	
56	0	9,08175,90128	17,31110	9,99681,24575	25609	9,08494,65553	17,56719	10,91505,34447	0	4
	10	9,08193,21238	17,30411	9,99680,98966	25620	9,08512,22272	17,56030	10,91487,77728	50	
	20	9,08210,51649	17,29711	9,99680,73346	25629	9,08529,78302	17,55341	10,91470,21698	40	
	30	9,08227,81360	17,29012	9,99680,47717	25640	9,08547,33643	17,54652	10,91452,66357	30	
	40	9,08245,10372	17,28314	9,99680,22077	25651	9,08564,88295	17,53965	10,91435,11705	20	
	50	9,08262,38686	17,27616	9,99679,96426	25661	9,08582,42260	17,53277	10,91417,57740	10	
57	0	9,08279,66302	17,26919	9,99679,70765	25671	9,08599,95537	17,52590	10,91400,04463	0	3
	10	9,08296,93221	17,26223	9,99679,45094	25682	9,08617,48127	17,51904	10,91382,51873	50	
	20	9,08314,19444	17,25526	9,99679,19412	25691	9,08635,00031	17,51219	10,91364,99969	40	
	30	9,08331,44970	17,24831	9,99678,93721	25703	9,08652,51250	17,50533	10,91347,48750	30	
	40	9,08348,69801	17,24136	9,99678,68018	25712	9,08670,01783	17,49848	10,91329,98217	20	
	50	9,08365,93937	17,23442	9,99678,42306	25723	9,08687,51631	17,49165	10,91312,48369	10	
58	0	9,08383,17379	17,22747	9,99678,16583	25734	9,08705,00796	17,48481	10,91294,99204	0	2
	10	9,08400,40126	17,22055	9,99677,90849	25744	9,08722,49277	17,47798	10,91277,50723	50	
	20	9,08417,62181	17,21361	9,99677,65105	25754	9,08739,97075	17,47116	10,91260,02925	40	
	30	9,08434,83542	17,20670	9,99677,39351	25764	9,08757,44191	17,46434	10,91242,55809	30	
	40	9,08452,04212	17,19977	9,99677,13587	25775	9,08774,90625	17,45752	10,91225,09375	20	
	50	9,08469,24189	17,19287	9,99676,87812	25785	9,08792,36377	17,45072	10,91207,63623	10	
59	0	9,08486,43476	17,18596	9,99676,62027	25796	9,08809,81449	17,44392	10,91190,18551	0	1
	10	9,08503,62072	17,17906	9,99676,36231	25805	9,08827,25841	17,43712	10,91172,74159	50	
	20	9,08520,79978	17,17217	9,99676,10426	25817	9,08844,69553	17,43032	10,91155,30447	40	
	30	9,08537,97195	17,16527	9,99675,84609	25826	9,08862,12585	17,42355	10,91137,87415	30	
	40	9,08555,13722	17,15840	9,99675,58783	25837	9,08879,54940	17,41676	10,91120,45060	20	
	50	9,08572,29562	17,15151	9,99675,32946	25848	9,08896,96616	17,40999	10,91103,03384	10	
60	0	9,08589,44713	17,14464	9,99675,07098	25857	9,08914,37615	17,40321	10,91085,62385	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,08589,44713	17,14464	9,99675,07098	25857	9,08914,37615	17,40321	10,91085,62385	0	60
	10	9,08606,59177	17,13777	9,99674,81241	25868	9,08931,77936	17,39646	10,91068,22064	50	
	20	9,08623,72954	17,13092	9,99674,55373	25879	9,08949,17582	17,38969	10,91050,82418	40	
	30	9,08640,86046	17,12405	9,99674,29494	25889	9,08966,56551	17,38295	10,91033,43449	30	
	40	9,08657,98451	17,11720	9,99674,03605	25899	9,08983,94846	17,37619	10,91016,05154	20	
	50	9,08675,10171	17,11036	9,99673,77706	25909	9,09001,32465	17,36945	10,90998,67535	10	
1	0	9,08692,21207	17,10352	9,99673,51797	25920	9,09018,69410	17,36272	10,90981,30590	0	59
	10	9,08709,31559	17,09668	9,99673,25877	25930	9,09036,05682	17,35598	10,90963,94318	50	
	20	9,08726,41227	17,08985	9,99672,99947	25941	9,09053,41280	17,34926	10,90946,58720	40	
	30	9,08743,50212	17,08303	9,99672,74006	25951	9,09070,76206	17,34254	10,90929,23794	30	
	40	9,08760,58515	17,07621	9,99672,48055	25961	9,09088,10460	17,33582	10,90911,89540	20	
	50	9,08777,66136	17,06939	9,99672,22094	25972	9,09105,44042	17,32911	10,90894,55958	10	
2	0	9,08794,73075	17,06259	9,99671,96122	25982	9,09122,76953	17,32241	10,90877,23047	0	58
	10	9,08811,79334	17,05578	9,99671,70140	25993	9,09140,09194	17,31571	10,90859,90806	50	
	20	9,08828,84912	17,04899	9,99671,44147	26002	9,09157,40765	17,30901	10,90842,59235	40	
	30	9,08845,89811	17,04219	9,99671,18145	26013	9,09174,71666	17,30233	10,90825,28334	30	
	40	9,08862,94030	17,03541	9,99670,92132	26024	9,09192,01899	17,29564	10,90807,98101	20	
	50	9,08879,97571	17,02862	9,99670,66108	26034	9,09209,31463	17,28896	10,90790,68537	10	
3	0	9,08897,00433	17,02185	9,99670,40074	26044	9,09226,60359	17,28229	10,90773,39641	0	57
	10	9,08914,02618	17,01508	9,99670,14030	26055	9,09243,88588	17,27563	10,90756,11412	50	
	20	9,08931,04126	17,00831	9,99669,87975	26065	9,09261,16151	17,26896	10,90738,83849	40	
	30	9,08948,04957	17,00155	9,99669,61910	26075	9,09278,43047	17,26230	10,90721,56953	30	
	40	9,08965,05112	16,99480	9,99669,35835	26086	9,09295,69277	17,25566	10,90704,30723	20	
	50	9,08982,04592	16,98805	9,99669,09749	26096	9,09312,94843	17,24900	10,90687,05157	10	
4	0	9,08999,03397	16,98130	9,99668,83653	26106	9,09330,19743	17,24237	10,90669,80257	0	56
	10	9,09016,01527	16,97456	9,99668,57547	26117	9,09347,43980	17,23573	10,90652,56020	50	
	20	9,09032,98983	16,96783	9,99668,31430	26127	9,09364,67553	17,22910	10,90635,32447	40	
	30	9,09049,95766	16,96110	9,99668,05303	26138	9,09381,90463	17,22248	10,90618,09537	30	
	40	9,09066,91876	16,95438	9,99667,79165	26147	9,09399,12711	17,21585	10,90600,87289	20	
	50	9,09083,87314	16,94766	9,99667,53018	26159	9,09416,34296	17,20924	10,90583,65704	10	
5	0	9,09100,82080	16,94094	9,99667,26859	26168	9,09433,55220	17,20264	10,90566,44780	0	55
	10	9,09117,76174	16,93424	9,99667,00691	26179	9,09450,75484	17,19602	10,90549,24516	50	
	20	9,09134,69598	16,92753	9,99666,74512	26190	9,09467,95086	17,18943	10,90532,04914	40	
	30	9,09151,62351	16,92084	9,99666,48322	26199	9,09485,14029	17,18284	10,90514,85971	30	
	40	9,09168,54435	16,91415	9,99666,22123	26210	9,09502,32313	17,17624	10,90497,67687	20	
	50	9,09185,45850	16,90746	9,99665,95913	26221	9,09519,49937	17,16966	10,90480,50063	10	
6	0	9,09202,36596	16,90077	9,99665,69692	26231	9,09536,66903	17,16309	10,90463,33097	0	54
	10	9,09219,26673	16,89410	9,99665,43461	26241	9,09553,83212	17,15651	10,90446,16788	50	
	20	9,09236,16083	16,88743	9,99665,17220	26251	9,09570,98863	17,14995	10,90429,01137	40	
	30	9,09253,04826	16,88077	9,99664,90969	26262	9,09588,13858	17,14338	10,90411,86142	30	
	40	9,09269,92903	16,87410	9,99664,64707	26273	9,09605,28196	17,13682	10,90394,71804	20	
	50	9,09286,80313	16,86744	9,99664,38434	26282	9,09622,41878	17,13028	10,90377,58122	10	
7	0	9,09303,67057	16,86080	9,99664,12152	26293	9,09639,54906	17,12372	10,90360,45094	0	53
	10	9,09320,53137	16,85415	9,99663,85859	26304	9,09656,67278	17,11719	10,90343,32722	50	
	20	9,09337,38552	16,84751	9,99663,59555	26313	9,09673,78997	17,11064	10,90326,21003	40	
	30	9,09354,23303	16,84087	9,99663,33242	26325	9,09690,90061	17,10412	10,90309,09939	30	
	40	9,09371,07390	16,83425	9,99663,06917	26334	9,09708,00473	17,09759	10,90291,99527	20	
	50	9,09387,90815	16,82762	9,99662,80583	26345	9,09725,10232	17,09107	10,90274,89768	10	
8	0	9,09404,73577	16,82100	9,99662,54238	26355	9,09742,19339	17,08455	10,90257,80661	0	52
	10	9,09421,55677	16,81439	9,99662,27883	26366	9,09759,27794	17,07804	10,90240,72206	50	
	20	9,09438,37116	16,80777	9,99662,01517	26376	9,09776,35598	17,07154	10,90223,64402	40	
	30	9,09455,17893	16,80117	9,99661,75141	26386	9,09793,42752	17,06503	10,90206,57248	30	
	40	9,09471,98010	16,79458	9,99661,48755	26397	9,09810,49255	17,05854	10,90189,50745	20	
	50	9,09488,77468	16,78797	9,99661,22358	26407	9,09827,55109	17,05205	10,90172,44891	10	
9	0	9,09505,56265	16,78139	9,99660,95951	26417	9,09844,60314	17,04556	10,90155,39686	0	51
	10	9,09522,34404	16,77481	9,99660,69534	26428	9,09861,64870	17,03909	10,90138,35130	50	
	20	9,09539,11885	16,76823	9,99660,43106	26438	9,09878,68779	17,03261	10,90121,31221	40	
	30	9,09555,88708	16,76165	9,99660,16668	26449	9,09895,72040	17,02613	10,90104,27960	30	
	40	9,09572,64873	16,75508	9,99659,90219	26458	9,09912,74653	17,01968	10,90087,25347	20	
	50	9,09589,40381	16,74852	9,99659,63761	26470	9,09929,76621	17,01321	10,90070,23379	10	
10	0	9,09606,15233	16,74197	9,99659,37291	26479	9,09946,77942	17,00676	10,90053,22058	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,09606,15233		9,99659,37291		9,09946,77942		10,90053,22058	0	50
	10	9,09622,89430	16,74197	9,99659,10812	26479	9,09963,78618	17,00676	10,90036,21382	50	
	20	9,09639,62970	16,73540	9,99658,84322	26490	9,09980,78649	17,00031	10,90019,21351	40	
	30	9,09656,35856	16,72886	9,99658,57821	26501	9,09997,78035	16,99386	10,90002,21965	30	
	40	9,09673,08088	16,72232	9,99658,31311	26510	9,10014,76777	16,98742	10,89985,23223	20	
	50	9,09689,79666	16,71578	9,99658,04789	26522	9,10031,74876	16,98099	10,89968,25124	10	
11	0	9,09706,50590	16,70924	9,99657,78258	26531	9,10048,72332	16,97456	10,89951,27668	0	49
	10	9,09723,20862	16,70272	9,99657,51716	26542	9,10065,69146	16,96814	10,89934,30854	50	
	20	9,09739,90481	16,69619	9,99657,25164	26552	9,10082,65317	16,96171	10,89917,34683	40	
	30	9,09756,59449	16,68968	9,99656,98601	26563	9,10099,60847	16,95530	10,89900,39153	30	
	40	9,09773,27765	16,68316	9,99656,72028	26573	9,10116,55736	16,94889	10,89883,44264	20	
	50	9,09789,95430	16,67665	9,99656,45445	26583	9,10133,49985	16,94249	10,89866,50015	10	
12	0	9,09806,62445	16,67015	9,99656,18851	26594	9,10150,43594	16,93609	10,89849,56406	0	48
	10	9,09823,28810	16,66365	9,99655,92247	26604	9,10167,36563	16,92969	10,89832,63437	50	
	20	9,09839,94526	16,65716	9,99655,65633	26614	9,10184,28893	16,92330	10,89815,71107	40	
	30	9,09856,59593	16,65067	9,99655,39008	26625	9,10201,20585	16,91692	10,89798,79415	30	
	40	9,09873,24011	16,64418	9,99655,12373	26635	9,10218,11639	16,91054	10,89781,88361	20	
	50	9,09889,87782	16,63771	9,99654,85727	26646	9,10235,02055	16,90416	10,89764,97945	10	
13	0	9,09906,50906	16,63124	9,99654,59071	26656	9,10251,91834	16,89779	10,89748,08166	0	47
	10	9,09923,13382	16,62476	9,99654,32405	26666	9,10268,80977	16,89143	10,89731,19023	50	
	20	9,09939,75212	16,61830	9,99654,05728	26677	9,10285,69484	16,88507	10,89714,30516	40	
	30	9,09956,36397	16,61185	9,99653,79041	26687	9,10302,57356	16,87872	10,89697,42644	30	
	40	9,09972,96936	16,60539	9,99653,52344	26697	9,10319,44592	16,87236	10,89680,55408	20	
	50	9,09989,56830	16,59894	9,99653,25636	26708	9,10336,31194	16,86602	10,89663,68806	10	
14	0	9,10006,16080	16,59250	9,99652,98918	26718	9,10353,17162	16,85968	10,89646,82838	0	46
	10	9,10022,74686	16,58606	9,99652,72189	26729	9,10370,02496	16,85334	10,89629,97504	50	
	20	9,10039,32648	16,57962	9,99652,45450	26739	9,10386,87198	16,84702	10,89613,12802	40	
	30	9,10055,89968	16,57320	9,99652,18701	26749	9,10403,71266	16,84068	10,89596,28734	30	
	40	9,10072,46645	16,56677	9,99651,91941	26760	9,10420,54703	16,83437	10,89579,45297	20	
	50	9,10089,02680	16,56035	9,99651,65171	26770	9,10437,37508	16,82805	10,89562,62492	10	
15	0	9,10105,58074	16,55394	9,99651,38391	26780	9,10454,19683	16,82175	10,89545,80317	0	45
	10	9,10122,12826	16,54752	9,99651,11600	26791	9,10471,01226	16,81543	10,89528,98774	50	
	20	9,10138,66939	16,54113	9,99650,84799	26801	9,10487,82140	16,80914	10,89512,17860	40	
	30	9,10155,20411	16,53472	9,99650,57988	26811	9,10504,62424	16,80284	10,89495,37576	30	
	40	9,10171,73244	16,52833	9,99650,31166	26822	9,10521,42078	16,79654	10,89478,57922	20	
	50	9,10188,25438	16,52194	9,99650,04333	26833	9,10538,21105	16,79027	10,89461,78895	10	
16	0	9,10204,76993	16,51555	9,99649,77491	26842	9,10554,99503	16,78398	10,89445,00497	0	44
	10	9,10221,27911	16,50918	9,99649,50638	26853	9,10571,77273	16,77770	10,89428,22727	50	
	20	9,10237,78191	16,50280	9,99649,23774	26864	9,10588,54416	16,77143	10,89411,45584	40	
	30	9,10254,27833	16,49642	9,99648,96901	26873	9,10605,30933	16,76517	10,89394,69067	30	
	40	9,10270,76840	16,49007	9,99648,70016	26885	9,10622,06823	16,75890	10,89377,93177	20	
	50	9,10287,25210	16,48370	9,99648,43122	26894	9,10638,82088	16,75265	10,89361,17912	10	
17	0	9,10303,72944	16,47734	9,99648,16217	26905	9,10655,56727	16,74639	10,89344,43273	0	43
	10	9,10320,20044	16,47100	9,99647,89302	26915	9,10672,30742	16,74015	10,89327,69258	50	
	20	9,10336,66508	16,46464	9,99647,62376	26926	9,10689,04132	16,73390	10,89310,95868	40	
	30	9,10353,12339	16,45831	9,99647,35440	26936	9,10705,76899	16,72767	10,89294,23101	30	
	40	9,10369,57536	16,45197	9,99647,08494	26946	9,10722,49042	16,72143	10,89277,50958	20	
	50	9,10386,02099	16,44563	9,99646,81537	26957	9,10739,20562	16,71520	10,89260,79438	10	
18	0	9,10402,46030	16,43931	9,99646,54570	26967	9,10755,91460	16,70898	10,89244,08540	0	42
	10	9,10418,89329	16,43299	9,99646,27592	26978	9,10772,61737	16,70277	10,89227,38263	50	
	20	9,10435,31996	16,42667	9,99646,00605	26987	9,10789,31391	16,69654	10,89210,68609	40	
	30	9,10451,74032	16,42036	9,99645,73606	26999	9,10806,00425	16,69034	10,89193,99575	30	
	40	9,10468,15437	16,41405	9,99645,46598	27008	9,10822,68839	16,68414	10,89177,31161	20	
	50	9,10484,56211	16,40774	9,99645,19579	27019	9,10839,36632	16,67793	10,89160,63368	10	
19	0	9,10500,96356	16,40145	9,99644,92549	27030	9,10856,03806	16,67174	10,89143,96194	0	41
	10	9,10517,35871	16,39515	9,99644,65509	27040	9,10872,70362	16,66556	10,89127,29638	50	
	20	9,10533,74757	16,38886	9,99644,38459	27050	9,10889,36298	16,65936	10,89110,63702	40	
	30	9,10550,13015	16,38258	9,99644,11399	27060	9,10906,01616	16,65318	10,89093,98384	30	
	40	9,10566,50645	16,37630	9,99643,84328	27071	9,10922,66317	16,64701	10,89077,33683	20	
	50	9,10582,87648	16,37003	9,99643,57247	27081	9,10939,30401	16,64084	10,89060,69599	10	
20	0	9,10599,24023	16,36375	9,99643,30155	27092	9,10955,93868	16,63467	10,89044,06132	0	40
			16,35749		27102		16,62851			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,10599,24023		9,99643,30155		9,10955,93868		10,89044,06132	0	40
	10	9,10615,59772	16,35749	9,99643,03053	27102	9,10972,56719	16,62851	10,89027,43281	50	
	20	9,10631,94895	16,35123	9,99642,75941	27112	9,10989,18954	16,62235	10,89010,81046	40	
	30	9,10648,29392	16,34497	9,99642,48818	27123	9,11005,80574	16,61620	10,88994,19426	30	
	40	9,10664,63264	16,33872	9,99642,21685	27133	9,11022,41580	16,61006	10,88977,58420	20	
	50	9,10680,96512	16,33248	9,99641,94541	27144	9,11039,01971	16,60391	10,88960,98029	10	
21	0	9,10697,29135	16,32623	9,99641,67387	27154	9,11055,61748	16,59777	10,88944,38252	0	39
			16,32000		27164		16,59164			
	10	9,10713,61135	16,31376	9,99641,40223	27175	9,11072,20912	16,58551	10,88927,79088	50	
	20	9,10729,92511	16,30754	9,99641,13048	27185	9,11088,79463	16,57938	10,88911,20537	40	
	30	9,10746,23265	16,30131	9,99640,85863	27195	9,11105,37401	16,57327	10,88894,62599	30	
	40	9,10762,53396	16,29509	9,99640,58668	27206	9,11121,94728	16,56715	10,88878,05272	20	
	50	9,10778,82905	16,28888	9,99640,31462	27216	9,11138,51443	16,56104	10,88861,48557	10	
22	0	9,10795,11793	16,28267	9,99640,04246	27227	9,11155,07547	16,55494	10,88844,92453	0	38
			16,27647		27237		16,54884			
	10	9,10811,40060	16,27027	9,99639,77019	27247	9,11171,63041	16,54274	10,88828,36959	50	
	20	9,10827,67707	16,26407	9,99639,49782	27258	9,11188,17925	16,53665	10,88811,82075	40	
	30	9,10843,94734	16,25788	9,99638,95277	27268	9,11204,72199	16,53056	10,88795,27801	30	
	40	9,10860,21141	16,25169	9,99638,68009	27278	9,11221,25864	16,52448	10,88778,74136	20	
	50	9,10876,46929	16,24552	9,99638,40731	27289	9,11237,78920	16,51840	10,88762,21080	10	
23	0	9,10892,72098	16,23933	9,99638,13442	27299	9,11254,31368	16,51233	10,88745,68632	0	37
			16,23317		27310		16,50626			
	10	9,10908,96650	16,22700	9,99637,86143	27320	9,11270,83208	16,50020	10,88729,16792	50	
	20	9,10925,20583	16,22083	9,99637,58833	27330	9,11287,34441	16,49413	10,88712,65559	40	
	30	9,10941,43900	16,21468	9,99637,31513	27341	9,11303,85067	16,48809	10,88696,14933	30	
	40	9,10957,66600	16,20852	9,99637,04183	27351	9,11320,35087	16,48203	10,88679,64913	20	
	50	9,10973,88683	16,20237	9,99636,76842	27361	9,11336,84500	16,47599	10,88663,15500	10	
24	0	9,10990,10151	16,19623	9,99636,49491	27372	9,11353,33309	16,46995	10,88646,66691	0	36
			16,19009		27383		16,46391			
	10	9,11006,31003	16,18396	9,99636,22130	27392	9,11369,81512	16,45788	10,88630,18488	50	
	20	9,11022,51240	16,17782	9,99635,94758	27403	9,11386,29111	16,45185	10,88613,70889	40	
	30	9,11038,70863	16,17170	9,99635,67375	27414	9,11402,76106	16,44583	10,88597,23894	30	
	40	9,11054,89872	16,16557	9,99635,39983	27423	9,11419,22497	16,43982	10,88580,77503	20	
	50	9,11071,08268	16,15946	9,99635,12580	27435	9,11435,68285	16,43380	10,88564,31715	10	
25	0	9,11087,26050	16,15335	9,99634,85166	27444	9,11452,13470	16,42779	10,88547,86530	0	35
			16,14724		27455		16,42179			
	10	9,11103,43220	16,14113	9,99634,57743	27465	9,11468,58053	16,41578	10,88531,41947	50	
	20	9,11119,59777	16,13504	9,99634,30308	27476	9,11485,02035	16,40980	10,88514,97965	40	
	30	9,11135,75723	16,12894	9,99634,02864	27486	9,11501,45415	16,40380	10,88498,54585	30	
	40	9,11151,91058	16,12285	9,99633,75409	27496	9,11517,88194	16,39781	10,88482,11806	20	
	50	9,11168,05782	16,11677	9,99633,47944	27507	9,11534,30373	16,39184	10,88465,69627	10	
26	0	9,11184,19895	16,11068	9,99633,20468	27518	9,11550,71951	16,38586	10,88449,28049	0	34
			16,10461		27527		16,37988			
	10	9,11200,33399	16,09854	9,99632,92982	27538	9,11567,12931	16,37392	10,88432,87069	50	
	20	9,11216,46293	16,09247	9,99632,65486	27548	9,11583,53311	16,36795	10,88416,46689	40	
	30	9,11232,58578	16,08640	9,99632,37979	27559	9,11599,93092	16,36200	10,88400,06908	30	
	40	9,11248,70255	16,08035	9,99632,10461	27569	9,11616,32276	16,35604	10,88383,67724	20	
	50	9,11264,81323	16,07430	9,99631,82934	27580	9,11632,70862	16,35009	10,88367,29138	10	
27	0	9,11280,91784	16,06825	9,99631,55396	27590	9,11649,08850	16,34414	10,88350,91150	0	33
			16,06220		27600		16,33821			
	10	9,11297,01638	16,05616	9,99631,27848	27611	9,11665,46242	16,33226	10,88334,53758	50	
	20	9,11313,10885	16,05012	9,99631,00289	27621	9,11681,83037	16,32634	10,88318,16963	40	
	30	9,11329,19525	16,04410	9,99630,72720	27631	9,11698,19237	16,32041	10,88301,80763	30	
	40	9,11345,27560	16,03806	9,99630,45140	27642	9,11714,54841	16,31448	10,88285,45159	20	
	50	9,11361,34990	16,03205	9,99630,17550	27652	9,11730,89850	16,30857	10,88269,10150	10	
28	0	9,11377,41815	16,02602	9,99629,89950	27663	9,11747,24264	16,30265	10,88252,75736	0	32
			16,02001		27673		16,29674			
	10	9,11393,48035	16,01401	9,99629,62339	27683	9,11763,58085	16,29083	10,88236,41915	50	
	20	9,11409,53651	16,00799	9,99629,34718	27694	9,11779,91311	16,28494	10,88220,08689	40	
	30	9,11425,58663	16,00200	9,99629,07087	27704	9,11796,23945	16,27904	10,88203,76055	30	
	40	9,11441,63073	15,99600	9,99628,79445	27714	9,11812,55986	16,27314	10,88187,44014	20	
	50	9,11457,66879	15,99001	9,99628,51793	27725	9,11828,87434	16,26726	10,88171,12566	10	
29	0	9,11473,70084		9,99628,24130		9,11845,18291		10,88154,81709	0	31
				9,99627,96457		9,11861,48556		10,88138,51444	50	
	10	9,11489,72686		9,99627,68774		9,11877,78230		10,88122,21770	40	
	20	9,11505,74687		9,99627,41080		9,11894,07313		10,88105,92687	30	
	30	9,11521,76088		9,99627,13376		9,11910,35807		10,88089,64193	20	
	40	9,11537,76887		9,99626,85662		9,11926,63711		10,88073,36289	10	
	50	9,11553,77087				9,11942,91025		10,88057,08975	0	30
30	0	9,11569,76687								
		Sin. Comple.	SINVVM			Tang. compl.	TANGEN.		S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,11569,76687	15,99001	9,99626,85662	27725	9,11942,91025	16,26726	10,88057,08975	0	30
	10	9,11585,75688	15,98403	9,99626,57937	27735	9,11959,17751	16,26138	10,88040,82249	50	
	20	9,11601,74091	15,97804	9,99626,30202	27746	9,11975,43889	16,25550	10,88024,56111	40	
	30	9,11617,71895	15,97206	9,99626,02456	27756	9,11991,69439	16,24962	10,88008,30561	30	
	40	9,11633,69101	15,96609	9,99625,74700	27766	9,12007,94401	16,24375	10,87992,05599	20	
	50	9,11649,65710	15,96011	9,99625,46934	27777	9,12024,18776	16,23789	10,87975,81224	10	
31	0	9,11665,61721	15,95416	9,99625,19157	27787	9,12040,42565	16,23202	10,87959,57435	0	29
	10	9,11681,57137	15,94819	9,99624,91370	27798	9,12056,65767	16,22617	10,87943,34233	50	
	20	9,11697,51956	15,94224	9,99624,63572	27808	9,12072,88384	16,22032	10,87927,11616	40	
	30	9,11713,46180	15,93628	9,99624,35764	27818	9,12089,10416	16,21446	10,87910,89584	30	
	40	9,11729,39808	15,93034	9,99624,07946	27829	9,12105,31862	16,20863	10,87894,68138	20	
	50	9,11745,32842	15,92439	9,99623,80117	27839	9,12121,52725	16,20278	10,87878,47275	10	
32	0	9,11761,25281	15,91845	9,99623,52278	27850	9,12137,73003	16,19695	10,87862,26997	0	28
	10	9,11777,17126	15,91252	9,99623,24428	27860	9,12153,92698	16,19112	10,87846,07302	50	
	20	9,11793,08378	15,90659	9,99622,96568	27870	9,12170,11810	16,18529	10,87829,88190	40	
	30	9,11808,99037	15,90067	9,99622,68698	27880	9,12186,30339	16,17947	10,87813,69661	30	
	40	9,11824,89104	15,89474	9,99622,40818	27892	9,12202,48286	16,17365	10,87797,51714	20	
	50	9,11840,78578	15,88882	9,99622,12926	27901	9,12218,65651	16,16784	10,87781,34349	10	
33	0	9,11856,67460	15,88291	9,99621,85025	27912	9,12234,82435	16,16203	10,87765,17565	0	27
	10	9,11872,55751	15,87701	9,99621,57113	27922	9,12250,98638	16,15623	10,87749,01362	50	
	20	9,11888,43452	15,87110	9,99621,29191	27933	9,12267,14261	16,15042	10,87732,85739	40	
	30	9,11904,30562	15,86519	9,99621,01258	27943	9,12283,29303	16,14463	10,87716,70697	30	
	40	9,11920,17081	15,85931	9,99620,73315	27953	9,12299,43766	16,13884	10,87700,56234	20	
	50	9,11936,03012	15,85341	9,99620,45362	27964	9,12315,57650	16,13305	10,87684,42350	10	
34	0	9,11951,88353	15,84753	9,99620,17398	27974	9,12331,70955	16,12726	10,87668,29045	0	26
	10	9,11967,73106	15,84164	9,99619,89424	27984	9,12347,83681	16,12149	10,87652,16319	50	
	20	9,11983,57270	15,83576	9,99619,61440	27995	9,12363,95830	16,11571	10,87636,04170	40	
	30	9,11999,40846	15,82989	9,99619,33445	28006	9,12380,07401	16,10995	10,87619,92599	30	
	40	9,12015,23835	15,82402	9,99619,05439	28015	9,12396,18396	16,10417	10,87603,81604	20	
	50	9,12031,06237	15,81815	9,99618,77424	28026	9,12412,28813	16,09842	10,87587,71187	10	
35	0	9,12046,88052	15,81230	9,99618,49398	28037	9,12428,38655	16,09266	10,87571,61345	0	25
	10	9,12062,69282	15,80643	9,99618,21361	28047	9,12444,47921	16,08690	10,87555,52079	50	
	20	9,12078,49925	15,80059	9,99617,93314	28057	9,12460,56611	16,08116	10,87539,43389	40	
	30	9,12094,29984	15,79473	9,99617,65257	28068	9,12476,64727	16,07541	10,87523,35273	30	
	40	9,12110,09457	15,78889	9,99617,37189	28078	9,12492,72268	16,06967	10,87507,27732	20	
	50	9,12125,88346	15,78305	9,99617,09111	28088	9,12508,79235	16,06393	10,87491,20765	10	
36	0	9,12141,66651	15,77721	9,99616,81023	28099	9,12524,85628	16,05820	10,87475,14372	0	24
	10	9,12157,44372	15,77139	9,99616,52924	28109	9,12540,91448	16,05248	10,87459,08552	50	
	20	9,12173,21511	15,76555	9,99616,24815	28120	9,12556,96696	16,04675	10,87443,03304	40	
	30	9,12188,98066	15,75973	9,99615,96695	28130	9,12573,01371	16,04103	10,87426,98629	30	
	40	9,12204,74039	15,75392	9,99615,68565	28140	9,12589,05474	16,03532	10,87410,94526	20	
	50	9,12220,49431	15,74810	9,99615,40425	28151	9,12605,09006	16,02961	10,87394,90994	10	
37	0	9,12236,24241	15,74228	9,99615,12274	28161	9,12621,11967	16,02390	10,87378,88033	0	23
	10	9,12251,98469	15,73649	9,99614,84113	28172	9,12637,14357	16,01819	10,87362,85643	50	
	20	9,12267,72118	15,73068	9,99614,55941	28182	9,12653,16176	16,01250	10,87346,83824	40	
	30	9,12283,45186	15,72488	9,99614,27759	28192	9,12669,17426	16,00681	10,87330,82574	30	
	40	9,12299,17674	15,71909	9,99613,99567	28203	9,12685,18107	16,00111	10,87314,81893	20	
	50	9,12314,89583	15,71330	9,99613,71364	28213	9,12701,18218	15,99543	10,87298,81782	10	
38	0	9,12330,60913	15,70751	9,99613,43151	28223	9,12717,17761	15,98975	10,87282,82239	0	22
	10	9,12346,31664	15,70173	9,99613,14928	28234	9,12733,16736	15,98407	10,87266,83264	50	
	20	9,12362,01837	15,69596	9,99612,86694	28244	9,12749,15143	15,97840	10,87250,84857	40	
	30	9,12377,71433	15,69018	9,99612,58450	28255	9,12765,12983	15,97273	10,87234,87017	30	
	40	9,12393,40451	15,68442	9,99612,30195	28265	9,12781,10256	15,96707	10,87218,89744	20	
	50	9,12409,08893	15,67865	9,99612,01930	28276	9,12797,06963	15,96140	10,87202,93037	10	
39	0	9,12424,76758	15,67289	9,99611,73654	28286	9,12813,03103	15,95575	10,87186,96897	0	21
	10	9,12440,44047	15,66713	9,99611,45368	28296	9,12828,98678	15,95010	10,87171,01322	50	
	20	9,12456,10760	15,66138	9,99611,17072	28306	9,12844,93688	15,94445	10,87155,06312	40	
	30	9,12471,76898	15,65564	9,99610,88766	28317	9,12860,88133	15,93880	10,87139,11867	30	
	40	9,12487,42462	15,64989	9,99610,60449	28328	9,12876,82013	15,93317	10,87123,17987	20	
	50	9,12503,07451	15,64415	9,99610,32121	28338	9,12892,75330	15,92753	10,87107,24670	10	
40	0	9,12518,71866	15,63842	9,99610,03783	28348	9,12908,68083	15,92189	10,87091,31917	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,12518,71866		9,99610,03783		9,12908,68083		10,87091,31917	0	20
	10	9,12534,35708	15,63842	9,99609,75435	28348	9,12924,60272	15,92189	10,87075,39728	50	
	20	9,12549,98976	15,63268	9,99609,47077	28358	9,12940,51899	15,91627	10,87059,48101	40	
	30	9,12565,61672	15,62696	9,99609,18708	28369	9,12956,42964	15,91065	10,87043,57036	30	
	40	9,12581,23795	15,62123	9,99608,90328	28380	9,12972,33467	15,90503	10,87027,66533	20	
	50	9,12596,85347	15,61552	9,99608,61938	28390	9,12988,23408	15,89941	10,87011,76592	10	
41	0	9,12612,46327	15,60980	9,99608,33538	28400	9,13004,12789	15,89381	10,86995,87211	0	19
	10	9,12628,06736	15,60409	9,99608,05128	28410	9,13020,01608	15,88819	10,86979,98392	50	
	20	9,12643,66574	15,59838	9,99607,76707	28421	9,13035,89868	15,88260	10,86964,10132	40	
	30	9,12659,25842	15,59268	9,99607,48275	28432	9,13051,77567	15,87699	10,86948,22433	30	
	40	9,12674,84541	15,58699	9,99607,19834	28441	9,13067,64707	15,87140	10,86932,35293	20	
	50	9,12690,42670	15,58129	9,99606,91381	28453	9,13083,51288	15,86581	10,86916,48712	10	
42	0	9,12706,00229	15,57559	9,99606,62919	28462	9,13099,37311	15,86023	10,86900,62689	0	18
	10	9,12721,57221	15,56992	9,99606,34446	28473	9,13115,22775	15,85464	10,86884,77225	50	
	20	9,12737,13644	15,56423	9,99606,05963	28483	9,13131,07681	15,84906	10,86868,92319	40	
	30	9,12752,69499	15,55855	9,99605,77469	28494	9,13146,92030	15,84349	10,86853,07970	30	
	40	9,12768,24787	15,55288	9,99605,48965	28504	9,13162,75822	15,83792	10,86837,24178	20	
	50	9,12783,79508	15,54721	9,99605,20450	28515	9,13178,59057	15,83235	10,86821,40943	10	
43	0	9,12799,33662	15,54154	9,99604,91925	28525	9,13194,41737	15,82680	10,86805,58263	0	17
	10	9,12814,87250	15,53588	9,99604,63390	28535	9,13210,23860	15,82123	10,86789,76140	50	
	20	9,12830,40273	15,53023	9,99604,34844	28546	9,13226,05428	15,81568	10,86773,94572	40	
	30	9,12845,92730	15,52457	9,99604,06288	28556	9,13241,86441	15,81013	10,86758,13559	30	
	40	9,12861,44622	15,51892	9,99603,77722	28566	9,13257,66900	15,80459	10,86742,33100	20	
	50	9,12876,95949	15,51327	9,99603,49145	28577	9,13273,46804	15,79904	10,86726,53196	10	
44	0	9,12892,46712	15,50763	9,99603,20558	28587	9,13289,26155	15,79351	10,86710,73845	0	16
	10	9,12907,96912	15,50200	9,99602,91960	28598	9,13305,04952	15,78797	10,86694,95048	50	
	20	9,12923,46548	15,49636	9,99602,63352	28608	9,13320,83196	15,78244	10,86679,16804	40	
	30	9,12938,95622	15,49074	9,99602,34733	28619	9,13336,60888	15,77692	10,86663,39112	30	
	40	9,12954,44132	15,48510	9,99602,06105	28628	9,13352,38028	15,77140	10,86647,61972	20	
	50	9,12969,92081	15,47949	9,99601,77465	28640	9,13368,14616	15,76588	10,86631,85384	10	
45	0	9,12985,39468	15,47387	9,99601,48816	28649	9,13383,90652	15,76036	10,86616,09348	0	15
	10	9,13000,86293	15,46825	9,99601,20156	28660	9,13399,66138	15,75486	10,86600,33862	50	
	20	9,13016,32558	15,46265	9,99600,91485	28671	9,13415,41073	15,74935	10,86584,58927	40	
	30	9,13031,78262	15,45704	9,99600,62804	28681	9,13431,15458	15,74385	10,86568,84542	30	
	40	9,13047,23406	15,45144	9,99600,34113	28691	9,13446,89293	15,73835	10,86553,10707	20	
	50	9,13062,67990	15,44584	9,99600,05411	28702	9,13462,62579	15,73286	10,86537,37421	10	
46	0	9,13078,12015	15,44025	9,99599,76699	28712	9,13478,35316	15,72737	10,86521,64684	0	14
	10	9,13093,55481	15,43466	9,99599,47977	28722	9,13494,07504	15,72188	10,86505,92496	50	
	20	9,13108,98388	15,42907	9,99599,19244	28733	9,13509,79144	15,71640	10,86490,20856	40	
	30	9,13124,40738	15,42350	9,99598,90501	28743	9,13525,50237	15,71093	10,86474,49763	30	
	40	9,13139,82529	15,41791	9,99598,61747	28754	9,13541,20782	15,70545	10,86458,79218	20	
	50	9,13155,23763	15,41234	9,99598,32983	28764	9,13556,90780	15,69998	10,86443,09220	10	
47	0	9,13170,64440	15,40677	9,99598,04209	28774	9,13572,60231	15,69451	10,86427,39769	0	13
	10	9,13186,04561	15,40121	9,99597,75424	28785	9,13588,29137	15,68906	10,86411,70863	50	
	20	9,13201,44125	15,39564	9,99597,46629	28795	9,13603,97496	15,68359	10,86396,02504	40	
	30	9,13216,83134	15,39009	9,99597,17823	28806	9,13619,65310	15,67814	10,86380,34690	30	
	40	9,13232,21587	15,38453	9,99596,89007	28816	9,13635,32580	15,67270	10,86364,67420	20	
	50	9,13247,59485	15,37898	9,99596,60181	28826	9,13650,99304	15,66724	10,86349,00696	10	
48	0	9,13262,96828	15,37343	9,99596,31344	28837	9,13666,65485	15,66181	10,86333,34515	0	12
	10	9,13278,33618	15,36790	9,99596,02497	28847	9,13682,31121	15,65636	10,86317,68879	50	
	20	9,13293,69853	15,36235	9,99595,73639	28858	9,13697,96214	15,65093	10,86302,03786	40	
	30	9,13309,05535	15,35682	9,99595,44771	28868	9,13713,60765	15,64551	10,86286,39235	30	
	40	9,13324,40665	15,35130	9,99595,15892	28879	9,13729,24772	15,64007	10,86270,75228	20	
	50	9,13339,75241	15,34576	9,99594,87004	28888	9,13744,88237	15,63465	10,86255,11763	10	
49	0	9,13355,09265	15,34024	9,99594,58104	28900	9,13760,51161	15,62924	10,86239,48839	0	11
	10	9,13370,42737	15,33472	9,99594,29195	28909	9,13776,13543	15,62382	10,86223,86457	50	
	20	9,13385,75658	15,32921	9,99594,00275	28920	9,13791,75384	15,61841	10,86208,24616	40	
	30	9,13401,08028	15,32370	9,99593,71344	28931	9,13807,36684	15,61300	10,86192,63316	30	
	40	9,13416,39847	15,31819	9,99593,42404	28940	9,13822,97444	15,60760	10,86177,02556	20	
	50	9,13431,71116	15,31269	9,99593,13452	28952	9,13838,57664	15,60220	10,86161,42336	10	
50	0	9,13447,01835	15,30719	9,99592,84491	28961	9,13854,17344	15,59680	10,86145,82656	0	10
			15,30169		28972		15,59141			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,13447,01835	15,30169	9,99592,84491	28972	9,13854,17344	15,59141	10,86145,82656	0	10
	10	9,13462,32004	15,29620	9,99592,55519	28983	9,13869,76485	15,58603	10,86130,23515	50	
	20	9,13477,61624	15,29072	9,99592,26536	28993	9,13885,35088	15,58064	10,86114,64912	40	
	30	9,13492,90696	15,28523	9,99591,97543	29003	9,13900,93152	15,57526	10,86099,06848	30	
	40	9,13508,19219	15,27975	9,99591,68540	29013	9,13916,50678	15,56989	10,86083,49322	20	
	50	9,13523,47194	15,27427	9,99591,39527	29024	9,13932,07667	15,56452	10,86067,92333	10	
51	0	9,13538,74621	15,26880	9,99591,10503	29035	9,13947,64119	15,55914	10,86052,35881	0	9
	10	9,13554,01501	15,26334	9,99590,81468	29045	9,13963,20033	15,55378	10,86036,79967	50	
	20	9,13569,27835	15,25787	9,99590,52423	29055	9,13978,75411	15,54843	10,86021,24589	40	
	30	9,13584,53622	15,25240	9,99590,23368	29066	9,13994,30254	15,54306	10,86005,69746	30	
	40	9,13599,78862	15,24696	9,99589,94302	29076	9,14009,84560	15,53771	10,85990,15440	20	
	50	9,13615,03558	15,24150	9,99589,65226	29086	9,14025,38331	15,53237	10,85974,61669	10	
52	0	9,13630,27708	15,23605	9,99589,36140	29097	9,14040,91568	15,52702	10,85959,08432	0	8
	10	9,13645,51313	15,23060	9,99589,07043	29107	9,14056,44270	15,52167	10,85943,55730	50	
	20	9,13660,74373	15,22516	9,99588,77936	29118	9,14071,96437	15,51634	10,85928,03563	40	
	30	9,13675,96889	15,21973	9,99588,48818	29128	9,14087,48071	15,51101	10,85912,51929	30	
	40	9,13691,18862	15,21429	9,99588,19690	29138	9,14102,99172	15,50567	10,85897,00828	20	
	50	9,13706,40291	15,20886	9,99587,90552	29149	9,14118,49739	15,50035	10,85881,50261	10	
53	0	9,13721,61177	15,20344	9,99587,61403	29160	9,14133,99774	15,49503	10,85866,00226	0	7
	10	9,13736,81521	15,19801	9,99587,32243	29169	9,14149,49277	15,48971	10,85850,50723	50	
	20	9,13752,01322	15,19259	9,99587,03074	29180	9,14164,98248	15,48440	10,85835,01752	40	
	30	9,13767,20581	15,18718	9,99586,73894	29191	9,14180,46688	15,47908	10,85819,53312	30	
	40	9,13782,39299	15,18177	9,99586,44703	29201	9,14195,94596	15,47378	10,85804,05404	20	
	50	9,13797,57476	15,17636	9,99586,15502	29211	9,14211,41974	15,46847	10,85788,58026	10	
54	0	9,13812,75112	15,17096	9,99585,86291	29222	9,14226,88821	15,46317	10,85773,11179	0	6
	10	9,13827,92208	15,16555	9,99585,57069	29232	9,14242,35138	15,45788	10,85757,64862	50	
	20	9,13843,08763	15,16017	9,99585,27837	29242	9,14257,80926	15,45259	10,85742,19074	40	
	30	9,13858,24780	15,15476	9,99584,98595	29253	9,14273,26185	15,44730	10,85726,73815	30	
	40	9,13873,40256	15,14939	9,99584,69342	29263	9,14288,70915	15,44201	10,85711,29085	20	
	50	9,13888,55195	15,14399	9,99584,40079	29274	9,14304,15116	15,43673	10,85695,84884	10	
55	0	9,13903,69594	15,13862	9,99584,10805	29284	9,14319,58789	15,43146	10,85680,41211	0	5
	10	9,13918,83456	15,13323	9,99583,81521	29295	9,14335,01935	15,42618	10,85664,98065	50	
	20	9,13933,96779	15,12787	9,99583,52226	29305	9,14350,44553	15,42092	10,85649,55447	40	
	30	9,13949,09566	15,12249	9,99583,22921	29315	9,14365,86645	15,41564	10,85634,13355	30	
	40	9,13964,21815	15,11713	9,99582,93606	29326	9,14381,28209	15,41039	10,85618,71791	20	
	50	9,13979,33528	15,11177	9,99582,64280	29336	9,14396,69248	15,40513	10,85603,30752	10	
56	0	9,13994,44705	15,10640	9,99582,34944	29347	9,14412,09761	15,39987	10,85587,90239	0	4
	10	9,14009,55345	15,10106	9,99582,05597	29357	9,14427,49748	15,39462	10,85572,50252	50	
	20	9,14024,65451	15,09570	9,99581,76240	29367	9,14442,89210	15,38938	10,85557,10790	40	
	30	9,14039,75021	15,09035	9,99581,46873	29378	9,14458,28148	15,38413	10,85541,71852	30	
	40	9,14054,84056	15,08501	9,99581,17495	29388	9,14473,66561	15,37889	10,85526,33439	20	
	50	9,14069,92557	15,07968	9,99580,88107	29398	9,14489,04450	15,37366	10,85510,95550	10	
57	0	9,14085,00525	15,07433	9,99580,58709	29409	9,14504,41816	15,36842	10,85495,58184	0	3
	10	9,14100,07958	15,06900	9,99580,29300	29420	9,14519,78658	15,36320	10,85480,21342	50	
	20	9,14115,14858	15,06368	9,99579,99880	29430	9,14535,14978	15,35797	10,85464,85022	40	
	30	9,14130,21226	15,05834	9,99579,70450	29440	9,14550,50775	15,35275	10,85449,49225	30	
	40	9,14145,27060	15,05303	9,99579,41010	29451	9,14565,86050	15,34754	10,85434,13950	20	
	50	9,14160,32363	15,04771	9,99579,11559	29461	9,14581,20804	15,34231	10,85418,79196	10	
58	0	9,14175,37134	15,04239	9,99578,82098	29471	9,14596,55035	15,33711	10,85403,44965	0	2
	10	9,14190,41373	15,03709	9,99578,52627	29482	9,14611,88746	15,33191	10,85388,11254	50	
	20	9,14205,45082	15,03178	9,99578,23145	29492	9,14627,21937	15,32670	10,85372,78063	40	
	30	9,14220,48260	15,02647	9,99577,93653	29503	9,14642,54607	15,32150	10,85357,45393	30	
	40	9,14235,50907	15,02118	9,99577,64150	29513	9,14657,86757	15,31630	10,85342,13243	20	
	50	9,14250,53025	15,01588	9,99577,34637	29523	9,14673,18387	15,31112	10,85326,81613	10	
59	0	9,14265,54613	15,01058	9,99577,05114	29534	9,14688,49499	15,30593	10,85311,50501	0	1
	10	9,14280,55671	15,00530	9,99576,75580	29544	9,14703,80092	15,30074	10,85296,19908	50	
	20	9,14295,56201	15,00002	9,99576,46036	29555	9,14719,10166	15,29556	10,85280,89834	40	
	30	9,14310,56203	14,99473	9,99576,16481	29565	9,14734,39722	15,29038	10,85265,60278	30	
	40	9,14325,55676	14,98946	9,99575,86916	29576	9,14749,68760	15,28522	10,85250,31240	20	
	50	9,14340,54622	14,98418	9,99575,57340	29586	9,14764,97282	15,28004	10,85235,02718	10	
60	0	9,14355,53040	14,97891	9,99575,27754	29596	9,14780,25286	15,27487	10,85219,74714	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

8		SINVVM Logarithmi.		Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.			
M	S											
0	0	9,14355,53040		14,97891	9,99575,27754	29596	9,14780,25286	15,27487	10,85219,74714	0	60	
	10	9,14370,50931		14,97365	9,99574,98158	29607	9,14795,52773	15,26972	10,85204,47227	50		
	20	9,14385,48296		14,96838	9,99574,68551	29617	9,14810,79745	15,26455	10,85189,20255	40		
	30	9,14400,45134		14,96312	9,99574,38934	29628	9,14826,06200	15,25940	10,85173,93800	30		
	40	9,14415,41446		14,95787	9,99574,09306	29638	9,14841,32140	15,25425	10,85158,67860	20		
	50	9,14430,37233		14,95262	9,99573,79668	29648	9,14856,57565	15,24910	10,85143,42435	10		
1	0	9,14445,32495		14,94736	9,99573,50020	29659	9,14871,82475	15,24395	10,85128,17525	0	59	
	10	9,14460,27231		14,94213	9,99573,20361	29669	9,14887,06870	15,23882	10,85112,93130	50		
	20	9,14475,21444		14,93688	9,99572,90692	29680	9,14902,30752	15,23368	10,85097,69248	40		
	30	9,14490,15132		14,93164	9,99572,61012	29690	9,14917,54120	15,22854	10,85082,45880	30		
	40	9,14505,08296		14,92641	9,99572,31322	29700	9,14932,76974	15,22341	10,85067,23026	20		
	50	9,14520,00937		14,92118	9,99572,01622	29711	9,14947,99315	15,21829	10,85052,00685	10		
2	0	9,14534,93055		14,91595	9,99571,71911	29721	9,14963,21144	15,21317	10,85036,78856	0	58	
	10	9,14549,84650		14,91073	9,99571,42190	29732	9,14978,42461	15,20804	10,85021,57539	50		
	20	9,14564,75723		14,90551	9,99571,12458	29742	9,14993,63265	15,20293	10,85006,36735	40		
	30	9,14579,66274		14,90030	9,99570,82716	29753	9,15008,83558	15,19782	10,84991,16442	30		
	40	9,14594,56304		14,89508	9,99570,52963	29762	9,15024,03340	15,19271	10,84975,96660	20		
	50	9,14609,45812		14,88987	9,99570,23201	29774	9,15039,22611	15,18761	10,84960,77389	10		
3	0	9,14624,34799		14,88467	9,99569,93427	29784	9,15054,41372	15,18250	10,84945,58628	0	57	
	10	9,14639,23266		14,87946	9,99569,63643	29794	9,15069,59622	15,17741	10,84930,40378	50		
	20	9,14654,11212		14,87427	9,99569,33849	29804	9,15084,77363	15,17231	10,84915,22637	40		
	30	9,14668,98639		14,86907	9,99569,04045	29815	9,15099,94594	15,16723	10,84900,05406	30		
	40	9,14683,85546		14,86388	9,99568,74230	29826	9,15115,11317	15,16213	10,84884,88683	20		
	50	9,14698,71934		14,85870	9,99568,44404	29835	9,15130,27530	15,15705	10,84869,72470	10		
4	0	9,14713,57804		14,85351	9,99568,14569	29847	9,15145,43235	15,15198	10,84854,56765	0	56	
	10	9,14728,43155		14,84833	9,99567,84722	29856	9,15160,58433	15,14689	10,84839,41567	50		
	20	9,14743,27988		14,84315	9,99567,54866	29867	9,15175,73122	15,14182	10,84824,26878	40		
	30	9,14758,12303		14,83798	9,99567,24999	29878	9,15190,87304	15,13676	10,84809,12696	30		
	40	9,14772,96101		14,83281	9,99566,95121	29888	9,15206,00980	15,13169	10,84793,99020	20		
	50	9,14787,79382		14,82764	9,99566,65233	29898	9,15221,14149	15,12662	10,84778,85851	10		
5	0	9,14802,62146		14,82248	9,99566,35335	29909	9,15236,26811	15,12157	10,84763,73189	0	55	
	10	9,14817,44394		14,81733	9,99566,05426	29919	9,15251,38968	15,11651	10,84748,61032	50		
	20	9,14832,26127		14,81216	9,99565,75507	29929	9,15266,50619	15,11146	10,84733,49381	40		
	30	9,14847,07343		14,80701	9,99565,45578	29940	9,15281,61765	15,10642	10,84718,38235	30		
	40	9,14861,88044		14,80187	9,99565,15638	29951	9,15296,72407	15,10136	10,84703,27593	20		
	50	9,14876,68231		14,79672	9,99564,85687	29960	9,15311,82543	15,09633	10,84688,17457	10		
6	0	9,14891,47903		14,79158	9,99564,55727	29971	9,15326,92176	15,09129	10,84673,07824	0	54	
	10	9,14906,27061		14,78644	9,99564,25756	29982	9,15342,01305	15,08626	10,84657,98695	50		
	20	9,14921,05705		14,78130	9,99563,95774	29992	9,15357,09931	15,08122	10,84642,90069	40		
	30	9,14935,83835		14,77617	9,99563,65782	30003	9,15372,18053	15,07620	10,84627,81947	30		
	40	9,14950,61452		14,77105	9,99563,35779	30012	9,15387,25673	15,07117	10,84612,74327	20		
	50	9,14965,38557		14,76592	9,99563,05767	30024	9,15402,32790	15,06616	10,84597,67210	10		
7	0	9,14980,15149		14,76080	9,99562,75743	30033	9,15417,39406	15,06114	10,84582,60594	0	53	
	10	9,14994,91229		14,75569	9,99562,45710	30044	9,15432,45520	15,05612	10,84567,54480	50		
	20	9,15009,66798		14,75057	9,99562,15666	30055	9,15447,51132	15,05112	10,84552,48868	40		
	30	9,15024,41855		14,74546	9,99561,85611	30065	9,15462,56244	15,04610	10,84537,43756	30		
	40	9,15039,16401		14,74035	9,99561,55546	30075	9,15477,60854	15,04111	10,84522,39146	20		
	50	9,15053,90436		14,73525	9,99561,25471	30086	9,15492,64965	15,03611	10,84507,35035	10		
8	0	9,15068,63961		14,73015	9,99560,95385	30096	9,15507,68576	15,03111	10,84492,31424	0	52	
	10	9,15083,36976		14,72505	9,99560,65289	30107	9,15522,71687	15,02612	10,84477,28313	50		
	20	9,15098,09481		14,71996	9,99560,35182	30117	9,15537,74299	15,02113	10,84462,25701	40		
	30	9,15112,81477		14,71487	9,99560,05065	30127	9,15552,76412	15,01614	10,84447,23588	30		
	40	9,15127,52964		14,70979	9,99559,74938	30138	9,15567,78026	15,01117	10,84432,21974	20		
	50	9,15142,23943		14,70470	9,99559,44800	30148	9,15582,79143	15,00618	10,84417,20857	10		
9	0	9,15156,94413		14,69962	9,99559,14652	30159	9,15597,79761	15,00121	10,84402,20239	0	51	
	10	9,15171,64375		14,69455	9,99558,84493	30169	9,15612,79882	14,99624	10,84387,20118	50		
	20	9,15186,33830		14,68948	9,99558,54324	30179	9,15627,79506	14,99127	10,84372,20494	40		
	30	9,15201,02778		14,68440	9,99558,24145	30190	9,15642,78633	14,98630	10,84357,21367	30		
	40	9,15215,71218		14,67934	9,99557,93955	30201	9,15657,77263	14,98135	10,84342,22737	20		
	50	9,15230,39152		14,67428	9,99557,63754	30210	9,15672,75398	14,97638	10,84327,24602	10		
10	0	9,15245,06580		14,66922	9,99557,33544	30222	9,15687,73036	14,97144	10,84312,26964	0	50	
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M	

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,15245,06580		9,99557,33544		9,15687,73036		10,84312,26964	0	50
	10	9,15259,73502	14,66922	9,99557,03322	30222	9,15702,70180	14,97144	10,84297,29820	50	
	20	9,15274,39919	14,66417	9,99556,73091	30231	9,15717,66828	14,96648	10,84282,33172	40	
	30	9,15289,05830	14,65911	9,99556,42849	30242	9,15732,62981	14,96153	10,84267,37019	30	
	40	9,15303,71236	14,65406	9,99556,12596	30253	9,15747,58640	14,95659	10,84252,41360	20	
	50	9,15318,36138	14,64902	9,99555,82334	30262	9,15762,53805	14,95165	10,84237,46195	10	
11	0	9,15333,00536	14,64398	9,99555,52060	30274	9,15777,48476	14,94671	10,84222,51524	0	49
	10	9,15347,64430	14,63894	9,99555,21777	30283	9,15792,42653	14,94177	10,84207,57347	50	
	20	9,15362,27820	14,63390	9,99554,91482	30295	9,15807,36338	14,93685	10,84192,63662	40	
	30	9,15376,90708	14,62888	9,99554,61178	30304	9,15822,29530	14,93192	10,84177,70470	30	
	40	9,15391,53092	14,62384	9,99554,30863	30315	9,15837,22229	14,92699	10,84162,77771	20	
	50	9,15406,14974	14,61882	9,99554,00538	30325	9,15852,14437	14,92208	10,84147,85563	10	
12	0	9,15420,76354	14,61380	9,99553,70202	30336	9,15867,06152	14,91715	10,84132,93848	0	48
	10	9,15435,37232	14,60878	9,99553,39856	30346	9,15881,97377	14,91225	10,84118,02623	50	
	20	9,15449,97609	14,60377	9,99553,09499	30357	9,15896,88110	14,90733	10,84103,11890	40	
	30	9,15464,57485	14,59876	9,99552,79132	30367	9,15911,78353	14,90243	10,84088,21647	30	
	40	9,15479,16860	14,59375	9,99552,48755	30377	9,15926,68105	14,89752	10,84073,31895	20	
	50	9,15493,75734	14,58874	9,99552,18367	30388	9,15941,57367	14,89262	10,84058,42633	10	
13	0	9,15508,34108	14,58374	9,99551,87968	30399	9,15956,46140	14,88773	10,84043,53860	0	47
	10	9,15522,91983	14,57875	9,99551,57560	30408	9,15971,34423	14,88283	10,84028,65577	50	
	20	9,15537,49358	14,57375	9,99551,27140	30420	9,15986,22217	14,87794	10,84013,77783	40	
	30	9,15552,06234	14,56876	9,99550,96711	30429	9,16001,09523	14,87306	10,83998,90477	30	
	40	9,15566,62611	14,56377	9,99550,66271	30440	9,16015,96340	14,86817	10,83984,03660	20	
	50	9,15581,18490	14,55879	9,99550,35821	30450	9,16030,82670	14,86330	10,83969,17330	10	
14	0	9,15595,73871	14,55381	9,99550,05360	30461	9,16045,68511	14,85841	10,83954,31489	0	46
	10	9,15610,28754	14,54883	9,99549,74888	30472	9,16060,53865	14,85354	10,83939,46135	50	
	20	9,15624,83139	14,54385	9,99549,44407	30481	9,16075,38732	14,84867	10,83924,61268	40	
	30	9,15639,37028	14,53889	9,99549,13915	30492	9,16090,23113	14,84381	10,83909,76887	30	
	40	9,15653,90419	14,53391	9,99548,83412	30503	9,16105,07007	14,83894	10,83894,92993	20	
	50	9,15668,43315	14,52896	9,99548,52899	30513	9,16119,90415	14,83408	10,83880,09585	10	
15	0	9,15682,95714	14,52399	9,99548,22376	30523	9,16134,73338	14,82923	10,83865,26662	0	45
	10	9,15697,47617	14,51903	9,99547,91842	30534	9,16149,55775	14,82437	10,83850,44225	50	
	20	9,15711,99025	14,51408	9,99547,61298	30544	9,16164,37727	14,81952	10,83835,62273	40	
	30	9,15726,49938	14,50913	9,99547,30743	30555	9,16179,19195	14,81468	10,83820,80805	30	
	40	9,15741,00356	14,50418	9,99547,00178	30565	9,16194,00178	14,80983	10,83805,99822	20	
	50	9,15755,50280	14,49924	9,99546,69603	30575	9,16208,80677	14,80499	10,83791,19323	10	
16	0	9,15769,99709	14,49429	9,99546,39017	30586	9,16223,60692	14,80015	10,83776,39308	0	44
	10	9,15784,48645	14,48936	9,99546,08420	30597	9,16238,40225	14,79533	10,83761,59775	50	
	20	9,15798,97087	14,48442	9,99545,77814	30606	9,16253,19274	14,79049	10,83746,80726	40	
	30	9,15813,45037	14,47950	9,99545,47197	30617	9,16267,97840	14,78566	10,83732,02160	30	
	40	9,15827,92493	14,47456	9,99545,16569	30628	9,16282,75924	14,78084	10,83717,24076	20	
	50	9,15842,39457	14,46964	9,99544,85931	30638	9,16297,53526	14,77602	10,83702,46474	10	
17	0	9,15856,85929	14,46472	9,99544,55282	30649	9,16312,30646	14,77120	10,83687,69354	0	43
	10	9,15871,31909	14,45980	9,99544,24624	30658	9,16327,07285	14,76639	10,83672,92715	50	
	20	9,15885,77397	14,45488	9,99543,93954	30670	9,16341,83443	14,76158	10,83658,16557	40	
	30	9,15900,22394	14,44997	9,99543,63275	30679	9,16356,59120	14,75677	10,83643,40880	30	
	40	9,15914,66901	14,44507	9,99543,32584	30691	9,16371,34316	14,75196	10,83628,65684	20	
	50	9,15929,10917	14,44016	9,99543,01884	30700	9,16386,09033	14,74717	10,83613,90967	10	
18	0	9,15943,54443	14,43526	9,99542,71173	30711	9,16400,83270	14,74237	10,83599,16730	0	42
	10	9,15957,97479	14,43036	9,99542,40452	30721	9,16415,57027	14,73757	10,83584,42973	50	
	20	9,15972,40025	14,42546	9,99542,09720	30732	9,16430,30306	14,73279	10,83569,69694	40	
	30	9,15986,82083	14,42058	9,99541,78977	30743	9,16445,03105	14,72799	10,83554,96895	30	
	40	9,16001,23651	14,41568	9,99541,48225	30752	9,16459,75426	14,72321	10,83540,24574	20	
	50	9,16015,64731	14,41080	9,99541,17462	30763	9,16474,47269	14,71843	10,83525,52731	10	
19	0	9,16030,05322	14,40591	9,99540,86688	30774	9,16489,18634	14,71365	10,83510,81366	0	41
	10	9,16044,45426	14,40104	9,99540,55904	30784	9,16503,89522	14,70888	10,83496,10478	50	
	20	9,16058,85042	14,39616	9,99540,25110	30794	9,16518,59932	14,70410	10,83481,40068	40	
	30	9,16073,24171	14,39129	9,99539,94305	30805	9,16533,29866	14,69934	10,83466,70134	30	
	40	9,16087,62813	14,38642	9,99539,63490	30815	9,16547,99323	14,69457	10,83452,00677	20	
	50	9,16102,00968	14,38155	9,99539,32664	30826	9,16562,68304	14,68981	10,83437,31696	10	
20	0	9,16116,38637	14,37669	9,99539,01828	30836	9,16577,36809	14,68505	10,83422,63191	0	40
			14,37183		30847		14,68030			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,16116,38637	14,37183	9,99539,01828	30847	9,16577,36809	14,68030	10,83422,63191	0	40
	10	9,16130,75820	14,36698	9,99538,70981	30857	9,16592,04839	14,67554	10,83407,95161	50	
	20	9,16145,12518	14,36212	9,99538,40124	30867	9,16606,72393	14,67080	10,83393,27607	40	
	30	9,16159,48730	14,35727	9,99538,09257	30878	9,16621,39473	14,66605	10,83378,60527	30	
	40	9,16173,84457	14,35242	9,99537,78379	30888	9,16636,06078	14,66131	10,83363,93922	20	
	50	9,16188,19699	14,34759	9,99537,47491	30899	9,16650,72209	14,65656	10,83349,27791	10	
21	0	9,16202,54458	14,34274	9,99537,16592	30909	9,16665,37865	14,65183	10,83334,62135	0	39
	10	9,16216,88732	14,33790	9,99536,85683	30919	9,16680,03048	14,64710	10,83319,96952	50	
	20	9,16231,22522	14,33307	9,99536,54764	30930	9,16694,67758	14,64237	10,83305,32242	40	
	30	9,16245,55829	14,32824	9,99536,23834	30941	9,16709,31995	14,63764	10,83290,68005	30	
	40	9,16259,88653	14,32341	9,99535,92893	30950	9,16723,95759	14,63292	10,83276,04241	20	
	50	9,16274,20994	14,31858	9,99535,61943	30962	9,16738,59051	14,62820	10,83261,40949	10	
22	0	9,16288,52852	14,31377	9,99535,30981	30971	9,16753,21871	14,62348	10,83246,78129	0	38
	10	9,16302,84229	14,30894	9,99535,00010	30982	9,16767,84219	14,61877	10,83232,15781	50	
	20	9,16317,15123	14,30413	9,99534,69028	30993	9,16782,46096	14,61405	10,83217,53904	40	
	30	9,16331,45536	14,29932	9,99534,38035	31003	9,16797,07501	14,60935	10,83202,92499	30	
	40	9,16345,75468	14,29452	9,99534,07032	31013	9,16811,68436	14,60465	10,83188,31564	20	
	50	9,16360,04920	14,28970	9,99533,76019	31024	9,16826,28901	14,59994	10,83173,71099	10	
23	0	9,16374,33890	14,28490	9,99533,44995	31034	9,16840,88895	14,59525	10,83159,11105	0	37
	10	9,16388,62380	14,28011	9,99533,13961	31045	9,16855,48420	14,59055	10,83144,51580	50	
	20	9,16402,90391	14,27531	9,99532,82916	31055	9,16870,07475	14,58586	10,83129,92525	40	
	30	9,16417,17922	14,27051	9,99532,51861	31066	9,16884,66061	14,58117	10,83115,33939	30	
	40	9,16431,44973	14,26573	9,99532,20795	31076	9,16899,24178	14,57648	10,83100,75822	20	
	50	9,16445,71546	14,26094	9,99531,89719	31086	9,16913,81826	14,57181	10,83086,18174	10	
24	0	9,16459,97640	14,25615	9,99531,58633	31097	9,16928,39007	14,56712	10,83071,60993	0	36
	10	9,16474,23255	14,25138	9,99531,27536	31107	9,16942,95719	14,56245	10,83057,04281	50	
	20	9,16488,48393	14,24660	9,99530,96429	31118	9,16957,51964	14,55778	10,83042,48036	40	
	30	9,16502,73053	14,24182	9,99530,65311	31128	9,16972,07742	14,55310	10,83027,92258	30	
	40	9,16516,97235	14,23706	9,99530,34183	31138	9,16986,63052	14,54844	10,83013,36948	20	
	50	9,16531,20941	14,23228	9,99530,03045	31149	9,17001,17896	14,54378	10,82998,82104	10	
25	0	9,16545,44169	14,22753	9,99529,71896	31160	9,17015,72274	14,53911	10,82984,27726	0	35
	10	9,16559,66922	14,22276	9,99529,40736	31170	9,17030,26185	14,53446	10,82969,73815	50	
	20	9,16573,89198	14,21800	9,99529,09566	31180	9,17044,79631	14,52981	10,82955,20369	40	
	30	9,16588,10998	14,21324	9,99528,78386	31190	9,17059,32612	14,52515	10,82940,67388	30	
	40	9,16602,32322	14,20850	9,99528,47196	31202	9,17073,85127	14,52050	10,82926,14873	20	
	50	9,16616,53172	14,20374	9,99528,15994	31211	9,17088,37177	14,51587	10,82911,62823	10	
26	0	9,16630,73546	14,19900	9,99527,84783	31222	9,17102,88764	14,51121	10,82897,11236	0	34
	10	9,16644,93446	14,19426	9,99527,53561	31233	9,17117,39885	14,50659	10,82882,60115	50	
	20	9,16659,12872	14,18952	9,99527,22328	31242	9,17131,90544	14,50194	10,82868,09456	40	
	30	9,16673,31824	14,18478	9,99526,91086	31254	9,17146,40738	14,49731	10,82853,59262	30	
	40	9,16687,50302	14,18004	9,99526,59832	31263	9,17160,90469	14,49269	10,82839,09531	20	
	50	9,16701,68306	14,17532	9,99526,28569	31275	9,17175,39738	14,48806	10,82824,60262	10	
27	0	9,16715,85838	14,17059	9,99525,97294	31284	9,17189,88544	14,48343	10,82810,11456	0	33
	10	9,16730,02897	14,16586	9,99525,66010	31295	9,17204,36887	14,47882	10,82795,63113	50	
	20	9,16744,19483	14,16115	9,99525,34715	31306	9,17218,84769	14,47419	10,82781,15231	40	
	30	9,16758,35598	14,15642	9,99525,03409	31316	9,17233,32188	14,46959	10,82766,67812	30	
	40	9,16772,51240	14,15171	9,99524,72093	31326	9,17247,79147	14,46497	10,82752,20853	20	
	50	9,16786,66411	14,14700	9,99524,40767	31337	9,17262,25644	14,46037	10,82737,74356	10	
28	0	9,16800,81111	14,14229	9,99524,09430	31347	9,17276,71681	14,45576	10,82723,28319	0	32
	10	9,16814,95340	14,13759	9,99523,78083	31357	9,17291,17257	14,45116	10,82708,82743	50	
	20	9,16829,09099	14,13288	9,99523,46726	31369	9,17305,62373	14,44656	10,82694,37627	40	
	30	9,16843,22387	14,12818	9,99523,15357	31378	9,17320,07029	14,44197	10,82679,92971	30	
	40	9,16857,35205	14,12348	9,99522,83979	31389	9,17334,51226	14,43737	10,82665,48774	20	
	50	9,16871,47553	14,11879	9,99522,52590	31399	9,17348,94963	14,43279	10,82651,05037	10	
29	0	9,16885,59432	14,11411	9,99522,21191	31410	9,17363,38242	14,42820	10,82636,61758	0	31
	10	9,16899,70843	14,10941	9,99521,89781	31420	9,17377,81062	14,42361	10,82622,18938	50	
	20	9,16913,81784	14,10473	9,99521,58361	31431	9,17392,23423	14,41904	10,82607,76577	40	
	30	9,16927,92257	14,10004	9,99521,26930	31441	9,17406,65327	14,41446	10,82593,34673	30	
	40	9,16942,02261	14,09537	9,99520,95489	31452	9,17421,06773	14,40988	10,82578,93227	20	
	50	9,16956,11798	14,09070	9,99520,64037	31462	9,17435,47761	14,40531	10,82564,52239	10	
30	0	9,16970,20868	14,08602	9,99520,32575	31472	9,17449,88292	14,40075	10,82550,11708	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,16970,20868		9,99520,32575		9,17449,88292		10,82550,11708	o	30
	10	9,16984,29470	14,08602	9,99520,01103	31472	9,17464,28367	14,40075	10,82535,71633	50	
	20	9,16998,37605	14,08135	9,99519,69620	31483	9,17478,67985	14,39618	10,82521,32015	40	
	30	9,17012,45274	14,07669	9,99519,38127	31493	9,17493,07147	14,39162	10,82506,92853	30	
	40	9,17026,52476	14,07202	9,99519,06623	31504	9,17507,45853	14,38706	10,82492,54147	20	
	50	9,17040,59212	14,06736	9,99518,75109	31514	9,17521,84103	14,38250	10,82478,15897	10	
31	0	9,17054,65483	14,06271	9,99518,43584	31525	9,17536,21898	14,37795	10,82463,78102	o	29
			14,05805		31535		14,37341			
	10	9,17068,71288		9,99518,12049	31545	9,17550,59239		10,82449,40761	50	
	20	9,17082,76628	14,05340	9,99517,80504	31545	9,17564,96124	14,36885	10,82435,03876	40	
	30	9,17096,81503	14,04875	9,99517,48948	31556	9,17579,32555	14,36431	10,82420,67445	30	
	40	9,17110,85914	14,04411	9,99517,17382	31566	9,17593,68532	14,35977	10,82406,31468	20	
	50	9,17124,89860	14,03946	9,99516,85805	31577	9,17608,04055	14,35523	10,82391,95945	10	
32	0	9,17138,93343	14,03483	9,99516,54218	31587	9,17622,39125	14,35070	10,82377,60875	o	28
			14,03019		31598		14,34617			
	10	9,17152,96362	14,02555	9,99516,22620	31608	9,17636,73742	14,34163	10,82363,26258	50	
	20	9,17166,98917	14,02093	9,99515,91012	31619	9,17651,07905	14,33712	10,82348,92095	40	
	30	9,17181,01010	14,01630	9,99515,59393	31629	9,17665,41617	14,33258	10,82334,58383	30	
	40	9,17195,02640	14,01167	9,99515,27764	31639	9,17679,74875	14,32807	10,82320,25125	20	
	50	9,17209,03807	14,00706	9,99514,96125	31650	9,17694,07682	14,32355	10,82305,92318	10	
33	0	9,17223,04513	14,00243	9,99514,64475	31660	9,17708,40037	14,31904	10,82291,59963	o	27
							14,31453			
	10	9,17237,04756	13,99782	9,99514,32815	31671	9,17722,71941	14,31002	10,82277,28059	50	
	20	9,17251,04538	13,99321	9,99514,01144	31681	9,17737,03394	14,30551	10,82262,96606	40	
	30	9,17265,03859	13,98860	9,99513,69463	31692	9,17751,34396	14,30102	10,82248,65604	30	
	40	9,17279,02719	13,98399	9,99513,37771	31702	9,17765,64947	14,30102	10,82234,35053	20	
	50	9,17293,01118	13,97939	9,99513,06069	31712	9,17779,95049	14,29651	10,82220,04951	10	
34	0	9,17306,99057	13,97479	9,99512,74357	31723	9,17794,24700	14,29202	10,82205,75300	o	26
							14,28752			
	10	9,17320,96536	13,97019	9,99512,42634	31733	9,17808,53902	14,28304	10,82191,46098	50	
	20	9,17334,93555	13,96560	9,99512,10901	31744	9,17822,82654	14,27855	10,82177,17346	40	
	30	9,17348,90115	13,96100	9,99511,79157	31754	9,17837,10958	14,27406	10,82162,89042	30	
	40	9,17362,86215	13,95642	9,99511,47403	31765	9,17851,38813	14,26958	10,82148,61187	20	
	50	9,17376,81857	13,95183	9,99511,15638	31775	9,17865,66219	14,26511	10,82134,33781	10	
35	0	9,17390,77040	13,94725	9,99510,83863	31786	9,17879,93177	14,26062	10,82120,06823	o	25
							14,25616			
	10	9,17404,71765	13,94267	9,99510,52077	31796	9,17894,19688	14,25169	10,82105,80312	50	
	20	9,17418,66032	13,93809	9,99510,20281	31806	9,17908,45750	14,24722	10,82091,54250	40	
	30	9,17432,59841	13,93352	9,99509,88475	31817	9,17922,71366	14,24275	10,82077,28634	30	
	40	9,17446,53193	13,92894	9,99509,56658	31827	9,17936,96535	14,23830	10,82063,03465	20	
	50	9,17460,46087	13,92438	9,99509,24831	31838	9,17951,21257	14,23384	10,82048,78743	10	
36	0	9,17474,38525	13,91982	9,99508,92993	31848	9,17965,45532	14,22938	10,82034,54468	o	24
							14,22493			
	10	9,17488,30507	13,91525	9,99508,61145	31859	9,17979,69362	14,22049	10,82020,30638	50	
	20	9,17502,22032	13,91069	9,99508,29286	31869	9,17993,92746	14,21603	10,82006,07254	40	
	30	9,17516,13101	13,90614	9,99507,97417	31880	9,18008,15684	14,21160	10,81991,84316	30	
	40	9,17530,03715	13,90158	9,99507,65537	31890	9,18022,38177	14,20715	10,81977,61823	20	
	50	9,17543,93873	13,89703	9,99507,33647	31900	9,18036,60226	14,20271	10,81963,39774	10	
37	0	9,17557,83576	13,89249	9,99507,01747	31911	9,18050,81829	14,19829	10,81949,18171	o	23
							14,19385			
	10	9,17571,72825	13,88794	9,99506,69836	31921	9,18065,02989	14,18942	10,81934,97011	50	
	20	9,17585,61619	13,88340	9,99506,37915	31932	9,18079,23704	14,18499	10,81920,76296	40	
	30	9,17599,49959	13,87886	9,99506,05983	31942	9,18093,43975	14,18058	10,81906,56025	30	
	40	9,17613,37845	13,87432	9,99505,74041	31953	9,18107,63804	14,17615	10,81892,36196	20	
	50	9,17627,25277	13,86979	9,99505,42088	31963	9,18121,83189	14,17174	10,81878,16811	10	
38	0	9,17641,12256	13,86526	9,99505,10125	31973	9,18136,02131	14,16732	10,81863,97869	o	22
							14,16291			
	10	9,17654,98782	13,86073	9,99504,78152	31984	9,18150,20630	14,15850	10,81849,79370	50	
	20	9,17668,84855	13,85621	9,99504,46168	31995	9,18164,38688	14,15410	10,81835,61312	40	
	30	9,17682,70476	13,85169	9,99504,14173	32004	9,18178,56303	14,14969	10,81821,43697	30	
	40	9,17696,55645	13,84717	9,99503,82169	32016	9,18192,73477	14,14530	10,81807,26523	20	
	50	9,17710,40362	13,84265	9,99503,50153	32026	9,18206,90209	14,14089	10,81793,09791	10	
39	0	9,17724,24627	13,83814	9,99503,18127	32036	9,18221,06500	14,13651	10,81778,93500	o	21
							14,13211			
	10	9,17738,08441	13,83363	9,99502,86091	32046	9,18235,22350		10,81764,77650	50	
	20	9,17751,91804	13,82913	9,99502,54045	32057	9,18249,37760		10,81750,62240	40	
	30	9,17765,74717	13,82462	9,99502,21988	32068	9,18263,52729		10,81736,47271	30	
	40	9,17779,57179	13,82011	9,99501,89920	32078	9,18277,67259		10,81722,32741	20	
	50	9,17793,39190	13,81562	9,99501,57842	32088	9,18291,81348		10,81708,18652	10	
40	0	9,17807,20752	13,81113	9,99501,25754	32099	9,18305,94999		10,81694,05001	o	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,17807,20752		9,99501,25754		9,18305,94999		10,81694,05001	0	20
	10	9,17821,01865	13,81113	9,99500,93655	32099	9,18320,08210	14,13211	10,81679,91790	50	
	20	9,17834,82528	13,80663	9,99500,61546	32109	9,18334,20982	14,12772	10,81665,79018	40	
	30	9,17848,62742	13,80214	9,99500,29426	32120	9,18348,33316	14,12334	10,81651,66684	30	
	40	9,17862,42507	13,79765	9,99499,97296	32130	9,18362,45212	14,11896	10,81637,54788	20	
	50	9,17876,21824	13,79317	9,99499,65155	32141	9,18376,56669	14,11457	10,81623,43331	10	
41	0	9,17890,00693	13,78869	9,99499,33004	32151	9,18390,67689	14,11020	10,81609,32311	0	19
	10	9,17903,79114	13,78421	9,99499,00843	32161	9,18404,78272	14,10583	10,81595,21728	50	
	20	9,17917,57088	13,77974	9,99498,68671	32172	9,18418,88417	14,10145	10,81581,11583	40	
	30	9,17931,34614	13,77526	9,99498,36488	32183	9,18432,98126	14,09709	10,81567,01874	30	
	40	9,17945,11693	13,77079	9,99498,04295	32193	9,18447,07398	14,09272	10,81552,92602	20	
	50	9,17958,88325	13,76632	9,99497,72092	32203	9,18461,16233	14,08835	10,81538,83767	10	
42	0	9,17972,64511	13,76186	9,99497,39878	32214	9,18475,24633	14,08400	10,81524,75367	0	18
	10	9,17986,40251	13,75740	9,99497,07654	32224	9,18489,32597	14,07964	10,81510,67403	50	
	20	9,18000,15545	13,75294	9,99496,75419	32235	9,18503,40126	14,07529	10,81496,59874	40	
	30	9,18013,90394	13,74849	9,99496,43174	32245	9,18517,47219	14,07093	10,81482,52781	30	
	40	9,18027,64797	13,74403	9,99496,10919	32255	9,18531,53878	14,06659	10,81468,46122	20	
	50	9,18041,38755	13,73958	9,99495,78653	32266	9,18545,60102	14,06224	10,81454,39898	10	
43	0	9,18055,12268	13,73513	9,99495,46376	32277	9,18559,65892	14,05790	10,81440,34108	0	17
	10	9,18068,85337	13,73069	9,99495,14090	32286	9,18573,71247	14,05355	10,81426,28753	50	
	20	9,18082,57962	13,72625	9,99494,81792	32298	9,18587,76169	14,04922	10,81412,23831	40	
	30	9,18096,30142	13,72180	9,99494,49484	32308	9,18601,80658	14,04489	10,81398,19342	30	
	40	9,18110,01879	13,71737	9,99494,17166	32318	9,18615,84713	14,04055	10,81384,15287	20	
	50	9,18123,73173	13,71294	9,99493,84838	32328	9,18629,88336	14,03623	10,81370,11664	10	
44	0	9,18137,44024	13,70851	9,99493,52498	32340	9,18643,91526	14,03190	10,81356,08474	0	16
	10	9,18151,14432	13,70408	9,99493,20149	32349	9,18657,94283	14,02757	10,81342,05717	50	
	20	9,18164,84398	13,69966	9,99492,87789	32360	9,18671,96609	14,02326	10,81328,03391	40	
	30	9,18178,53921	13,69523	9,99492,55418	32371	9,18685,98503	14,01894	10,81314,01497	30	
	40	9,18192,23002	13,69081	9,99492,23037	32381	9,18699,99965	14,01462	10,81300,00035	20	
	50	9,18205,91642	13,68640	9,99491,90646	32391	9,18714,00996	14,01031	10,81285,99004	10	
45	0	9,18219,59840	13,68198	9,99491,58244	32402	9,18728,01596	14,00600	10,81271,98404	0	15
	10	9,18233,27597	13,67757	9,99491,25832	32412	9,18742,01765	14,00169	10,81257,98235	50	
	20	9,18246,94914	13,67317	9,99490,93409	32423	9,18756,01504	13,99739	10,81243,98496	40	
	30	9,18260,61790	13,66876	9,99490,60976	32433	9,18770,00813	13,99309	10,81229,99187	30	
	40	9,18274,28225	13,66435	9,99490,28533	32443	9,18783,99693	13,98880	10,81216,00307	20	
	50	9,18287,94221	13,65996	9,99489,96078	32455	9,18797,98142	13,98449	10,81202,01858	10	
46	0	9,18301,59777	13,65556	9,99489,63614	32464	9,18811,96163	13,98021	10,81188,03837	0	14
	10	9,18315,24893	13,65116	9,99489,31139	32475	9,18825,93754	13,97591	10,81174,06246	50	
	20	9,18328,89570	13,64677	9,99488,98654	32485	9,18839,90917	13,97163	10,81160,09083	40	
	30	9,18342,53808	13,64238	9,99488,66158	32496	9,18853,87651	13,96734	10,81146,12349	30	
	40	9,18356,17608	13,63800	9,99488,33651	32507	9,18867,83957	13,96306	10,81132,16043	20	
	50	9,18369,80970	13,63362	9,99488,01135	32516	9,18881,79835	13,95878	10,81118,20165	10	
47	0	9,18383,43893	13,62923	9,99487,68607	32528	9,18895,75285	13,95450	10,81104,24715	0	13
	10	9,18397,06378	13,62485	9,99487,36070	32537	9,18909,70309	13,95024	10,81090,29691	50	
	20	9,18410,68426	13,62048	9,99487,03522	32548	9,18923,64905	13,94596	10,81076,35095	40	
	30	9,18424,30037	13,61611	9,99486,70963	32559	9,18937,59074	13,94169	10,81062,40926	30	
	40	9,18437,91211	13,61174	9,99486,38394	32569	9,18951,52817	13,93743	10,81048,47183	20	
	50	9,18451,51948	13,60737	9,99486,05815	32579	9,18965,46134	13,93317	10,81034,53866	10	
48	0	9,18465,12249	13,60301	9,99485,73225	32590	9,18979,39024	13,92890	10,81020,60976	0	12
	10	9,18478,72113	13,59864	9,99485,40624	32601	9,18993,31489	13,92465	10,81006,68511	50	
	20	9,18492,31542	13,59429	9,99485,08013	32611	9,19007,23529	13,92040	10,80992,76471	40	
	30	9,18505,90535	13,58993	9,99484,75392	32621	9,19021,15143	13,91614	10,80978,84857	30	
	40	9,18519,49093	13,58558	9,99484,42760	32632	9,19035,06332	13,91189	10,80964,93668	20	
	50	9,18533,07216	13,58123	9,99484,10118	32642	9,19048,97097	13,90765	10,80951,02903	10	
49	0	9,18546,64903	13,57687	9,99483,77466	32652	9,19062,87438	13,90341	10,80937,12562	0	11
	10	9,18560,22157	13,57254	9,99483,44802	32664	9,19076,77354	13,89916	10,80923,22646	50	
	20	9,18573,78976	13,56819	9,99483,12129	32673	9,19090,66847	13,89493	10,80909,33153	40	
	30	9,18587,35361	13,56385	9,99482,79445	32684	9,19104,55916	13,89069	10,80895,44084	30	
	40	9,18600,91313	13,55952	9,99482,46750	32695	9,19118,44562	13,88646	10,80881,55438	20	
	50	9,18614,46831	13,55518	9,99482,14045	32705	9,19132,32785	13,88223	10,80867,67215	10	
50	0	9,18628,01916	13,55085	9,99481,81330	32715	9,19146,20586	13,87801	10,80853,79414	0	10
			13,54652		32726		13,87377			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,18628,01916		9,99481,81330		9,19146,20586		10,80853,79414	0	10
	10	9,18641,56568	13,54652	9,99481,48604	32726	9,19160,07963	13,87377	10,80839,92037	50	
	20	9,18655,10787	13,54219	9,99481,15868	32736	9,19173,94919	13,86956	10,80826,05081	40	
	30	9,18668,64574	13,53787	9,99480,83121	32747	9,19187,81453	13,86534	10,80812,18547	30	
	40	9,18682,17929	13,53355	9,99480,50364	32757	9,19201,67565	13,86112	10,80798,32435	20	
	50	9,18695,70852	13,52923	9,99480,17596	32768	9,19215,53256	13,85691	10,80784,46744	10	
51	0	9,18709,23344	13,52492	9,99479,84818	32778	9,19229,38526	13,85270	10,80770,61474	0	9
	10	9,18722,75404	13,52060	9,99479,52030	32788	9,19243,23374	13,84848	10,80756,76626	50	
	20	9,18736,27034	13,51630	9,99479,19231	32799	9,19257,07803	13,84429	10,80742,92197	40	
	30	9,18749,78232	13,51198	9,99478,86421	32810	9,19270,91811	13,84008	10,80729,08189	30	
	40	9,18763,29000	13,50768	9,99478,53601	32820	9,19284,75399	13,83588	10,80715,24601	20	
	50	9,18776,79338	13,50338	9,99478,20771	32830	9,19298,58567	13,83168	10,80701,41433	10	
52	0	9,18790,29246	13,49908	9,99477,87930	32841	9,19312,41316	13,82749	10,80687,58684	0	8
	10	9,18803,78725	13,49479	9,99477,55079	32851	9,19326,23646	13,82330	10,80673,76354	50	
	20	9,18817,27774	13,49049	9,99477,22217	32862	9,19340,05557	13,81911	10,80659,94443	40	
	30	9,18830,76394	13,48620	9,99476,89345	32872	9,19353,87049	13,81492	10,80646,12951	30	
	40	9,18844,24585	13,48191	9,99476,56462	32883	9,19367,68122	13,81073	10,80632,31878	20	
	50	9,18857,72347	13,47762	9,99476,23569	32893	9,19381,48778	13,80656	10,80618,51222	10	
53	0	9,18871,19681	13,47334	9,99475,90666	32903	9,19395,29015	13,80237	10,80604,70985	0	7
	10	9,18884,66587	13,46906	9,99475,57752	32914	9,19409,08835	13,79820	10,80590,91165	50	
	20	9,18898,13065	13,46478	9,99475,24827	32925	9,19422,88238	13,79403	10,80577,11762	40	
	30	9,18911,59116	13,46051	9,99474,91892	32935	9,19436,67224	13,78986	10,80563,32776	30	
	40	9,18925,04739	13,45623	9,99474,58947	32945	9,19450,45793	13,78569	10,80549,54207	20	
	50	9,18938,49936	13,45197	9,99474,25991	32956	9,19464,23945	13,78152	10,80535,76055	10	
54	0	9,18951,94705	13,44769	9,99473,93025	32966	9,19478,01681	13,77736	10,80521,98319	0	6
	10	9,18965,39048	13,44343	9,99473,60048	32977	9,19491,79001	13,77320	10,80508,20999	50	
	20	9,18978,82965	13,43917	9,99473,27061	32987	9,19505,55905	13,76904	10,80494,44095	40	
	30	9,18992,26456	13,43491	9,99472,94063	32998	9,19519,32394	13,76489	10,80480,67606	30	
	40	9,19005,69522	13,43066	9,99472,61055	33008	9,19533,08467	13,76073	10,80466,91533	20	
	50	9,19019,12162	13,42640	9,99472,28036	33019	9,19546,84126	13,75659	10,80453,15874	10	
55	0	9,19032,54376	13,42214	9,99471,95007	33029	9,19560,59369	13,75243	10,80439,40631	0	5
	10	9,19045,96166	13,41790	9,99471,61967	33040	9,19574,34199	13,74830	10,80425,65801	50	
	20	9,19059,37531	13,41365	9,99471,28917	33050	9,19588,08614	13,74415	10,80411,91386	40	
	30	9,19072,78472	13,40941	9,99470,95857	33060	9,19601,82615	13,74001	10,80398,17385	30	
	40	9,19086,18989	13,40517	9,99470,62786	33071	9,19615,56203	13,73588	10,80384,43797	20	
	50	9,19099,59082	13,40093	9,99470,29705	33081	9,19629,29377	13,73174	10,80370,70623	10	
56	0	9,19112,98751	13,39669	9,99469,96613	33092	9,19643,02138	13,72761	10,80356,97862	0	4
	10	9,19126,37997	13,39246	9,99469,63511	33102	9,19656,74486	13,72348	10,80343,25514	50	
	20	9,19139,76820	13,38823	9,99469,30398	33113	9,19670,46422	13,71936	10,80329,53578	40	
	30	9,19153,15220	13,38400	9,99468,97275	33123	9,19684,17945	13,71523	10,80315,82055	30	
	40	9,19166,53198	13,37978	9,99468,64141	33134	9,19697,89057	13,71112	10,80302,10943	20	
	50	9,19179,90753	13,37555	9,99468,30997	33144	9,19711,59756	13,70699	10,80288,40244	10	
57	0	9,19193,27886	13,37133	9,99467,97842	33155	9,19725,30044	13,70288	10,80274,69956	0	3
	10	9,19206,64598	13,36712	9,99467,64677	33165	9,19738,99920	13,69876	10,80261,00080	50	
	20	9,19220,00888	13,36290	9,99467,31502	33175	9,19752,69386	13,69466	10,80247,30614	40	
	30	9,19233,36756	13,35868	9,99466,98316	33186	9,19766,38441	13,69055	10,80233,61559	30	
	40	9,19246,72204	13,35448	9,99466,65119	33197	9,19780,07085	13,68644	10,80219,92915	20	
	50	9,19260,07231	13,35027	9,99466,31912	33207	9,19793,75319	13,68234	10,80206,24681	10	
58	0	9,19273,41838	13,34607	9,99465,98695	33217	9,19807,43143	13,67824	10,80192,56857	0	2
	10	9,19286,76024	13,34186	9,99465,65467	33228	9,19821,10557	13,67414	10,80178,89443	50	
	20	9,19300,09790	13,33766	9,99465,32229	33238	9,19834,77561	13,67004	10,80165,22439	40	
	30	9,19313,43137	13,33347	9,99464,98980	33249	9,19848,44157	13,66596	10,80151,55843	30	
	40	9,19326,76064	13,32927	9,99464,65721	33259	9,19862,10343	13,66186	10,80137,89657	20	
	50	9,19340,08572	13,32508	9,99464,32451	33270	9,19875,76121	13,65778	10,80124,23879	10	
59	0	9,19353,40662	13,32090	9,99463,99171	33280	9,19889,41490	13,65369	10,80110,58510	0	1
	10	9,19366,72332	13,31670	9,99463,65881	33290	9,19903,06451	13,64961	10,80096,93549	50	
	20	9,19380,03584	13,31252	9,99463,32580	33301	9,19916,71005	13,64554	10,80083,28995	40	
	30	9,19393,34418	13,30834	9,99462,99268	33312	9,19930,35150	13,64145	10,80069,64850	30	
	40	9,19406,64834	13,30416	9,99462,65946	33322	9,19943,98888	13,63738	10,80056,01112	20	
	50	9,19419,94833	13,29999	9,99462,32614	33332	9,19957,62219	13,63331	10,80042,37781	10	
60	0	9,19433,24414	13,29581	9,99461,99271	33343	9,19971,25143	13,62924	10,80028,74857	0	0
			13,29163		33354		13,62517			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,19433,24414		9,99461,99271		9,19971,25143		10,80028,74857	o	60
	10	9,19446,53577	13,29163	9,99461,65917	33354	9,19984,87660	13,62517	10,80015,12340	50	
	20	9,19459,82324	13,28747	9,99461,32553	33364	9,19998,49771	13,62111	10,80001,50229	40	
	30	9,19473,10655	13,28331	9,99460,99179	33374	9,20012,11476	13,61705	10,79987,88524	30	
	40	9,19486,38569	13,27914	9,99460,65794	33385	9,20025,72775	13,61299	10,79974,27225	20	
	50	9,19499,66067	13,27498	9,99460,32399	33395	9,20039,33668	13,60893	10,79960,66332	10	
1	0	9,19512,93149	13,27082	9,99459,98993	33406	9,20052,94156	13,60488	10,79947,05844	o	59
			13,26666		33416		13,60082			
	10	9,19526,19815	13,26252	9,99459,65577	33426	9,20066,54238	13,59678	10,79933,45762	50	
	20	9,19539,46067	13,25836	9,99459,32151	33437	9,20080,13916	13,59273	10,79919,86084	40	
	30	9,19552,71903	13,25421	9,99458,98714	33448	9,20093,73189	13,58869	10,79906,26811	30	
	40	9,19565,97324	13,25006	9,99458,65266	33458	9,20107,32058	13,58464	10,79892,67942	20	
	50	9,19579,22330	13,24593	9,99458,31808	33469	9,20120,90522	13,58061	10,79879,09478	10	
2	0	9,19592,46923	13,24178	9,99457,98339	33479	9,20134,48583	13,57657	10,79865,51417	o	58
			13,23764		33489		13,57254			
	10	9,19605,71101	13,23351	9,99457,31371	33500	9,20161,63494	13,56851	10,79851,93760	50	
	20	9,19618,94865	13,22938	9,99456,97871	33510	9,20175,20345	13,56448	10,79838,36506	40	
	30	9,19632,18216	13,22524	9,99456,64361	33521	9,20188,76793	13,56045	10,79824,79655	30	
	40	9,19645,41154	13,22112	9,99456,30840	33531	9,20202,32838	13,55643	10,79811,23207	20	
	50	9,19658,63678	13,21699	9,99455,97309	33542	9,20215,88481	13,55241	10,79797,67162	10	
3	0	9,19671,85790	13,21286	9,99455,63767	33552	9,20229,43722	13,54839	10,79784,11519	o	57
			13,20875		33563		13,54437			
	10	9,19685,07489	13,20463	9,99455,30215	33573	9,20242,98561	13,54036	10,79770,56278	50	
	20	9,19698,28775	13,20051	9,99454,96652	33584	9,20256,52998	13,53635	10,79757,01439	40	
	30	9,19711,49650	13,19640	9,99454,63079	33594	9,20270,07034	13,53234	10,79743,47002	30	
	40	9,19724,70113	13,19229	9,99454,29495	33604	9,20283,60669	13,52833	10,79729,92966	20	
	50	9,19737,90164	13,18818	9,99453,95901	33615	9,20297,13903	13,52433	10,79716,39331	10	
4	0	9,19751,09804	13,18407	9,99453,62297	33626	9,20310,66736	13,52033	10,79702,86097	o	56
			13,17997		33636		13,51633			
	10	9,19764,29033	13,17588	9,99452,95056	33646	9,20324,19169	13,51234	10,79689,33264	50	
	20	9,19777,47851	13,17177	9,99452,61420	33657	9,20337,71202	13,50834	10,79675,80831	40	
	30	9,19790,66258	13,16768	9,99452,27774	33668	9,20351,22835	13,50435	10,79662,28798	30	
	40	9,19803,84255	13,16358	9,99451,94117	33677	9,20364,74069	13,50036	10,79648,77165	20	
	50	9,19817,01843	13,15949	9,99451,60449	33689	9,20378,24903	13,49638	10,79635,25931	10	
5	0	9,19830,19020	13,15541	9,99451,26772	33699	9,20391,75338	13,49239	10,79621,75097	o	55
			13,15132		33709		13,48841			
	10	9,19843,35788	13,14723	9,99450,93083	33719	9,20405,25374	13,48444	10,79608,24662	50	
	20	9,19856,52146	13,14316	9,99450,59384	33731	9,20418,75012	13,48045	10,79594,74626	40	
	30	9,19869,68095	13,13907	9,99450,25675	33740	9,20432,24251	13,47649	10,79581,24988	30	
	40	9,19882,83636	13,13500	9,99449,91956	33751	9,20445,73092	13,47251	10,79567,75749	20	
	50	9,19895,98768	13,13093	9,99449,58225	33762	9,20459,21536	13,46854	10,79554,26908	10	
6	0	9,19909,13491	13,12686	9,99448,90734	33772	9,20472,69581	13,46458	10,79540,78464	o	54
			13,12278		33783		13,46061			
	10	9,19922,27807	13,11872	9,99448,56972	33793	9,20486,17230	13,45665	10,79527,30419	50	
	20	9,19935,41714	13,11466	9,99448,23200	33803	9,20499,64481	13,45269	10,79513,82770	40	
	30	9,19948,55214	13,11060	9,99447,89417	33814		13,44874	10,79500,35519	30	
	40	9,19961,68307	13,10654	9,99447,55624	33824	9,20513,11335	13,44478	10,79486,88665	20	
	50	9,19974,80993	13,10248	9,99447,21821	33835	9,20526,57793	13,44083	10,79473,42207	10	
7	0	9,19987,93271	13,09843	9,99446,88007	33846	9,20540,03854	13,43688	10,79460,15860	o	53
			13,09437		33856		13,43294			
	10	9,20001,05143	13,09033	9,99446,54183	33866	9,20553,49519	13,42899	10,79446,50481	50	
	20	9,20014,16609	13,08628	9,99446,20348	33877	9,20566,94788	13,42505	10,79433,05212	40	
	30	9,20027,27669	13,08224	9,99445,86502	33887	9,20580,39662	13,42111	10,79419,60338	30	
	40	9,20040,38323	13,07819	9,99445,52646	33898	9,20593,84140	13,41717	10,79406,15860	20	
	50	9,20053,48571	13,07416	9,99445,18780	33908	9,20607,28223	13,41324	10,79392,71777	10	
8	0	9,20066,58414	13,07012	9,99445,84903	33919	9,20620,71911	13,40930	10,79379,28089	o	52
			13,06608		33929		13,40538			
	10	9,20079,67851	13,06206	9,99444,51016	33939	9,20634,15205	13,40145	10,79365,84795	50	
	20	9,20092,76884	13,05802	9,99444,21821	33950	9,20647,58104	13,39752	10,79352,41896	40	
	30	9,20105,85512	13,05400	9,99444,88007	33961	9,20661,00609	13,39361	10,79338,99391	30	
	40	9,20118,93736	13,04997	9,99444,54183	33971	9,20674,42720	13,38968	10,79325,57280	20	
	50	9,20132,01555	13,04595	9,99444,20348	33981	9,20687,84437	13,38576	10,79312,15563	10	
9	0	9,20145,08971		9,99444,86502		9,20701,25761		10,79298,74239	o	51
				9,99445,52646		9,20714,66691		10,79285,33309		
	10	9,20158,15983		9,99445,18780		9,20728,07229		10,79271,92771	50	
	20	9,20171,22591		9,99444,51016		9,20741,47374		10,79258,52626	40	
	30	9,20184,28797		9,99444,21821		9,20754,87126		10,79245,12874	30	
	40	9,20197,34599		9,99445,84903		9,20768,26487		10,79231,73513	20	
	50	9,20210,39999		9,99445,54183		9,20781,65455		10,79218,34545	10	
10	0	9,20223,44996		9,99446,88007					o	50
				9,99447,21821						
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,20223,44996	13,04595	9,99441,79541	33981	9,20781,65455	13,38576	10,79218,34545	0	50
	10	9,20236,49591	13,04193	9,99441,45560	33992	9,20795,04031	13,38185	10,79204,95969	50	
	20	9,20249,53784	13,03791	9,99441,11568	34003	9,20808,42216	13,37794	10,79191,57784	40	
	30	9,20262,57575	13,03390	9,99440,77565	34013	9,20821,80010	13,37403	10,79178,19990	30	
	40	9,20275,60965	13,02988	9,99440,43552	34023	9,20835,17413	13,37012	10,79164,82587	20	
	50	9,20288,63953	13,02588	9,99440,09529	34034	9,20848,54425	13,36621	10,79151,45575	10	
11	0	9,20301,66541	13,02187	9,99439,75495	34044	9,20861,91046	13,36231	10,79138,08954	0	49
	10	9,20314,68728	13,01786	9,99439,41451	34055	9,20875,27277	13,35841	10,79124,72723	50	
	20	9,20327,70514	13,01386	9,99439,07396	34066	9,20888,63118	13,35451	10,79111,36882	40	
	30	9,20340,71900	13,00986	9,99438,73330	34075	9,20901,98569	13,35062	10,79098,01431	30	
	40	9,20353,72886	13,00586	9,99438,39255	34087	9,20915,33631	13,34672	10,79084,66369	20	
	50	9,20366,73472	13,00186	9,99438,05168	34096	9,20928,68303	13,34283	10,79071,31697	10	
12	0	9,20379,73658	12,99787	9,99437,71072	34108	9,20942,02586	13,33895	10,79057,97414	0	48
	10	9,20392,73445	12,99388	9,99437,36964	34117	9,20955,36481	13,33505	10,79044,63519	50	
	20	9,20405,72833	12,98989	9,99437,02847	34128	9,20968,69986	13,33118	10,79031,30014	40	
	30	9,20418,71822	12,98591	9,99436,68719	34139	9,20982,03104	13,32729	10,79017,96896	30	
	40	9,20431,70413	12,98192	9,99436,34580	34149	9,20995,35833	13,32341	10,79004,64167	20	
	50	9,20444,68605	12,97794	9,99436,00431	34160	9,21008,68174	13,31954	10,78991,31826	10	
13	0	9,20457,66399	12,97396	9,99435,66271	34170	9,21022,00128	13,31566	10,78977,99872	0	47
	10	9,20470,63795	12,96998	9,99435,32101	34180	9,21035,31694	13,31179	10,78964,68306	50	
	20	9,20483,60793	12,96601	9,99434,97921	34191	9,21048,62873	13,30792	10,78951,37127	40	
	30	9,20496,57394	12,96204	9,99434,63730	34202	9,21061,93665	13,30405	10,78938,06335	30	
	40	9,20509,53598	12,95807	9,99434,29528	34212	9,21075,24070	13,30019	10,78924,75930	20	
	50	9,20522,49405	12,95410	9,99433,95316	34222	9,21088,54089	13,29632	10,78911,45911	10	
14	0	9,20535,44815	12,95014	9,99433,61094	34233	9,21101,83721	13,29247	10,78898,16279	0	46
	10	9,20548,39829	12,94617	9,99433,26861	34244	9,21115,12968	13,28861	10,78884,87032	50	
	20	9,20561,34446	12,94222	9,99432,92617	34253	9,21128,41829	13,28475	10,78871,58171	40	
	30	9,20574,28668	12,93825	9,99432,58364	34265	9,21141,70304	13,28090	10,78858,29696	30	
	40	9,20587,22493	12,93430	9,99432,24099	34275	9,21154,98394	13,27705	10,78845,01606	20	
	50	9,20600,15923	12,93035	9,99431,89824	34285	9,21168,26099	13,27320	10,78831,73901	10	
15	0	9,20613,08958	12,92640	9,99431,55539	34296	9,21181,53419	13,26935	10,78818,46581	0	45
	10	9,20626,01598	12,92245	9,99431,21243	34306	9,21194,80354	13,26552	10,78805,19646	50	
	20	9,20638,93843	12,91850	9,99430,86937	34317	9,21208,06906	13,26167	10,78791,93094	40	
	30	9,20651,85693	12,91456	9,99430,52620	34327	9,21221,33073	13,25783	10,78778,66927	30	
	40	9,20664,77149	12,91061	9,99430,18293	34338	9,21234,58856	13,25399	10,78765,41144	20	
	50	9,20677,68210	12,90668	9,99429,83955	34348	9,21247,84255	13,25016	10,78752,15745	10	
16	0	9,20690,58878	12,90275	9,99429,49607	34359	9,21261,09271	13,24633	10,78738,90729	0	44
	10	9,20703,49153	12,89880	9,99429,15248	34369	9,21274,33904	13,24250	10,78725,66096	50	
	20	9,20716,39033	12,89488	9,99428,80879	34379	9,21287,58154	13,23867	10,78712,41846	40	
	30	9,20729,28521	12,89095	9,99428,46500	34391	9,21300,82021	13,23485	10,78699,17979	30	
	40	9,20742,17616	12,88701	9,99428,12109	34400	9,21314,05506	13,23103	10,78685,94494	20	
	50	9,20755,06317	12,88310	9,99427,77709	34411	9,21327,28609	13,22720	10,78672,71391	10	
17	0	9,20767,94627	12,87917	9,99427,43298	34422	9,21340,51329	13,22339	10,78659,48671	0	43
	10	9,20780,82544	12,87525	9,99427,08876	34432	9,21353,73668	13,21957	10,78646,26332	50	
	20	9,20793,70069	12,87133	9,99426,74444	34442	9,21366,95625	13,21576	10,78633,04375	40	
	30	9,20806,57202	12,86742	9,99426,40002	34453	9,21380,17201	13,21195	10,78619,82799	30	
	40	9,20819,43944	12,86351	9,99426,05549	34464	9,21393,38396	13,20813	10,78606,61604	20	
	50	9,20832,30295	12,85959	9,99425,71085	34474	9,21406,59209	13,20434	10,78593,40791	10	
18	0	9,20845,16254	12,85568	9,99425,36611	34484	9,21419,79643	13,20053	10,78580,20357	0	42
	10	9,20858,01822	12,85178	9,99425,02127	34495	9,21432,99696	13,19672	10,78567,00304	50	
	20	9,20870,87000	12,84788	9,99424,67632	34505	9,21446,19368	13,19293	10,78553,80632	40	
	30	9,20883,71788	12,84397	9,99424,33127	34516	9,21459,38661	13,18913	10,78540,61339	30	
	40	9,20896,56185	12,84007	9,99423,98611	34527	9,21472,57574	13,18534	10,78527,42426	20	
	50	9,20909,40192	12,83618	9,99423,64084	34537	9,21485,76108	13,18154	10,78514,23892	10	
19	0	9,20922,23810	12,83228	9,99423,29547	34547	9,21498,94262	13,17776	10,78501,05738	0	41
	10	9,20935,07038	12,82839	9,99422,95000	34558	9,21512,12038	13,17396	10,78487,87962	50	
	20	9,20947,89877	12,82450	9,99422,60442	34568	9,21525,29434	13,17019	10,78474,70566	40	
	30	9,20960,72327	12,82061	9,99422,25874	34579	9,21538,46453	13,16639	10,78461,53547	30	
	40	9,20973,54388	12,81672	9,99421,91295	34589	9,21551,63092	13,16262	10,78448,36908	20	
	50	9,20986,36060	12,81284	9,99421,56706	34600	9,21564,79354	13,15884	10,78435,20646	10	
20	0	9,20999,17344	12,80896	9,99421,22106	34610	9,21577,95238	13,15506	10,78422,04762	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,20999,17344	12,80896	9,99421,22106	34610	9,21577,95238	13,15506	10,78422,04762	0	40
	10	9,21011,98240	12,80508	9,99420,87496	34621	9,21591,10744	13,15129	10,78408,89256	50	
	20	9,21024,78748	12,80121	9,99420,52875	34631	9,21604,25873	13,14752	10,78395,74127	40	
	30	9,21037,58869	12,79733	9,99420,18244	34642	9,21617,40625	13,14375	10,78382,59375	30	
	40	9,21050,38602	12,79346	9,99419,83602	34652	9,21630,55000	13,13998	10,78369,45000	20	
	50	9,21063,17948	12,78959	9,99419,48950	34662	9,21643,68998	13,13621	10,78356,31002	10	
21	0	9,21075,96907	12,78572	9,99419,14288	34674	9,21656,82619	13,13246	10,78343,17381	0	39
	10	9,21088,75479	12,78186	9,99418,79614	34683	9,21669,95865	13,12869	10,78330,04135	50	
	20	9,21101,53665	12,77799	9,99418,44931	34694	9,21683,08734	13,12493	10,78316,91266	40	
	30	9,21114,31464	12,77413	9,99418,10237	34705	9,21696,21227	13,12118	10,78303,78773	30	
	40	9,21127,08877	12,77028	9,99417,75532	34715	9,21709,33345	13,11743	10,78290,66655	20	
	50	9,21139,85905	12,76642	9,99417,40817	34725	9,21722,45088	13,11367	10,78277,54912	10	
22	0	9,21152,62547	12,76256	9,99417,06092	34737	9,21735,56455	13,10993	10,78264,43545	0	38
	10	9,21165,38803	12,75872	9,99416,71355	34746	9,21748,67448	13,10618	10,78251,32552	50	
	20	9,21178,14675	12,75486	9,99416,36609	34757	9,21761,78066	13,10243	10,78238,21934	40	
	30	9,21190,90161	12,75102	9,99416,01852	34768	9,21774,88309	13,09870	10,78225,11691	30	
	40	9,21203,65263	12,74717	9,99415,67084	34778	9,21787,98179	13,09495	10,78212,01821	20	
	50	9,21216,39980	12,74333	9,99415,32306	34788	9,21801,07674	13,09121	10,78198,92326	10	
23	0	9,21229,14313	12,73949	9,99414,97518	34799	9,21814,16795	13,08748	10,78185,83205	0	37
	10	9,21241,88262	12,73566	9,99414,62719	34809	9,21827,25543	13,08375	10,78172,74457	50	
	20	9,21254,61828	12,73181	9,99414,27910	34820	9,21840,33918	13,08002	10,78159,66082	40	
	30	9,21267,35009	12,72799	9,99413,93090	34831	9,21853,41920	13,07629	10,78146,58080	30	
	40	9,21280,07808	12,72415	9,99413,58259	34841	9,21866,49549	13,07256	10,78133,50451	20	
	50	9,21292,80223	12,72032	9,99413,23418	34851	9,21879,56805	13,06883	10,78120,43195	10	
24	0	9,21305,52255	12,71650	9,99412,88567	34862	9,21892,63688	13,06512	10,78107,36312	0	36
	10	9,21318,23905	12,71267	9,99412,53705	34872	9,21905,70200	13,06140	10,78094,29800	50	
	20	9,21330,95172	12,70885	9,99412,18833	34883	9,21918,76340	13,05767	10,78081,23660	40	
	30	9,21343,66057	12,70503	9,99411,83950	34894	9,21931,82107	13,05397	10,78068,17893	30	
	40	9,21356,36560	12,70121	9,99411,49056	34903	9,21944,87504	13,05025	10,78055,12496	20	
	50	9,21369,06681	12,69740	9,99411,14153	34915	9,21957,92529	13,04654	10,78042,07471	10	
25	0	9,21381,76421	12,69358	9,99410,79238	34925	9,21970,97183	13,04283	10,78029,02817	0	35
	10	9,21394,45779	12,68978	9,99410,44313	34935	9,21984,01466	13,03913	10,78015,98534	50	
	20	9,21407,14757	12,68596	9,99410,09378	34946	9,21997,05379	13,03542	10,78002,94621	40	
	30	9,21419,83353	12,68216	9,99409,74432	34956	9,22010,08921	13,03172	10,77989,91079	30	
	40	9,21432,51569	12,67835	9,99409,39476	34967	9,22023,12093	13,02802	10,77976,87907	20	
	50	9,21445,19404	12,67455	9,99409,04509	34977	9,22036,14895	13,02432	10,77963,85105	10	
26	0	9,21457,86859	12,67075	9,99408,69532	34988	9,22049,17327	13,02063	10,77950,82673	0	34
	10	9,21470,53934	12,66695	9,99408,34544	34998	9,22062,19390	13,01693	10,77937,80610	50	
	20	9,21483,20629	12,66316	9,99407,99546	35009	9,22075,21083	13,01325	10,77924,78917	40	
	30	9,21495,86945	12,65937	9,99407,64537	35019	9,22088,22408	13,00956	10,77911,77592	30	
	40	9,21508,52882	12,65557	9,99407,29518	35030	9,22101,23364	13,00587	10,77898,76636	20	
	50	9,21521,18439	12,65178	9,99406,94488	35040	9,22114,23951	13,00218	10,77885,76049	10	
27	0	9,21533,83617	12,64800	9,99406,59448	35051	9,22127,24169	12,99851	10,77872,75831	0	33
	10	9,21546,48417	12,64421	9,99406,24397	35061	9,22140,24020	12,99482	10,77859,75980	50	
	20	9,21559,12838	12,64043	9,99405,89336	35071	9,22153,23502	12,99115	10,77846,76498	40	
	30	9,21571,76881	12,63665	9,99405,54265	35083	9,22166,22617	12,98747	10,77833,77383	30	
	40	9,21584,40546	12,63288	9,99405,19182	35092	9,22179,21364	12,98380	10,77820,78636	20	
	50	9,21597,03834	12,62909	9,99404,84090	35103	9,22192,19744	12,98013	10,77807,80256	10	
28	0	9,21609,66743	12,62533	9,99404,48987	35114	9,22205,17757	12,97646	10,77794,82243	0	32
	10	9,21622,29276	12,62155	9,99404,13873	35124	9,22218,15403	12,97279	10,77781,84597	50	
	20	9,21634,91431	12,61778	9,99403,78749	35135	9,22231,12682	12,96913	10,77768,87318	40	
	30	9,21647,53209	12,61402	9,99403,43614	35145	9,22244,09595	12,96547	10,77755,90405	30	
	40	9,21660,14611	12,61025	9,99403,08469	35155	9,22257,06142	12,96181	10,77742,93858	20	
	50	9,21672,75636	12,60649	9,99402,73314	35167	9,22270,02323	12,95815	10,77729,97677	10	
29	0	9,21685,36285	12,60273	9,99402,38147	35176	9,22282,98138	12,95449	10,77717,01862	0	31
	10	9,21697,96558	12,59897	9,99402,02971	35187	9,22295,93587	12,95084	10,77704,06413	50	
	20	9,21710,56455	12,59521	9,99401,67784	35198	9,22308,88671	12,94719	10,77691,11329	40	
	30	9,21723,15976	12,59147	9,99401,32586	35208	9,22321,83390	12,94354	10,77678,16610	30	
	40	9,21735,75123	12,58770	9,99400,97378	35218	9,22334,77744	12,93990	10,77665,22256	20	
	50	9,21748,33893	12,58396	9,99400,62160	35230	9,22347,71734	12,93625	10,77652,28266	10	
30	0	9,21760,92289	12,58022	9,99400,26930	35239	9,22360,65359	12,93261	10,77639,34641	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,21760,92289	12,58022	9,99400,26930	35239	9,22360,65359	12,93261	10,77639,34641	0	30
	10	9,21773,50311	12,57646	9,99399,91691	35250	9,22373,58620	12,92897	10,77626,41380	50	
	20	9,21786,07957	12,57273	9,99399,56441	35261	9,22386,51517	12,92533	10,77613,48483	40	
	30	9,21798,65230	12,56898	9,99399,21180	35271	9,22399,44050	12,92169	10,77600,55950	30	
	40	9,21811,22128	12,56525	9,99398,85909	35281	9,22412,36219	12,91806	10,77587,63781	20	
	50	9,21823,78653	12,56151	9,99398,50628	35292	9,22425,28025	12,91443	10,77574,71975	10	
31	0	9,21836,34804	12,55777	9,99398,15336	35303	9,22438,19468	12,91080	10,77561,80532	0	29
	10	9,21848,90581	12,55404	9,99397,80033	35313	9,22451,10548	12,90717	10,77548,89452	50	
	20	9,21861,45985	12,55032	9,99397,44720	35323	9,22464,01265	12,90355	10,77535,98735	40	
	30	9,21874,01017	12,54658	9,99397,09397	35334	9,22476,91620	12,89992	10,77523,08380	30	
	40	9,21886,55675	12,54286	9,99396,74063	35345	9,22489,81612	12,89631	10,77510,18388	20	
	50	9,21899,09961	12,53913	9,99396,38718	35355	9,22502,71243	12,89268	10,77497,28757	10	
32	0	9,21911,63874	12,53542	9,99396,03363	35365	9,22515,60511	12,88907	10,77484,39489	0	28
	10	9,21924,17416	12,53169	9,99395,67998	35376	9,22528,49418	12,88546	10,77471,50582	50	
	20	9,21936,70585	12,52798	9,99395,32622	35387	9,22541,37964	12,88184	10,77458,62036	40	
	30	9,21949,23383	12,52426	9,99394,97235	35397	9,22554,26148	12,87823	10,77445,73852	30	
	40	9,21961,75809	12,52055	9,99394,61838	35407	9,22567,13971	12,87463	10,77432,86029	20	
	50	9,21974,27864	12,51684	9,99394,26431	35418	9,22580,01434	12,87101	10,77419,98566	10	
33	0	9,21986,79548	12,51313	9,99393,91013	35429	9,22592,88535	12,86742	10,77407,11465	0	27
	10	9,21999,30861	12,50943	9,99393,55584	35439	9,22605,75277	12,86381	10,77394,24723	50	
	20	9,22011,81804	12,50572	9,99393,20145	35449	9,22618,61658	12,86022	10,77381,38342	40	
	30	9,22024,32376	12,50202	9,99392,84696	35460	9,22631,47680	12,85662	10,77368,52320	30	
	40	9,22036,82578	12,49831	9,99392,49236	35470	9,22644,33342	12,85302	10,77355,66658	20	
	50	9,22049,32409	12,49462	9,99392,13766	35481	9,22657,18644	12,84943	10,77342,81356	10	
34	0	9,22061,81871	12,49093	9,99391,78285	35492	9,22670,03587	12,84584	10,77329,96413	0	26
	10	9,22074,30964	12,48723	9,99391,42793	35502	9,22682,88171	12,84225	10,77317,11829	50	
	20	9,22086,79687	12,48354	9,99391,07291	35512	9,22695,72396	12,83866	10,77304,27604	40	
	30	9,22099,28041	12,47985	9,99390,71779	35523	9,22708,56262	12,83508	10,77291,43738	30	
	40	9,22111,76026	12,47616	9,99390,36256	35534	9,22721,39770	12,83150	10,77278,60230	20	
	50	9,22124,23642	12,47248	9,99390,00722	35544	9,22734,22920	12,82792	10,77265,77080	10	
35	0	9,22136,70890	12,46880	9,99389,65178	35554	9,22747,05712	12,82434	10,77252,94288	0	25
	10	9,22149,17770	12,46511	9,99389,29624	35565	9,22759,88146	12,82076	10,77240,11854	50	
	20	9,22161,64281	12,46144	9,99388,94059	35575	9,22772,70222	12,81719	10,77227,29778	40	
	30	9,22174,10425	12,45775	9,99388,58484	35586	9,22785,51941	12,81362	10,77214,48059	30	
	40	9,22186,56200	12,45409	9,99388,22898	35597	9,22798,33303	12,81005	10,77201,66697	20	
	50	9,22199,01609	12,45041	9,99387,87301	35607	9,22811,14308	12,80648	10,77188,85692	10	
36	0	9,22211,46650	12,44674	9,99387,51694	35617	9,22823,94956	12,80291	10,77176,05044	0	24
	10	9,22223,91324	12,44307	9,99387,16077	35628	9,22836,75247	12,79936	10,77163,24753	50	
	20	9,22236,35631	12,43941	9,99386,80449	35639	9,22849,55183	12,79579	10,77150,44817	40	
	30	9,22248,79572	12,43575	9,99386,44810	35649	9,22862,34762	12,79223	10,77137,65238	30	
	40	9,22261,23147	12,43208	9,99386,09161	35659	9,22875,13985	12,78868	10,77124,86015	20	
	50	9,22273,66355	12,42842	9,99385,73502	35670	9,22887,92853	12,78512	10,77112,07147	10	
37	0	9,22286,09197	12,42476	9,99385,37832	35680	9,22900,71365	12,78156	10,77099,28635	0	23
	10	9,22298,51673	12,42111	9,99385,02152	35691	9,22913,49521	12,77802	10,77086,50479	50	
	20	9,22310,93784	12,41745	9,99384,66461	35702	9,22926,27323	12,77447	10,77073,72677	40	
	30	9,22323,35529	12,41381	9,99384,30759	35712	9,22939,04770	12,77092	10,77060,95230	30	
	40	9,22335,76910	12,41015	9,99383,95047	35722	9,22951,81862	12,76738	10,77048,18138	20	
	50	9,22348,17925	12,40651	9,99383,59325	35733	9,22964,58600	12,76384	10,77035,41400	10	
38	0	9,22360,58576	12,40286	9,99383,23592	35744	9,22977,34984	12,76029	10,77022,65016	0	22
	10	9,22372,98862	12,39921	9,99382,87848	35753	9,22990,11013	12,75676	10,77009,88987	50	
	20	9,22385,38783	12,39558	9,99382,52095	35765	9,23002,86689	12,75322	10,76997,13311	40	
	30	9,22397,78341	12,39194	9,99382,16330	35775	9,23015,62011	12,74969	10,76984,37989	30	
	40	9,22410,17535	12,38830	9,99381,80555	35785	9,23028,36980	12,74615	10,76971,63020	20	
	50	9,22422,56365	12,38467	9,99381,44770	35796	9,23041,11595	12,74263	10,76958,88405	10	
39	0	9,22434,94832	12,38103	9,99381,08974	35807	9,23053,85858	12,73910	10,76946,14142	0	21
	10	9,22447,32935	12,37740	9,99380,73167	35817	9,23066,59768	12,73557	10,76933,40232	50	
	20	9,22459,70675	12,37378	9,99380,37350	35827	9,23079,33325	12,73205	10,76920,66675	40	
	30	9,22472,08053	12,37014	9,99380,01523	35838	9,23092,06530	12,72853	10,76907,93470	30	
	40	9,22484,45067	12,36653	9,99379,65685	35849	9,23104,79383	12,72500	10,76895,20617	20	
	50	9,22496,81720	12,36290	9,99379,29836	35859	9,23117,51883	12,72150	10,76882,48117	10	
40	0	9,22509,18010	12,35928	9,99378,93977	35869	9,23130,24033	12,71797	10,76869,75967	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,22509,18010		9,99378,93977		9,23130,24033		10,76869,75967	0	20
	10	9,22521,53938	12,35928	9,99378,58108	35869	9,23142,95830	12,71797	10,76857,04170	50	
	20	9,22533,89504	12,35566	9,99378,22228	35880	9,23155,67276	12,71446	10,76844,32724	40	
	30	9,22546,24709	12,35205	9,99377,86337	35891	9,23168,38371	12,71095	10,76831,61629	30	
	40	9,22558,59552	12,34843	9,99377,50436	35901	9,23181,09115	12,70744	10,76818,90885	20	
	50	9,22570,94034	12,34482	9,99377,14525	35911	9,23193,79509	12,70394	10,76806,20491	10	
41	0	9,22583,28155	12,34121	9,99376,78603	35922	9,23206,49552	12,70043	10,76793,50448	0	19
	10	9,22595,61915	12,33760	9,99376,42670	35933	9,23219,19245	12,69693	10,76780,80755	50	
	20	9,22607,95314	12,33399	9,99376,06727	35943	9,23231,88587	12,69342	10,76768,11413	40	
	30	9,22620,28354	12,33040	9,99375,70774	35953	9,23244,57580	12,68993	10,76755,42420	30	
	40	9,22632,61033	12,32679	9,99375,34810	35964	9,23257,26223	12,68643	10,76742,73777	20	
	50	9,22644,93352	12,32319	9,99374,98835	35975	9,23269,94516	12,68293	10,76730,05484	10	
42	0	9,22657,25311	12,31959	9,99374,62850	35985	9,23282,62461	12,67945	10,76717,37539	0	18
	10	9,22669,56910	12,31599	9,99374,26855	35995	9,23295,30056	12,67595	10,76704,69944	50	
	20	9,22681,88151	12,31241	9,99373,90849	36006	9,23307,97302	12,67246	10,76692,02698	40	
	30	9,22694,19032	12,30881	9,99373,54832	36017	9,23320,64200	12,66898	10,76679,35800	30	
	40	9,22706,49554	12,30522	9,99373,18805	36027	9,23333,30749	12,66549	10,76666,69251	20	
	50	9,22718,79717	12,30163	9,99372,82767	36038	9,23345,96950	12,66201	10,76654,03050	10	
43	0	9,22731,09522	12,29805	9,99372,46719	36048	9,23358,62803	12,65853	10,76641,37197	0	17
	10	9,22743,38968	12,29446	9,99372,10661	36058	9,23371,28308	12,65505	10,76628,71692	50	
	20	9,22755,68057	12,29089	9,99371,74592	36069	9,23383,93465	12,65157	10,76616,06535	40	
	30	9,22767,96787	12,28730	9,99371,38512	36080	9,23396,58275	12,64810	10,76603,41725	30	
	40	9,22780,25160	12,28373	9,99371,02422	36090	9,23409,22738	12,64463	10,76590,77262	20	
	50	9,22792,53175	12,28015	9,99370,66321	36101	9,23421,86854	12,64116	10,76578,13146	10	
44	0	9,22804,80833	12,27658	9,99370,30210	36111	9,23434,50622	12,63768	10,76565,49378	0	16
	10	9,22817,08133	12,27300	9,99369,94088	36122	9,23447,14045	12,63423	10,76552,85955	50	
	20	9,22829,35077	12,26944	9,99369,57956	36132	9,23459,77121	12,63076	10,76540,22879	40	
	30	9,22841,61664	12,26587	9,99369,21814	36142	9,23472,39850	12,62729	10,76527,60150	30	
	40	9,22853,87894	12,26230	9,99368,85661	36153	9,23485,02234	12,62384	10,76514,97766	20	
	50	9,22866,13768	12,25874	9,99368,49497	36164	9,23497,64271	12,62037	10,76502,35729	10	
45	0	9,22878,39286	12,25518	9,99368,13323	36174	9,23510,25963	12,61692	10,76489,74037	0	15
	10	9,22890,64448	12,25162	9,99367,77138	36185	9,23522,87310	12,61347	10,76477,12690	50	
	20	9,22902,89254	12,24806	9,99367,40943	36195	9,23535,48312	12,61002	10,76464,51688	40	
	30	9,22915,13705	12,24451	9,99367,04737	36206	9,23548,08968	12,60656	10,76451,91032	30	
	40	9,22927,37800	12,24095	9,99366,68521	36216	9,23560,69280	12,60312	10,76439,30720	20	
	50	9,22939,61541	12,23741	9,99366,32294	36227	9,23573,29247	12,59967	10,76426,70753	10	
46	0	9,22951,84926	12,23385	9,99365,96057	36237	9,23585,88869	12,59622	10,76414,11131	0	14
	10	9,22964,07957	12,23031	9,99365,59809	36248	9,23598,48148	12,59279	10,76401,51852	50	
	20	9,22976,30633	12,22676	9,99365,23551	36258	9,23611,07082	12,58934	10,76388,92918	40	
	30	9,22988,52955	12,22322	9,99364,87282	36269	9,23623,65672	12,58590	10,76376,34328	30	
	40	9,23000,74922	12,21967	9,99364,51003	36279	9,23636,23919	12,58247	10,76363,76081	20	
	50	9,23012,96536	12,21614	9,99364,14713	36290	9,23648,81823	12,57904	10,76351,18177	10	
47	0	9,23025,17796	12,21260	9,99363,78413	36300	9,23661,39383	12,57560	10,76338,60617	0	13
	10	9,23037,38702	12,20906	9,99363,42102	36311	9,23673,96600	12,57217	10,76326,03400	50	
	20	9,23049,59255	12,20553	9,99363,05781	36321	9,23686,53475	12,56875	10,76313,46525	40	
	30	9,23061,79455	12,20200	9,99362,69449	36332	9,23699,10006	12,56531	10,76300,89994	30	
	40	9,23073,99302	12,19847	9,99362,33106	36343	9,23711,66196	12,56190	10,76288,33804	20	
	50	9,23086,18796	12,19494	9,99361,96754	36352	9,23724,22043	12,55847	10,76275,77957	10	
48	0	9,23098,37938	12,19142	9,99361,60390	36364	9,23736,77548	12,55505	10,76263,22452	0	12
	10	9,23110,56728	12,18790	9,99361,24016	36374	9,23749,32711	12,55163	10,76250,67289	50	
	20	9,23122,75165	12,18437	9,99360,87632	36384	9,23761,87533	12,54822	10,76238,12467	40	
	30	9,23134,93250	12,18085	9,99360,51237	36395	9,23774,42013	12,54480	10,76225,57987	30	
	40	9,23147,10984	12,17734	9,99360,14832	36405	9,23786,96152	12,54139	10,76213,03848	20	
	50	9,23159,28366	12,17382	9,99359,78416	36416	9,23799,49950	12,53798	10,76200,50050	10	
49	0	9,23171,45396	12,17030	9,99359,41989	36427	9,23812,03407	12,53457	10,76187,96593	0	11
	10	9,23183,62076	12,16680	9,99359,05552	36437	9,23824,56524	12,53117	10,76175,43476	50	
	20	9,23195,78404	12,16328	9,99358,69105	36447	9,23837,09300	12,52776	10,76162,90700	40	
	30	9,23207,94382	12,15978	9,99358,32647	36458	9,23849,61735	12,52435	10,76150,38265	30	
	40	9,23220,10009	12,15627	9,99357,96178	36469	9,23862,13831	12,52096	10,76137,86169	20	
	50	9,23232,25286	12,15277	9,99357,59699	36479	9,23874,65587	12,51756	10,76125,34413	10	
50	0	9,23244,40213	12,14927	9,99357,23210	36489	9,23887,17003	12,51416	10,76112,82997	0	10
			12,14576		36500		12,51077			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,23244,40213	12,14576	9,99357,23210	36500	9,23887,17003	12,51077	10,76112,82997	0	10
	10	9,23256,54789	12,14227	9,99356,86710	36511	9,23899,68080	12,50737	10,76100,31920	50	
	20	9,23268,69016	12,13877	9,99356,50199	36521	9,23912,18817	12,50398	10,76087,81183	40	
	30	9,23280,82893	12,13528	9,99356,13678	36532	9,23924,69215	12,50060	10,76075,30785	30	
	40	9,23292,96421	12,13179	9,99355,77146	36542	9,23937,19275	12,49721	10,76062,80725	20	
	50	9,23305,09600	12,12830	9,99355,40604	36552	9,23949,68996	12,49382	10,76050,31004	10	
51	0	9,23317,22430	12,12480	9,99355,04052	36563	9,23962,18378	12,49044	10,76037,81622	0	9
	10	9,23329,34910	12,12133	9,99354,67489	36574	9,23974,67422	12,48706	10,76025,32578	50	
	20	9,23341,47043	12,11783	9,99354,30915	36584	9,23987,16128	12,48368	10,76012,83872	40	
	30	9,23353,58826	12,11436	9,99353,94331	36595	9,23999,64496	12,48030	10,76000,35504	30	
	40	9,23365,70262	12,11088	9,99353,57736	36605	9,24012,12526	12,47693	10,75987,87474	20	
	50	9,23377,81350	12,10739	9,99353,21131	36616	9,24024,60219	12,47355	10,75975,39781	10	
52	0	9,23389,92089	12,10392	9,99352,84515	36626	9,24037,07574	12,47018	10,75962,92426	0	8
	10	9,23402,02481	12,10045	9,99352,47889	36637	9,24049,54592	12,46682	10,75950,45408	50	
	20	9,23414,12526	12,09697	9,99352,11252	36647	9,24062,01274	12,46344	10,75937,98726	40	
	30	9,23426,22223	12,09351	9,99351,74605	36658	9,24074,47618	12,46009	10,75925,52382	30	
	40	9,23438,31574	12,09003	9,99351,37947	36668	9,24086,93627	12,45671	10,75913,06373	20	
	50	9,23450,40577	12,08657	9,99351,01279	36679	9,24099,39298	12,45336	10,75900,60702	10	
53	0	9,23462,49234	12,08310	9,99350,64600	36689	9,24111,84634	12,44999	10,75888,15366	0	7
	10	9,23474,57544	12,07964	9,99350,27911	36700	9,24124,29633	12,44664	10,75875,70367	50	
	20	9,23486,65508	12,07618	9,99349,91211	36711	9,24136,74297	12,44329	10,75863,25703	40	
	30	9,23498,73126	12,07272	9,99349,54500	36721	9,24149,18626	12,43992	10,75850,81374	30	
	40	9,23510,80398	12,06926	9,99349,17779	36731	9,24161,62618	12,43658	10,75838,37382	20	
	50	9,23522,87324	12,06581	9,99348,81048	36742	9,24174,06276	12,43323	10,75825,93724	10	
54	0	9,23534,93905	12,06235	9,99348,44306	36752	9,24186,49599	12,42988	10,75813,50401	0	6
	10	9,23547,00140	12,05890	9,99348,07554	36763	9,24198,92587	12,42653	10,75801,07413	50	
	20	9,23559,06030	12,05546	9,99347,70791	36774	9,24211,35240	12,42319	10,75788,64760	40	
	30	9,23571,11576	12,05200	9,99347,34017	36784	9,24223,77559	12,41984	10,75776,22441	30	
	40	9,23583,16776	12,04856	9,99346,97233	36794	9,24236,19543	12,41651	10,75763,80457	20	
	50	9,23595,21632	12,04512	9,99346,60439	36805	9,24248,61194	12,41316	10,75751,38806	10	
55	0	9,23607,26144	12,04167	9,99346,23634	36816	9,24261,02510	12,40983	10,75738,97490	0	5
	10	9,23619,30311	12,03824	9,99345,86818	36826	9,24273,43493	12,40650	10,75726,56507	50	
	20	9,23631,34135	12,03479	9,99345,49992	36837	9,24285,84143	12,40316	10,75714,15857	40	
	30	9,23643,37614	12,03136	9,99345,13155	36847	9,24298,24459	12,39983	10,75701,75541	30	
	40	9,23655,40750	12,02793	9,99344,76308	36857	9,24310,64442	12,39650	10,75689,35558	20	
	50	9,23667,43543	12,02449	9,99344,39451	36869	9,24323,04092	12,39318	10,75676,95908	10	
56	0	9,23679,45992	12,02107	9,99344,02582	36878	9,24335,43410	12,38985	10,75664,56590	0	4
	10	9,23691,48099	12,01763	9,99343,65704	36889	9,24347,82395	12,38653	10,75652,17605	50	
	20	9,23703,49862	12,01421	9,99343,28815	36900	9,24360,21048	12,38320	10,75639,78952	40	
	30	9,23715,51283	12,01078	9,99342,91915	36910	9,24372,59368	12,37989	10,75627,40632	30	
	40	9,23727,52361	12,00737	9,99342,55005	36921	9,24384,97357	12,37657	10,75615,02643	20	
	50	9,23739,53098	12,00393	9,99342,18084	36932	9,24397,35014	12,37325	10,75602,64986	10	
57	0	9,23751,53491	12,00053	9,99341,81152	36941	9,24409,72339	12,36994	10,75590,27661	0	3
	10	9,23763,53544	11,99710	9,99341,44211	36953	9,24422,09333	12,36663	10,75577,90667	50	
	20	9,23775,53254	11,99369	9,99341,07258	36963	9,24434,45996	12,36331	10,75565,54004	40	
	30	9,23787,52623	11,99027	9,99340,70295	36973	9,24446,82327	12,36001	10,75553,17673	30	
	40	9,23799,51650	11,98687	9,99340,33322	36984	9,24459,18328	12,35670	10,75540,81672	20	
	50	9,23811,50337	11,98345	9,99339,96338	36994	9,24471,53998	12,35340	10,75528,46002	10	
58	0	9,23823,48682	11,98005	9,99339,59344	37005	9,24483,89338	12,35010	10,75516,10662	0	2
	10	9,23835,46687	11,97664	9,99339,22339	37016	9,24496,24348	12,34679	10,75503,75652	50	
	20	9,23847,44351	11,97323	9,99338,85323	37026	9,24508,59027	12,34350	10,75491,40973	40	
	30	9,23859,41674	11,96984	9,99338,48297	37036	9,24520,93377	12,34020	10,75479,06623	30	
	40	9,23871,38658	11,96643	9,99338,11261	37047	9,24533,27397	12,33690	10,75466,72603	20	
	50	9,23883,35301	11,96304	9,99337,74214	37058	9,24545,61087	12,33362	10,75454,38913	10	
59	0	9,23895,31605	11,95964	9,99337,37156	37068	9,24557,94449	12,33032	10,75442,05551	0	1
	10	9,23907,27569	11,95624	9,99337,00088	37079	9,24570,27481	12,32703	10,75429,72519	50	
	20	9,23919,23193	11,95285	9,99336,63009	37089	9,24582,60184	12,32374	10,75417,39816	40	
	30	9,23931,18478	11,94946	9,99336,25920	37099	9,24594,92558	12,32046	10,75405,07442	30	
	40	9,23943,13424	11,94608	9,99335,88821	37111	9,24607,24604	12,31717	10,75392,75396	20	
	50	9,23955,08032	11,94268	9,99335,51710	37120	9,24619,56321	12,31389	10,75380,43679	10	
60	0	9,23967,02300	11,93930	9,99335,14590	37132	9,24631,87710	12,31062	10,75368,12290	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,23967,02300		9,99335,14590		9,24631,87710		10,75368,12290	o	60
	10	9,23978,96230	11,93930	9,99334,77458	37132	9,24644,18772	12,31062	10,75355,81228	50	
	20	9,23990,89822	11,93592	9,99334,40317	37141	9,24656,49505	12,30733	10,75343,50495	40	
	30	9,24002,83075	11,93253	9,99334,03164	37153	9,24668,79911	12,30406	10,75331,20089	30	
	40	9,24014,75991	11,92916	9,99333,66002	37162	9,24681,09989	12,30078	10,75318,90011	20	
	50	9,24026,68568	11,92577	9,99333,28828	37174	9,24693,39740	12,29751	10,75306,60260	10	
1	0	9,24038,60809	11,92241	9,99332,91644	37184	9,24705,69164	12,29424	10,75294,30836	o	59
	10	9,24050,52711	11,91902	9,99332,54450	37194	9,24717,98261	12,29097	10,75282,01739	50	
	20	9,24062,44277	11,91566	9,99332,17245	37205	9,24730,27032	12,28771	10,75269,72968	40	
	30	9,24074,35505	11,91228	9,99331,80030	37215	9,24742,55476	12,28444	10,75257,44524	30	
	40	9,24086,26397	11,90892	9,99331,42804	37226	9,24754,83593	12,28117	10,75245,16407	20	
	50	9,24098,16952	11,90555	9,99331,05567	37237	9,24767,11385	12,27792	10,75232,88615	10	
2	0	9,24110,07170	11,90218	9,99330,68320	37247	9,24779,38850	12,27465	10,75220,61150	o	58
	10	9,24121,97052	11,89882	9,99330,31062	37258	9,24791,65990	12,27140	10,75208,34010	50	
	20	9,24133,86598	11,89546	9,99329,93794	37268	9,24803,92804	12,26814	10,75196,07196	40	
	30	9,24145,75808	11,89210	9,99329,56516	37278	9,24816,19292	12,26488	10,75183,80708	30	
	40	9,24157,64682	11,88874	9,99329,19227	37289	9,24828,45456	12,26164	10,75171,54544	20	
	50	9,24169,53221	11,88539	9,99328,81927	37300	9,24840,71294	12,25838	10,75159,28706	10	
3	0	9,24181,41425	11,88204	9,99328,44617	37310	9,24852,96808	12,25514	10,75147,03192	o	57
	10	9,24193,29293	11,87868	9,99328,07296	37321	9,24865,21997	12,25189	10,75134,78003	50	
	20	9,24205,16826	11,87533	9,99327,69965	37331	9,24877,46861	12,24864	10,75122,53139	40	
	30	9,24217,04024	11,87198	9,99327,32623	37342	9,24889,71401	12,24540	10,75110,28599	30	
	40	9,24228,90888	11,86864	9,99326,95271	37352	9,24901,95617	12,24216	10,75098,04383	20	
	50	9,24240,77417	11,86529	9,99326,57908	37363	9,24914,19509	12,23892	10,75085,80491	10	
4	0	9,24252,63612	11,86195	9,99326,20534	37374	9,24926,43077	12,23568	10,75073,56923	o	56
	10	9,24264,49473	11,85861	9,99325,83151	37383	9,24938,66322	12,23245	10,75061,33678	50	
	20	9,24276,34999	11,85526	9,99325,45756	37395	9,24950,89243	12,22921	10,75049,10757	40	
	30	9,24288,20193	11,85194	9,99325,08351	37405	9,24963,11841	12,22598	10,75036,88159	30	
	40	9,24300,05052	11,84859	9,99324,70936	37415	9,24975,34117	12,22276	10,75024,65883	20	
	50	9,24311,89578	11,84526	9,99324,33510	37426	9,24987,56069	12,21952	10,75012,43931	10	
5	0	9,24323,73771	11,84193	9,99323,96073	37437	9,24999,77698	12,21629	10,75000,22302	o	55
	10	9,24335,57631	11,83860	9,99323,58626	37447	9,25011,99005	12,21307	10,74988,00995	50	
	20	9,24347,41158	11,83527	9,99323,21168	37458	9,25024,19990	12,20985	10,74975,80010	40	
	30	9,24359,24353	11,83195	9,99322,83700	37468	9,25036,40653	12,20663	10,74963,59347	30	
	40	9,24371,07215	11,82862	9,99322,46222	37478	9,25048,60993	12,20340	10,74951,39007	20	
	50	9,24382,89745	11,82530	9,99322,08732	37490	9,25060,81012	12,20019	10,74939,18988	10	
6	0	9,24394,71942	11,82197	9,99321,71233	37499	9,25073,00710	12,19698	10,74926,99290	o	54
	10	9,24406,53808	11,81866	9,99321,33722	37511	9,25085,20086	12,19376	10,74914,79914	50	
	20	9,24418,35342	11,81534	9,99320,96202	37520	9,25097,39141	12,19055	10,74902,60859	40	
	30	9,24430,16545	11,81203	9,99320,58670	37532	9,25109,57874	12,18733	10,74890,42126	30	
	40	9,24441,97416	11,80871	9,99320,21128	37542	9,25121,76287	12,18413	10,74878,23713	20	
	50	9,24453,77955	11,80539	9,99319,83576	37552	9,25133,94379	12,18092	10,74866,05621	10	
7	0	9,24465,58164	11,80209	9,99319,46013	37563	9,25146,12151	12,17772	10,74853,87849	o	53
	10	9,24477,38042	11,79878	9,99319,08440	37573	9,25158,29603	12,17452	10,74841,70397	50	
	20	9,24489,17589	11,79547	9,99318,70856	37584	9,25170,46734	12,17131	10,74829,53266	40	
	30	9,24500,96806	11,79217	9,99318,33261	37595	9,25182,63545	12,16811	10,74817,36455	30	
	40	9,24512,75693	11,78887	9,99317,95656	37605	9,25194,80037	12,16492	10,74805,19963	20	
	50	9,24524,54249	11,78556	9,99317,58040	37616	9,25206,96209	12,16172	10,74793,03791	10	
8	0	9,24536,32476	11,78227	9,99317,20414	37626	9,25219,12061	12,15852	10,74780,87939	o	52
	10	9,24548,10372	11,77896	9,99316,82778	37636	9,25231,27595	12,15534	10,74768,72405	50	
	20	9,24559,87939	11,77567	9,99316,45130	37648	9,25243,42809	12,15214	10,74756,57191	40	
	30	9,24571,65177	11,77238	9,99316,07473	37657	9,25255,57704	12,14895	10,74744,42296	30	
	40	9,24583,42085	11,76908	9,99315,69804	37669	9,25267,72281	12,14577	10,74732,27719	20	
	50	9,24595,18665	11,76580	9,99315,32126	37678	9,25279,86539	12,14258	10,74720,13461	10	
9	0	9,24606,94915	11,76250	9,99314,94436	37690	9,25292,00479	12,13940	10,74707,99521	o	51
	10	9,24618,70837	11,75922	9,99314,56736	37700	9,25304,14101	12,13622	10,74695,85899	50	
	20	9,24630,46431	11,75594	9,99314,19026	37710	9,25316,27405	12,13304	10,74683,72595	40	
	30	9,24642,21695	11,75264	9,99313,81305	37721	9,25328,40391	12,12986	10,74671,59609	30	
	40	9,24653,96632	11,74937	9,99313,43573	37732	9,25340,53059	12,12668	10,74659,46941	20	
	50	9,24665,71241	11,74609	9,99313,05831	37742	9,25352,65410	12,12351	10,74647,34590	10	
10	0	9,24677,45522	11,74281	9,99312,68079	37752	9,25364,77443	12,12033	10,74635,22557	o	50
			11,73953		37763		12,11717			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,24677,45522		9,99312,68079		9,25364,77443		10,74635,22557	0	50
	10	9,24689,19475	11,73953	9,99312,30316	37763	9,25376,89160	12,11717	10,74623,10840	50	
	20	9,24700,93101	11,73626	9,99311,92542	37774	9,25389,00559	12,11399	10,74610,99441	40	
	30	9,24712,66400	11,73299	9,99311,54758	37784	9,25401,11642	12,11083	10,74598,88358	30	
	40	9,24724,39372	11,72972	9,99311,16963	37795	9,25413,22408	12,10766	10,74586,77592	20	
	50	9,24736,12016	11,72644	9,99310,79158	37805	9,25425,32858	12,10450	10,74574,67142	10	
11	0	9,24747,84334	11,72318	9,99310,41342	37816	9,25437,42992	12,10134	10,74562,57008	0	49
	10	9,24759,56325	11,71991	9,99310,03516	37826	9,25449,52809	12,09817	10,74550,47191	50	
	20	9,24771,27990	11,71665	9,99309,65679	37837	9,25461,62311	12,09502	10,74538,37689	40	
	30	9,24782,99329	11,71339	9,99309,27832	37847	9,25473,71497	12,09186	10,74526,28503	30	
	40	9,24794,70342	11,71013	9,99308,89974	37858	9,25485,80368	12,08871	10,74514,19632	20	
	50	9,24806,41028	11,70686	9,99308,52105	37869	9,25497,88923	12,08555	10,74502,11077	10	
12	0	9,24818,11389	11,70361	9,99308,14226	37879	9,25509,97163	12,08240	10,74490,02837	0	48
	10	9,24829,81425	11,70036	9,99307,76337	37889	9,25522,05088	12,07925	10,74477,94912	50	
	20	9,24841,51135	11,69710	9,99307,38437	37900	9,25534,12698	12,07610	10,74465,87302	40	
	30	9,24853,20520	11,69385	9,99307,00526	37911	9,25546,19994	12,07296	10,74453,80006	30	
	40	9,24864,89580	11,69060	9,99306,62605	37921	9,25558,26975	12,06981	10,74441,73025	20	
	50	9,24876,58316	11,68736	9,99306,24673	37932	9,25570,33642	12,06667	10,74429,66358	10	
13	0	9,24888,26726	11,68410	9,99305,86731	37942	9,25582,39995	12,06353	10,74417,60005	0	47
	10	9,24899,94812	11,68086	9,99305,48778	37953	9,25594,46034	12,06039	10,74405,53966	50	
	20	9,24911,62574	11,67762	9,99305,10815	37963	9,25606,51759	12,05725	10,74393,48241	40	
	30	9,24923,30012	11,67438	9,99304,72841	37974	9,25618,57171	12,05412	10,74381,42829	30	
	40	9,24934,97126	11,67114	9,99304,34857	37984	9,25630,62269	12,05098	10,74369,37731	20	
	50	9,24946,63916	11,66790	9,99303,96862	37995	9,25642,67054	12,04785	10,74357,32946	10	
14	0	9,24958,30382	11,66466	9,99303,58856	38006	9,25654,71526	12,04472	10,74345,28474	0	46
	10	9,24969,96525	11,66143	9,99303,20840	38016	9,25666,75685	12,04159	10,74333,24315	50	
	20	9,24981,62345	11,65820	9,99302,82814	38026	9,25678,79531	12,03846	10,74321,20469	40	
	30	9,24993,27842	11,65497	9,99302,44777	38037	9,25690,83065	12,03534	10,74309,16935	30	
	40	9,25004,93016	11,65174	9,99302,06729	38048	9,25702,86286	12,03221	10,74297,13714	20	
	50	9,25016,57867	11,64851	9,99301,68671	38058	9,25714,89196	12,02910	10,74285,10804	10	
15	0	9,25028,22395	11,64528	9,99301,30602	38069	9,25726,91793	12,02597	10,74273,08207	0	45
	10	9,25039,86601	11,64206	9,99300,92523	38079	9,25738,94078	12,02285	10,74261,05922	50	
	20	9,25051,50485	11,63884	9,99300,54433	38090	9,25750,96052	12,01974	10,74249,03948	40	
	30	9,25063,14047	11,63562	9,99300,16333	38100	9,25762,97714	12,01662	10,74237,02286	30	
	40	9,25074,77287	11,63240	9,99299,78222	38111	9,25774,99065	12,01351	10,74225,00935	20	
	50	9,25086,40205	11,62918	9,99299,40100	38122	9,25787,00105	12,01040	10,74212,99895	10	
16	0	9,25098,02802	11,62597	9,99299,01968	38132	9,25799,00834	12,00729	10,74200,99166	0	44
	10	9,25109,65078	11,62276	9,99298,63826	38142	9,25811,01252	12,00418	10,74188,98748	50	
	20	9,25121,27032	11,61954	9,99298,25673	38153	9,25823,01359	12,00107	10,74176,98641	40	
	30	9,25132,88665	11,61633	9,99297,87509	38164	9,25835,01156	11,99797	10,74164,98844	30	
	40	9,25144,49978	11,61313	9,99297,49335	38174	9,25847,00643	11,99487	10,74152,99357	20	
	50	9,25156,10970	11,60992	9,99297,11151	38184	9,25858,99819	11,99176	10,74141,00181	10	
17	0	9,25167,71641	11,60671	9,99296,72955	38196	9,25870,98686	11,98867	10,74129,01314	0	43
	10	9,25179,31992	11,60351	9,99296,34750	38205	9,25882,97242	11,98556	10,74117,02758	50	
	20	9,25190,92023	11,60031	9,99295,96533	38217	9,25894,95490	11,98248	10,74105,04510	40	
	30	9,25202,51734	11,59711	9,99295,58306	38227	9,25906,93427	11,97937	10,74093,06573	30	
	40	9,25214,11125	11,59391	9,99295,20069	38237	9,25918,91056	11,97629	10,74081,08944	20	
	50	9,25225,70196	11,59071	9,99294,81821	38248	9,25930,88375	11,97319	10,74069,11625	10	
18	0	9,25237,28948	11,58752	9,99294,43562	38259	9,25942,85386	11,97011	10,74057,14614	0	42
	10	9,25248,87381	11,58433	9,99294,05293	38269	9,25954,82087	11,96701	10,74045,17913	50	
	20	9,25260,45494	11,58113	9,99293,67014	38279	9,25966,78481	11,96394	10,74033,21519	40	
	30	9,25272,03289	11,57795	9,99293,28724	38290	9,25978,74565	11,96084	10,74021,25435	30	
	40	9,25283,60765	11,57476	9,99292,90423	38301	9,25990,70342	11,95777	10,74009,29658	20	
	50	9,25295,17922	11,57157	9,99292,52112	38311	9,26002,65810	11,95468	10,73997,34190	10	
19	0	9,25306,74761	11,56839	9,99292,13790	38322	9,26014,60971	11,95161	10,73985,39029	0	41
	10	9,25318,31281	11,56520	9,99291,75458	38332	9,26026,55824	11,94853	10,73973,44176	50	
	20	9,25329,87484	11,56203	9,99291,37115	38343	9,26038,50369	11,94545	10,73961,49631	40	
	30	9,25341,43368	11,55884	9,99290,98761	38354	9,26050,44607	11,94238	10,73949,55393	30	
	40	9,25352,98935	11,55567	9,99290,60398	38363	9,26062,38537	11,93930	10,73937,61463	20	
	50	9,25364,54184	11,55249	9,99290,22023	38375	9,26074,32161	11,93624	10,73925,67839	10	
20	0	9,25376,09116	11,54932	9,99289,83638	38385	9,26086,25478	11,93317	10,73913,74522	0	40
			11,54614		38396		11,93010			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,25376,09116	11,54614	9,99289,83638	38396	9,26086,25478	11,93010	10,73913,74522	0	40
	10	9,25387,63730	11,54297	9,99289,45242	38406	9,26098,18488	11,92703	10,73901,81512	50	
	20	9,25399,18027	11,53981	9,99289,06836	38416	9,26110,11191	11,92397	10,73889,88809	40	
	30	9,25410,72008	11,53664	9,99288,68420	38428	9,26122,03588	11,92091	10,73877,96412	30	
	40	9,25422,25672	11,53347	9,99288,29992	38437	9,26133,95679	11,91785	10,73866,04321	20	
	50	9,25433,79019	11,53030	9,99287,91555	38449	9,26145,87464	11,91479	10,73854,12536	10	
21	0	9,25445,32049	11,52715	9,99287,53106	38459	9,26157,78943	11,91173	10,73842,21057	0	39
	10	9,25456,84764	11,52398	9,99287,14647	38469	9,26169,70116	11,90868	10,73830,29884	50	
	20	9,25468,37162	11,52082	9,99286,76178	38480	9,26181,60984	11,90562	10,73818,39016	40	
	30	9,25479,89244	11,51767	9,99286,37698	38491	9,26193,51546	11,90258	10,73806,48454	30	
	40	9,25491,41011	11,51451	9,99285,99207	38501	9,26205,41804	11,89952	10,73794,58196	20	
	50	9,25502,92462	11,51136	9,99285,60706	38511	9,26217,31756	11,89647	10,73782,68244	10	
22	0	9,25514,43598	11,50820	9,99285,22195	38522	9,26229,21403	11,89343	10,73770,78597	0	38
	10	9,25525,94418	11,50506	9,99284,83673	38533	9,26241,10746	11,89038	10,73758,89254	50	
	20	9,25537,44924	11,50190	9,99284,45140	38543	9,26252,99784	11,88734	10,73747,00216	40	
	30	9,25548,95114	11,49876	9,99284,06597	38554	9,26264,88518	11,88429	10,73735,11482	30	
	40	9,25560,44990	11,49561	9,99283,68043	38565	9,26276,76947	11,88126	10,73723,23053	20	
	50	9,25571,94551	11,49247	9,99283,29478	38575	9,26288,65073	11,87821	10,73711,34927	10	
23	0	9,25583,43798	11,48932	9,99282,90903	38585	9,26300,52894	11,87518	10,73699,47106	0	37
	10	9,25594,92730	11,48619	9,99282,52318	38596	9,26312,40412	11,87215	10,73687,59588	50	
	20	9,25606,41349	11,48304	9,99282,13722	38607	9,26324,27627	11,86911	10,73675,72373	40	
	30	9,25617,89653	11,47991	9,99281,75115	38617	9,26336,14538	11,86608	10,73663,85462	30	
	40	9,25629,37644	11,47677	9,99281,36498	38627	9,26348,01146	11,86305	10,73651,98854	20	
	50	9,25640,85321	11,47364	9,99280,97871	38639	9,26359,87451	11,86002	10,73640,12549	10	
24	0	9,25652,32685	11,47050	9,99280,59232	38648	9,26371,73453	11,85699	10,73628,26547	0	36
	10	9,25663,79735	11,46738	9,99280,20584	38660	9,26383,59152	11,85397	10,73616,40848	50	
	20	9,25675,26473	11,46424	9,99279,81924	38670	9,26395,44549	11,85094	10,73604,55451	40	
	30	9,25686,72897	11,46112	9,99279,43254	38680	9,26407,29643	11,84792	10,73592,70357	30	
	40	9,25698,19009	11,45799	9,99279,04574	38691	9,26419,14435	11,84490	10,73580,85565	20	
	50	9,25709,64808	11,45487	9,99278,65883	38702	9,26430,98925	11,84189	10,73569,01075	10	
25	0	9,25721,10295	11,45175	9,99278,27181	38712	9,26442,83114	11,83886	10,73557,16886	0	35
	10	9,25732,55470	11,44862	9,99277,88469	38722	9,26454,67000	11,83585	10,73545,33000	50	
	20	9,25744,00332	11,44551	9,99277,49747	38734	9,26466,50585	11,83284	10,73533,49415	40	
	30	9,25755,44883	11,44238	9,99277,11013	38743	9,26478,33869	11,82983	10,73521,66131	30	
	40	9,25766,89121	11,43927	9,99276,72270	38755	9,26490,16852	11,82681	10,73509,83148	20	
	50	9,25778,33048	11,43616	9,99276,33515	38765	9,26501,99533	11,82381	10,73498,00467	10	
26	0	9,25789,76664	11,43304	9,99275,94750	38775	9,26513,81914	11,82079	10,73486,18086	0	34
	10	9,25801,19968	11,42994	9,99275,55975	38786	9,26525,63993	11,81780	10,73474,36007	50	
	20	9,25812,62962	11,42682	9,99275,17189	38796	9,26537,45773	11,81479	10,73462,54227	40	
	30	9,25824,05644	11,42372	9,99274,78393	38808	9,26549,27252	11,81178	10,73450,72748	30	
	40	9,25835,48016	11,42061	9,99274,39585	38817	9,26561,08430	11,80879	10,73438,91570	20	
	50	9,25846,90077	11,41750	9,99274,00768	38828	9,26572,89309	11,80579	10,73427,10691	10	
27	0	9,25858,31827	11,41440	9,99273,61940	38839	9,26584,69888	11,80279	10,73415,30112	0	33
	10	9,25869,73267	11,41131	9,99273,23101	38849	9,26596,50167	11,79979	10,73403,49833	50	
	20	9,25881,14398	11,40820	9,99272,84252	38860	9,26608,30146	11,79680	10,73391,69854	40	
	30	9,25892,55218	11,40510	9,99272,45392	38871	9,26620,09826	11,79381	10,73379,90174	30	
	40	9,25903,95728	11,40201	9,99272,06521	38881	9,26631,89207	11,79081	10,73368,10793	20	
	50	9,25915,35929	11,39891	9,99271,67640	38891	9,26643,68288	11,78783	10,73356,31712	10	
28	0	9,25926,75820	11,39582	9,99271,28749	38902	9,26655,47071	11,78484	10,73344,52929	0	32
	10	9,25938,15402	11,39273	9,99270,89847	38913	9,26667,25555	11,78185	10,73332,74445	50	
	20	9,25949,54675	11,38963	9,99270,50934	38923	9,26679,03740	11,77887	10,73320,96260	40	
	30	9,25960,93638	11,38655	9,99270,12011	38934	9,26690,81627	11,77589	10,73309,18373	30	
	40	9,25972,32293	11,38347	9,99269,73077	38944	9,26702,59216	11,77291	10,73297,40784	20	
	50	9,25983,70640	11,38037	9,99269,34133	38955	9,26714,36507	11,76992	10,73285,63493	10	
29	0	9,25995,08677	11,37730	9,99268,95178	38965	9,26726,13499	11,76695	10,73273,86501	0	31
	10	9,26006,46407	11,37421	9,99268,56213	38976	9,26737,90194	11,76397	10,73262,09806	50	
	20	9,26017,83828	11,37113	9,99268,17237	38987	9,26749,66591	11,76100	10,73250,33409	40	
	30	9,26029,20941	11,36806	9,99267,78250	38997	9,26761,42691	11,75803	10,73238,57309	30	
	40	9,26040,57747	11,36497	9,99267,39253	39008	9,26773,18494	11,75505	10,73226,81506	20	
	50	9,26051,94244	11,36190	9,99267,00245	39018	9,26784,93999	11,75208	10,73215,06001	10	
30	0	9,26063,30434	11,35883	9,99266,61227	39029	9,26796,69207	11,74912	10,73203,30793	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,26063,30434		9,99266,61227		9,26796,69207		10,73203,30793	0	30
	10	9,26074,66317	11,35883	9,99266,22198	39029	9,26808,44119	11,74912	10,73191,55881	50	
	20	9,26086,01893	11,35576	9,99265,83159	39039	9,26820,18734	11,74615	10,73179,81266	40	
	30	9,26097,37161	11,35268	9,99265,44109	39050	9,26831,93052	11,74318	10,73168,06948	30	
	40	9,26108,72123	11,34962	9,99265,05049	39060	9,26843,67074	11,74022	10,73156,32926	20	
	50	9,26120,06778	11,34655	9,99264,65978	39071	9,26855,40800	11,73726	10,73144,59200	10	
31	0	9,26131,41126	11,34348	9,99264,26896	39082	9,26867,14230	11,73430	10,73132,85770	0	29
	10	9,26142,75168	11,34042	9,99263,87804	39092	9,26878,87364	11,73134	10,73121,12636	50	
	20	9,26154,08904	11,33736	9,99263,48701	39103	9,26890,60202	11,72838	10,73109,39798	40	
	30	9,26165,42333	11,33429	9,99263,09588	39113	9,26902,32745	11,72543	10,73097,67255	30	
	40	9,26176,75457	11,33124	9,99262,70464	39124	9,26914,04992	11,72247	10,73085,95008	20	
	50	9,26188,08275	11,32818	9,99262,31330	39134	9,26925,76945	11,71953	10,73074,23055	10	
32	0	9,26199,40787	11,32512	9,99261,92185	39145	9,26937,48602	11,71657	10,73062,51398	0	28
	10	9,26210,72994	11,32207	9,99261,53030	39155	9,26949,19964	11,71362	10,73050,80036	50	
	20	9,26222,04895	11,31901	9,99261,13863	39167	9,26960,91032	11,71068	10,73039,08968	40	
	30	9,26233,36491	11,31596	9,99260,74687	39176	9,26972,61805	11,70773	10,73027,38195	30	
	40	9,26244,67783	11,31292	9,99260,35500	39187	9,26984,32283	11,70478	10,73015,67717	20	
	50	9,26255,98769	11,30986	9,99259,96302	39198	9,26996,02467	11,70184	10,73003,97533	10	
33	0	9,26267,29451	11,30682	9,99259,57094	39208	9,27007,72358	11,69891	10,72992,27642	0	27
	10	9,26278,59829	11,30378	9,99259,17875	39219	9,27019,41954	11,69596	10,72980,58046	50	
	20	9,26289,89902	11,30073	9,99258,78645	39230	9,27031,11256	11,69302	10,72968,88744	40	
	30	9,26301,19671	11,29769	9,99258,39405	39240	9,27042,80265	11,69009	10,72957,19735	30	
	40	9,26312,49135	11,29464	9,99258,00155	39250	9,27054,48980	11,68715	10,72945,51020	20	
	50	9,26323,78296	11,29161	9,99257,60894	39261	9,27066,17403	11,68423	10,72933,82597	10	
34	0	9,26335,07154	11,28858	9,99257,21622	39272	9,27077,85531	11,68128	10,72922,14469	0	26
	10	9,26346,35707	11,28553	9,99256,82340	39282	9,27089,53367	11,67836	10,72910,46633	50	
	20	9,26357,63958	11,28251	9,99256,43047	39293	9,27101,20911	11,67544	10,72898,79089	40	
	30	9,26368,91905	11,27947	9,99256,03744	39303	9,27112,88161	11,67250	10,72887,11839	30	
	40	9,26380,19549	11,27644	9,99255,64430	39314	9,27124,55119	11,66958	10,72875,44881	20	
	50	9,26391,46890	11,27341	9,99255,25105	39325	9,27136,21784	11,66665	10,72863,78216	10	
35	0	9,26402,73928	11,27038	9,99254,85770	39335	9,27147,88158	11,66374	10,72852,11842	0	25
	10	9,26414,00664	11,26736	9,99254,46425	39345	9,27159,54239	11,66081	10,72840,45761	50	
	20	9,26425,27097	11,26433	9,99254,07068	39357	9,27171,20029	11,65790	10,72828,79971	40	
	30	9,26436,53228	11,26131	9,99253,67702	39366	9,27182,85526	11,65497	10,72817,14474	30	
	40	9,26447,79057	11,25829	9,99253,28324	39378	9,27194,50732	11,65206	10,72805,49268	20	
	50	9,26459,04584	11,25527	9,99252,88937	39387	9,27206,15647	11,64915	10,72793,84353	10	
36	0	9,26470,29809	11,25225	9,99252,49538	39399	9,27217,80271	11,64624	10,72782,19729	0	24
	10	9,26481,54732	11,24923	9,99252,10129	39409	9,27229,44603	11,64332	10,72770,55397	50	
	20	9,26492,79354	11,24622	9,99251,70710	39419	9,27241,08644	11,64041	10,72758,91356	40	
	30	9,26504,03674	11,24320	9,99251,31279	39431	9,27252,72395	11,63751	10,72747,27605	30	
	40	9,26515,27694	11,24020	9,99250,91839	39440	9,27264,35855	11,63460	10,72735,64145	20	
	50	9,26526,51412	11,23718	9,99250,52387	39452	9,27275,99024	11,63169	10,72724,00976	10	
37	0	9,26537,74829	11,23417	9,99250,12926	39461	9,27287,61904	11,62880	10,72712,38096	0	23
	10	9,26548,97946	11,23117	9,99249,73453	39473	9,27299,24493	11,62589	10,72700,75507	50	
	20	9,26560,20762	11,22816	9,99249,33970	39483	9,27310,86792	11,62299	10,72689,13208	40	
	30	9,26571,43278	11,22516	9,99248,94477	39493	9,27322,48801	11,62009	10,72677,51199	30	
	40	9,26582,65493	11,22215	9,99248,54973	39504	9,27334,10520	11,61719	10,72665,89480	20	
	50	9,26593,87408	11,21915	9,99248,15458	39515	9,27345,71950	11,61430	10,72654,28050	10	
38	0	9,26605,09023	11,21615	9,99247,75933	39525	9,27357,33091	11,61141	10,72642,66909	0	22
	10	9,26616,30339	11,21316	9,99247,36397	39536	9,27368,93942	11,60851	10,72631,06058	50	
	20	9,26627,51355	11,21016	9,99246,96851	39546	9,27380,54504	11,60562	10,72619,45496	40	
	30	9,26638,72071	11,20716	9,99246,57294	39557	9,27392,14778	11,60274	10,72607,85222	30	
	40	9,26649,92488	11,20417	9,99246,17726	39568	9,27403,74762	11,59984	10,72596,25238	20	
	50	9,26661,12606	11,20118	9,99245,78148	39578	9,27415,34458	11,59696	10,72584,65542	10	
39	0	9,26672,32425	11,19819	9,99245,38559	39589	9,27426,93865	11,59407	10,72573,06135	0	21
	10	9,26683,51945	11,19520	9,99244,98960	39599	9,27438,52985	11,59120	10,72561,47015	50	
	20	9,26694,71166	11,19221	9,99244,59350	39610	9,27450,11816	11,58831	10,72549,88184	40	
	30	9,26705,90089	11,18923	9,99244,19730	39620	9,27461,70359	11,58543	10,72538,29641	30	
	40	9,26717,08713	11,18624	9,99243,80099	39631	9,27473,28614	11,58255	10,72526,71386	20	
	50	9,26728,27039	11,18326	9,99243,40458	39641	9,27484,86581	11,57967	10,72515,13419	10	
40	0	9,26739,45067	11,18028	9,99243,00806	39652	9,27496,44261	11,57680	10,72503,55739	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,26739,45067		9,99243,00806		9,27496,44261		10,72503,55739	0	20
	10	9,26750,62797	11,17730	9,99242,61143	39663	9,27508,01654	11,57393	10,72491,98346	50	
	20	9,26761,80229	11,17432	9,99242,21470	39673	9,27519,58759	11,57105	10,72480,41241	40	
	30	9,26772,97363	11,17134	9,99241,81786	39684	9,27531,15577	11,56818	10,72468,84423	30	
	40	9,26784,14200	11,16837	9,99241,42092	39694	9,27542,72109	11,56532	10,72457,27891	20	
	50	9,26795,30740	11,16540	9,99241,02387	39705	9,27554,28353	11,56244	10,72445,71647	10	
41	0	9,26806,46983	11,16243	9,99240,62671	39716	9,27565,84311	11,55958	10,72434,15689	0	19
	10	9,26817,62928	11,15945	9,99240,22945	39726	9,27577,39983	11,55672	10,72422,60017	50	
	20	9,26828,78577	11,15649	9,99239,83209	39736	9,27588,95368	11,55385	10,72411,04632	40	
	30	9,26839,93928	11,15351	9,99239,43461	39748	9,27600,50467	11,55099	10,72399,49533	30	
	40	9,26851,08984	11,15056	9,99239,03704	39757	9,27612,05280	11,54813	10,72387,94720	20	
	50	9,26862,23742	11,14758	9,99238,63935	39769	9,27623,59807	11,54527	10,72376,40193	10	
42	0	9,26873,38205	11,14463	9,99238,24156	39779	9,27635,14049	11,54242	10,72364,85951	0	18
	10	9,26884,52371	11,14166	9,99237,84367	39789	9,27646,68005	11,53956	10,72353,31995	50	
	20	9,26895,66242	11,13871	9,99237,44567	39800	9,27658,21675	11,53670	10,72341,78325	40	
	30	9,26906,79817	11,13575	9,99237,04756	39811	9,27669,75060	11,53385	10,72330,24940	30	
	40	9,26917,93096	11,13279	9,99236,64935	39821	9,27681,28161	11,53101	10,72318,71839	20	
	50	9,26929,06079	11,12983	9,99236,25103	39832	9,27692,80976	11,52815	10,72307,19024	10	
43	0	9,26940,18767	11,12688	9,99235,85261	39842	9,27704,33506	11,52530	10,72295,66494	0	17
	10	9,26951,31160	11,12393	9,99235,45408	39853	9,27715,85752	11,52246	10,72284,14248	50	
	20	9,26962,43258	11,12098	9,99235,05545	39863	9,27727,37713	11,51961	10,72272,62287	40	
	30	9,26973,55061	11,11803	9,99234,65670	39875	9,27738,89390	11,51677	10,72261,10610	30	
	40	9,26984,66569	11,11508	9,99234,25786	39884	9,27750,40783	11,51393	10,72249,59217	20	
	50	9,26995,77783	11,11214	9,99233,85891	39895	9,27761,91892	11,51109	10,72238,08108	10	
44	0	9,27006,88702	11,10919	9,99233,45985	39906	9,27773,42717	11,50825	10,72226,57283	0	16
	10	9,27017,99327	11,10625	9,99233,06068	39917	9,27784,93258	11,50541	10,72215,06742	50	
	20	9,27029,09657	11,10330	9,99232,66142	39926	9,27796,43516	11,50258	10,72203,56484	40	
	30	9,27040,19694	11,10037	9,99232,26204	39938	9,27807,93490	11,49974	10,72192,06510	30	
	40	9,27051,29437	11,09743	9,99231,86256	39948	9,27819,43181	11,49691	10,72180,56819	20	
	50	9,27062,38886	11,09449	9,99231,46297	39959	9,27830,92589	11,49408	10,72169,07411	10	
45	0	9,27073,48042	11,09156	9,99231,06328	39969	9,27842,41714	11,49125	10,72157,58286	0	15
	10	9,27084,56904	11,08862	9,99230,66348	39980	9,27853,90555	11,48841	10,72146,09445	50	
	20	9,27095,65473	11,08569	9,99230,26358	39990	9,27865,39115	11,48560	10,72134,60885	40	
	30	9,27106,73748	11,08275	9,99229,86357	40001	9,27876,87392	11,48277	10,72123,12608	30	
	40	9,27117,81731	11,07983	9,99229,46345	40012	9,27888,35386	11,47994	10,72111,64614	20	
	50	9,27128,89421	11,07690	9,99229,06323	40022	9,27899,83098	11,47712	10,72100,16902	10	
46	0	9,27139,96819	11,07398	9,99228,66290	40033	9,27911,30528	11,47430	10,72088,69472	0	14
	10	9,27151,03924	11,07105	9,99228,26247	40043	9,27922,77676	11,47148	10,72077,22324	50	
	20	9,27162,10736	11,06812	9,99227,86193	40054	9,27934,24543	11,46867	10,72065,75457	40	
	30	9,27173,17256	11,06520	9,99227,46129	40064	9,27945,71128	11,46585	10,72054,28872	30	
	40	9,27184,23485	11,06229	9,99227,06054	40075	9,27957,17431	11,46303	10,72042,82569	20	
	50	9,27195,29421	11,05936	9,99226,65968	40086	9,27968,63453	11,46022	10,72031,36547	10	
47	0	9,27206,35066	11,05645	9,99226,25872	40096	9,27980,09193	11,45740	10,72019,90807	0	13
	10	9,27217,40419	11,05353	9,99225,85765	40107	9,27991,54653	11,45460	10,72008,45347	50	
	20	9,27228,45480	11,05061	9,99225,45648	40117	9,28002,99832	11,45179	10,71997,00168	40	
	30	9,27239,50250	11,04770	9,99225,05520	40128	9,28014,44730	11,44898	10,71985,55270	30	
	40	9,27250,54729	11,04479	9,99224,65382	40138	9,28025,89348	11,44618	10,71974,10652	20	
	50	9,27261,58917	11,04188	9,99224,25233	40149	9,28037,33685	11,44337	10,71962,66315	10	
48	0	9,27272,62814	11,03897	9,99223,85073	40160	9,28048,77741	11,44056	10,71951,22259	0	12
	10	9,27283,66421	11,03607	9,99223,44903	40170	9,28060,21518	11,43777	10,71939,78482	50	
	20	9,27294,69737	11,03316	9,99223,04722	40181	9,28071,65015	11,43497	10,71928,34985	40	
	30	9,27305,72762	11,03025	9,99222,64531	40191	9,28083,08231	11,43216	10,71916,91769	30	
	40	9,27316,75497	11,02735	9,99222,24329	40202	9,28094,51169	11,42938	10,71905,48831	20	
	50	9,27327,77942	11,02445	9,99221,84116	40213	9,28105,93826	11,42657	10,71894,06174	10	
49	0	9,27338,80097	11,02155	9,99221,43893	40223	9,28117,36204	11,42378	10,71882,63796	0	11
	10	9,27349,81962	11,01865	9,99221,03659	40234	9,28128,78303	11,42099	10,71871,21697	50	
	20	9,27360,83538	11,01576	9,99220,63415	40244	9,28140,20123	11,41820	10,71859,79877	40	
	30	9,27371,84824	11,01286	9,99220,23160	40255	9,28151,61664	11,41541	10,71848,38336	30	
	40	9,27382,85820	11,00996	9,99219,82895	40265	9,28163,02926	11,41262	10,71836,97074	20	
	50	9,27393,86528	11,00708	9,99219,42619	40276	9,28174,43909	11,40983	10,71825,56091	10	
50	0	9,27404,86946	11,00418	9,99219,02332	40287	9,28185,84614	11,40705	10,71814,15386	0	10
			11,00129		40297		11,40426			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,27404,86946	11,00129	9,99219,02332	40297	9,28185,84614	11,40426	10,71814,15386	0	10
	10	9,27415,87075	10,99840	9,99218,62035	40308	9,28197,25040	11,40148	10,71802,74960	50	
	20	9,27426,86915	10,99552	9,99218,21727	40318	9,28208,65188	11,39870	10,71791,34812	40	
	30	9,27437,86467	10,99263	9,99217,81409	40329	9,28220,05058	11,39592	10,71779,94942	30	
	40	9,27448,85730	10,98975	9,99217,41080	40340	9,28231,44650	11,39315	10,71768,55350	20	
	50	9,27459,84705	10,98687	9,99217,00740	40350	9,28242,83965	11,39036	10,71757,16035	10	
51	0	9,27470,83392	10,98398	9,99216,60390	40360	9,28254,23001	11,38760	10,71745,76999	0	9
	10	9,27481,81790	10,98111	9,99216,20030	40372	9,28265,61761	11,38481	10,71734,38239	50	
	20	9,27492,79901	10,97823	9,99215,79658	40381	9,28277,00242	11,38205	10,71722,99758	40	
	30	9,27503,77724	10,97535	9,99215,39277	40393	9,28288,38447	11,37928	10,71711,61553	30	
	40	9,27514,75259	10,97247	9,99214,98884	40403	9,28299,76375	11,37650	10,71700,23625	20	
	50	9,27525,72506	10,96961	9,99214,58481	40413	9,28311,14025	11,37374	10,71688,85975	10	
52	0	9,27536,69467	10,96673	9,99214,18068	40425	9,28322,51399	11,37097	10,71677,48601	0	8
	10	9,27547,66140	10,96386	9,99213,77643	40434	9,28333,88496	11,36821	10,71666,11504	50	
	20	9,27558,62526	10,96099	9,99213,37209	40446	9,28345,25317	11,36545	10,71654,74683	40	
	30	9,27569,58625	10,95812	9,99212,96763	40456	9,28356,61862	11,36268	10,71643,38138	30	
	40	9,27580,54437	10,95526	9,99212,56307	40466	9,28367,98130	11,35992	10,71632,01870	20	
	50	9,27591,49963	10,95239	9,99212,15841	40477	9,28379,34122	11,35716	10,71620,65878	10	
53	0	9,27602,45202	10,94953	9,99211,75364	40488	9,28390,69838	11,35441	10,71609,30162	0	7
	10	9,27613,40155	10,94667	9,99211,34876	40498	9,28402,05279	11,35165	10,71597,94721	50	
	20	9,27624,34822	10,94380	9,99210,94378	40509	9,28413,40444	11,34889	10,71586,59556	40	
	30	9,27635,29202	10,94095	9,99210,53869	40520	9,28424,75333	11,34614	10,71575,24667	30	
	40	9,27646,23297	10,93809	9,99210,13349	40530	9,28436,09947	11,34339	10,71563,90053	20	
	50	9,27657,17106	10,93523	9,99209,72819	40540	9,28447,44286	11,34064	10,71552,55714	10	
54	0	9,27668,10629	10,93238	9,99209,32279	40551	9,28458,78350	11,33789	10,71541,21650	0	6
	10	9,27679,03867	10,92952	9,99208,91728	40562	9,28470,12139	11,33515	10,71529,87861	50	
	20	9,27689,96819	10,92668	9,99208,51166	40573	9,28481,45654	11,33239	10,71518,54346	40	
	30	9,27700,89487	10,92382	9,99208,10593	40582	9,28492,78893	11,32965	10,71507,21107	30	
	40	9,27711,81869	10,92097	9,99207,70011	40594	9,28504,11858	11,32691	10,71495,88142	20	
	50	9,27722,73966	10,91813	9,99207,29417	40604	9,28515,44549	11,32417	10,71484,55451	10	
55	0	9,27733,65779	10,91528	9,99206,88813	40615	9,28526,76966	11,32143	10,71473,23034	0	5
	10	9,27744,57307	10,91243	9,99206,48198	40625	9,28538,09109	11,31869	10,71461,90891	50	
	20	9,27755,48550	10,90960	9,99206,07573	40636	9,28549,40978	11,31595	10,71450,59022	40	
	30	9,27766,39510	10,90675	9,99205,66937	40647	9,28560,72573	11,31321	10,71439,27427	30	
	40	9,27777,30185	10,90391	9,99205,26290	40657	9,28572,03894	11,31048	10,71427,96106	20	
	50	9,27788,20576	10,90107	9,99204,85633	40667	9,28583,34942	11,30775	10,71416,65058	10	
56	0	9,27799,10683	10,89823	9,99204,44966	40679	9,28594,65717	11,30501	10,71405,34283	0	4
	10	9,27810,00506	10,89540	9,99204,04287	40688	9,28605,96218	11,30229	10,71394,03782	50	
	20	9,27820,90046	10,89256	9,99203,63599	40700	9,28617,26447	11,29956	10,71382,73553	40	
	30	9,27831,79302	10,88973	9,99203,22899	40710	9,28628,56403	11,29682	10,71371,43597	30	
	40	9,27842,68275	10,88689	9,99202,82189	40720	9,28639,86085	11,29411	10,71360,13915	20	
	50	9,27853,56964	10,88407	9,99202,41469	40732	9,28651,15496	11,29138	10,71348,84504	10	
57	0	9,27864,45371	10,88124	9,99202,00737	40741	9,28662,44634	11,28865	10,71337,55366	0	3
	10	9,27875,33495	10,87840	9,99201,59996	40753	9,28673,73499	11,28593	10,71326,26501	50	
	20	9,27886,21335	10,87559	9,99201,19243	40763	9,28685,02092	11,28322	10,71314,97908	40	
	30	9,27897,08894	10,87276	9,99200,78480	40773	9,28696,30414	11,28049	10,71303,69586	30	
	40	9,27907,96170	10,86993	9,99200,37707	40785	9,28707,58463	11,27778	10,71292,41537	20	
	50	9,27918,83163	10,86711	9,99199,96922	40794	9,28718,86241	11,27506	10,71281,13759	10	
58	0	9,27929,69874	10,86430	9,99199,56128	40806	9,28730,13747	11,27234	10,71269,86253	0	2
	10	9,27940,56304	10,86147	9,99199,15322	40816	9,28741,40981	11,26963	10,71258,59019	50	
	20	9,27951,42451	10,85865	9,99198,74506	40826	9,28752,67944	11,26692	10,71247,32056	40	
	30	9,27962,28316	10,85584	9,99198,33680	40837	9,28763,94636	11,26421	10,71236,05364	30	
	40	9,27973,13900	10,85303	9,99197,92843	40848	9,28775,21057	11,26151	10,71224,78943	20	
	50	9,27983,99203	10,85021	9,99197,51995	40858	9,28786,47208	11,25879	10,71213,52792	10	
59	0	9,27994,84224	10,84740	9,99197,11137	40869	9,28797,73087	11,25609	10,71202,26913	0	1
	10	9,28005,68964	10,84458	9,99196,70268	40879	9,28808,98696	11,25338	10,71191,01304	50	
	20	9,28016,53422	10,84178	9,99196,29389	40891	9,28820,24034	11,25068	10,71179,75966	40	
	30	9,28027,37600	10,83897	9,99195,88498	40900	9,28831,49102	11,24797	10,71168,50898	30	
	40	9,28038,21497	10,83617	9,99195,47598	40911	9,28842,73899	11,24528	10,71157,26101	20	
	50	9,28049,05114	10,83336	9,99195,06687	40922	9,28853,98427	11,24258	10,71146,01573	10	
60	0	9,28059,88450	10,83055	9,99194,65765	40933	9,28865,22685	11,23988	10,71134,77315	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
0	0	9,28059,88450		9,99194,65765		9,28865,22685		10,71134,77315	0	60
	10	9,28070,71505	10,83055	9,99194,24832	40933	9,28876,46673	11,23988	10,71123,53327	50	
	20	9,28081,54280	10,82775	9,99193,83889	40943	9,28887,70391	11,23718	10,71112,29609	40	
	30	9,28092,36775	10,82495	9,99193,42936	40953	9,28898,93840	11,23449	10,71101,06160	30	
	40	9,28103,18991	10,82216	9,99193,01971	40965	9,28910,17019	11,23179	10,71089,82981	20	
	50	9,28114,00926	10,81935	9,99192,60997	40974	9,28921,39929	11,22910	10,71078,60071	10	
1	0	9,28124,82582	10,81656	9,99192,20011	40986	9,28932,62571	11,22642	10,71067,37429	0	59
	10	9,28135,63958	10,81376	9,99191,79015	40996	9,28943,84943	11,22372	10,71056,15057	50	
	20	9,28146,45055	10,81097	9,99191,38009	41006	9,28955,07046	11,22103	10,71044,92954	40	
	30	9,28157,25872	10,80817	9,99190,96991	41018	9,28966,28881	11,21835	10,71033,71119	30	
	40	9,28168,06411	10,80539	9,99190,55964	41027	9,28977,50447	11,21566	10,71022,49553	20	
	50	9,28178,86670	10,80259	9,99190,14925	41039	9,28988,71745	11,21298	10,71011,28255	10	
2	0	9,28189,66651	10,79981	9,99189,73876	41049	9,28999,92775	11,21030	10,71000,07225	0	58
	10	9,28200,46353	10,79702	9,99189,32817	41059	9,29011,13536	11,20761	10,70988,86464	50	
	20	9,28211,25776	10,79423	9,99188,91746	41071	9,29022,34030	11,20494	10,70977,65970	40	
	30	9,28222,04921	10,79145	9,99188,50666	41080	9,29033,54255	11,20225	10,70966,45745	30	
	40	9,28232,83787	10,78866	9,99188,09574	41092	9,29044,74213	11,19958	10,70955,25787	20	
	50	9,28243,62376	10,78589	9,99187,68472	41102	9,29055,93904	11,19691	10,70944,06096	10	
3	0	9,28254,40686	10,78310	9,99187,27360	41112	9,29067,13327	11,19423	10,70932,86673	0	57
	10	9,28265,18719	10,78033	9,99186,86237	41123	9,29078,32482	11,19155	10,70921,67518	50	
	20	9,28275,96474	10,77755	9,99186,45103	41134	9,29089,51371	11,18889	10,70910,48629	40	
	30	9,28286,73951	10,77477	9,99186,03958	41145	9,29100,69993	11,18622	10,70899,30007	30	
	40	9,28297,51151	10,77200	9,99185,62804	41154	9,29111,88347	11,18354	10,70888,11653	20	
	50	9,28308,28073	10,76922	9,99185,21638	41166	9,29123,06435	11,18088	10,70876,93565	10	
4	0	9,28319,04719	10,76646	9,99184,80462	41176	9,29134,24257	11,17822	10,70865,75743	0	56
	10	9,28329,81087	10,76368	9,99184,39275	41187	9,29145,41812	11,17555	10,70854,58188	50	
	20	9,28340,57178	10,76091	9,99183,98078	41197	9,29156,59100	11,17288	10,70843,40900	40	
	30	9,28351,32993	10,75815	9,99183,56870	41208	9,29167,76123	11,17023	10,70832,23877	30	
	40	9,28362,08531	10,75538	9,99183,15651	41219	9,29178,92879	11,16756	10,70821,07121	20	
	50	9,28372,83792	10,75261	9,99182,74422	41229	9,29190,09370	11,16491	10,70809,90630	10	
5	0	9,28383,58777	10,74985	9,99182,33182	41240	9,29201,25595	11,16225	10,70798,74405	0	55
	10	9,28394,33486	10,74709	9,99181,91932	41250	9,29212,41554	11,15959	10,70787,58446	50	
	20	9,28405,07919	10,74433	9,99181,50671	41261	9,29223,57248	11,15694	10,70776,42752	40	
	30	9,28415,82075	10,74156	9,99181,09400	41271	9,29234,72676	11,15428	10,70765,27324	30	
	40	9,28426,55956	10,73881	9,99180,68117	41283	9,29245,87839	11,15163	10,70754,12161	20	
	50	9,28437,29562	10,73606	9,99180,26825	41292	9,29257,02737	11,14898	10,70742,97263	10	
6	0	9,28448,02892	10,73330	9,99179,85521	41304	9,29268,17370	11,14633	10,70731,82630	0	54
	10	9,28458,75946	10,73054	9,99179,44207	41314	9,29279,31739	11,14369	10,70720,68261	50	
	20	9,28469,48725	10,72779	9,99179,02883	41324	9,29290,45842	11,14103	10,70709,54158	40	
	30	9,28480,21229	10,72504	9,99178,61548	41335	9,29301,59681	11,13839	10,70698,40319	30	
	40	9,28490,93458	10,72229	9,99178,20202	41346	9,29312,73256	11,13575	10,70687,26744	20	
	50	9,28501,65412	10,71954	9,99177,78846	41356	9,29323,86566	11,13310	10,70676,13434	10	
7	0	9,28512,37091	10,71679	9,99177,37479	41367	9,29334,99613	11,13047	10,70665,00387	0	53
	10	9,28523,08496	10,71405	9,99176,96101	41378	9,29346,12395	11,12782	10,70653,87605	50	
	20	9,28533,79626	10,71130	9,99176,54713	41388	9,29357,24913	11,12518	10,70642,75087	40	
	30	9,28544,50482	10,70856	9,99176,13314	41399	9,29368,37168	11,12255	10,70631,62832	30	
	40	9,28555,21064	10,70582	9,99175,71905	41409	9,29379,49159	11,11991	10,70620,50841	20	
	50	9,28565,91372	10,70308	9,99175,30485	41420	9,29390,60887	11,11728	10,70609,39113	10	
8	0	9,28576,61406	10,70034	9,99174,89054	41431	9,29401,72352	11,11465	10,70598,27648	0	52
	10	9,28587,31166	10,69760	9,99174,47613	41441	9,29412,83553	11,11201	10,70587,16447	50	
	20	9,28598,00652	10,69486	9,99174,06161	41452	9,29423,94491	11,10938	10,70576,05509	40	
	30	9,28608,69865	10,69213	9,99173,64699	41462	9,29435,05166	11,10675	10,70564,94834	30	
	40	9,28619,38805	10,68940	9,99173,23226	41473	9,29446,15579	11,10413	10,70553,84421	20	
	50	9,28630,07471	10,68666	9,99172,81742	41484	9,29457,25729	11,10150	10,70542,74271	10	
9	0	9,28640,75864	10,68393	9,99172,40248	41494	9,29468,35616	11,09887	10,70531,64384	0	51
	10	9,28651,43984	10,68120	9,99171,98743	41505	9,29479,45241	11,09625	10,70520,54759	50	
	20	9,28662,11832	10,67848	9,99171,57228	41515	9,29490,54604	11,09363	10,70509,45396	40	
	30	9,28672,79407	10,67575	9,99171,15702	41526	9,29501,63704	11,09100	10,70498,36296	30	
	40	9,28683,46709	10,67302	9,99170,74165	41537	9,29512,72543	11,08839	10,70487,27457	20	
	50	9,28694,13738	10,67029	9,99170,32618	41547	9,29523,81120	11,08577	10,70476,18880	10	
10	0	9,28704,80496	10,66758	9,99169,91060	41558	9,29534,89435	11,08315	10,70465,10565	0	50
			10,66485		41568		11,08054			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
10	0	9,28704,80496		9,99169,91060		9,29534,89435		10,70465,10565	0	50
	10	9,28715,46981	10,66485	9,99169,49492	41568	9,29545,97489	11,08054	10,70454,02511	50	
	20	9,28726,13194	10,66213	9,99169,07913	41579	9,29557,05281	11,07792	10,70442,94719	40	
	30	9,28736,79135	10,65941	9,99168,66323	41590	9,29568,12812	11,07531	10,70431,87188	30	
	40	9,28747,44805	10,65670	9,99168,24723	41600	9,29579,20082	11,07270	10,70420,79918	20	
	50	9,28758,10203	10,65398	9,99167,83112	41611	9,29590,27090	11,07008	10,70409,72910	10	
11	0	9,28768,75329	10,65126	9,99167,41491	41621	9,29601,33838	11,06748	10,70398,66162	0	49
			10,64855		41632		11,06487			
	10	9,28779,40184	10,64584	9,99166,99859	41643	9,29612,40325	11,06227	10,70387,59675	50	
	20	9,28790,04768	10,64312	9,99166,58216	41653	9,29623,46552	11,05966	10,70376,53448	40	
	30	9,28800,69080	10,64042	9,99166,16563	41664	9,29634,52518	11,05705	10,70365,47482	30	
	40	9,28811,33122	10,63771	9,99165,74899	41675	9,29645,58223	11,05445	10,70354,41777	20	
	50	9,28821,96893	10,63500	9,99165,33224	41685	9,29656,63668	11,05186	10,70343,36332	10	
12	0	9,28832,60393	10,63230	9,99164,91539	41695	9,29667,68854	11,04925	10,70332,31146	0	48
			10,62959	9,99164,49844	41707	9,29678,73779	11,04665	10,70321,26221	50	
	10	9,28843,23623	10,62689	9,99164,08137	41717	9,29689,78444	11,04406	10,70310,21556	40	
	20	9,28853,86582	10,62418	9,99163,66420	41727	9,29700,82850	11,04146	10,70299,17150	30	
	30	9,28864,49271	10,62149	9,99163,24693	41738	9,29711,86996	11,03887	10,70288,13004	20	
	40	9,28875,11689	10,61878	9,99162,82955	41749	9,29722,90883	11,03627	10,70277,09117	10	
	50	9,28885,73838	10,61609	9,99162,41206	41759	9,29733,94510	11,03369	10,70266,05490	0	47
13	0	9,28896,35716	10,61340	9,99161,99447	41770	9,29744,97879	11,03109	10,70255,02121	50	
			10,61069	9,99161,57677	41781	9,29756,00988	11,02850	10,70243,99012	40	
	10	9,28906,97325	10,60801	9,99161,15896	41791	9,29767,03838	11,02592	10,70232,96162	30	
	20	9,28917,58665	10,60531	9,99160,74105	41802	9,29778,06430	11,02333	10,70221,93570	20	
	30	9,28928,19734	10,60262	9,99160,32303	41812	9,29789,08763	11,02074	10,70210,91237	10	
	40	9,28938,80535	10,59993	9,99159,90491	41823	9,29800,10837	11,01816	10,70199,89163	0	46
	50	9,28949,41066	10,59724	9,99159,48668	41834	9,29811,12653	11,01558	10,70188,87347	50	
14	0	9,28960,01328	10,59456	9,99159,06834	41844	9,29822,14211	11,01300	10,70177,85789	40	
			10,59186	9,99158,64990	41855	9,29833,15511	11,01041	10,70166,84489	30	
	10	9,28970,61321	10,58919	9,99158,23135	41865	9,29844,16552	11,00784	10,70155,83448	20	
	20	9,28981,21045	10,58650	9,99157,81270	41877	9,29855,17336	11,00526	10,70144,82664	10	
	30	9,28991,80501	10,58382	9,99157,39393	41886	9,29866,17862	11,00269	10,70133,82138	0	45
	40	9,29002,39687	10,58113	9,99156,97507	41898	9,29877,18131	11,00011	10,70122,81869	50	
	50	9,29012,98606	10,57846	9,99156,55609	41907	9,29888,18142	10,99754	10,70111,81858	40	
15	0	9,29023,57256	10,57578	9,99156,13702	41919	9,29899,17896	10,99496	10,70100,82104	30	
			10,57311	9,99155,71783	41929	9,29910,17392	10,99240	10,70089,82608	20	
	10	9,29034,15638	10,57042	9,99155,29854	41940	9,29921,16632	10,98982	10,70078,83368	10	
	20	9,29044,73751	10,56776	9,99154,87914	41950	9,29932,15614	10,98726	10,70067,84386	0	44
	30	9,29055,31597	10,56508	9,99154,45964	41961	9,29943,14340	10,98469	10,70056,85660	50	
	40	9,29065,89175	10,56241	9,99154,04003	41972	9,29954,12809	10,98212	10,70045,87191	40	
	50	9,29076,46486	10,55974	9,99153,62031	41982	9,29965,11021	10,97956	10,70034,88979	30	
16	0	9,29087,03528	10,55707	9,99153,20049	41993	9,29976,08977	10,97700	10,70023,91023	20	
			10,55440	9,99152,78056	42003	9,29987,06677	10,97444	10,70012,93323	10	
	10	9,29097,60304	10,55173	9,99152,36053	42014	9,29998,04121	10,97188	10,70001,95879	0	43
	20	9,29108,16812	10,54907	9,99151,94039	42025	9,30009,01309	10,96931	10,69990,98691	50	
	30	9,29118,73053	10,54641	9,99151,52014	42035	9,30019,98240	10,96676	10,69980,01760	40	
	40	9,29129,29027	10,54374	9,99151,09979	42046	9,30030,94916	10,96421	10,69969,05084	30	
	50	9,29139,84734	10,54109	9,99150,67933	42057	9,30041,91337	10,96164	10,69958,08663	20	
	0	9,29150,40174	10,53842	9,99150,25876	42067	9,30052,87501	10,95910	10,69947,12499	10	
17			10,53577	9,99149,83809	42077	9,30063,83411	10,95654	10,69936,16589	0	42
	10	9,29160,95347	10,53310	9,99149,41732	42089	9,30074,79065	10,95399	10,69925,20935	50	
	20	9,29171,50254	10,53045	9,99148,99643	42099	9,30085,74464	10,95144	10,69914,25536	40	
	30	9,29182,04895	10,52780	9,99148,57544	42109	9,30096,69608	10,94889	10,69903,30392	30	
	40	9,29192,59269	10,52514	9,99148,15435	42120	9,30107,64497	10,94635	10,69892,35503	20	
	50	9,29203,13378	10,52249	9,99147,73315	42131	9,30118,59132	10,94380	10,69881,40868	10	
	0	9,29213,67220	10,51984	9,99147,31184	42142	9,30129,53512	10,94125	10,69870,46488	0	41
18			10,51719	9,99146,89042	42152	9,30140,47637	10,93871	10,69859,52363	50	
	10	9,29224,20797	10,51454	9,99146,46890	42162	9,30151,41508	10,93617	10,69848,58492	40	
	20	9,29234,74107	10,51190	9,99146,04728	42174	9,30162,35125	10,93363	10,69837,64875	30	
	30	9,29245,27152	10,50925	9,99145,62554	42184	9,30173,28488	10,93108	10,69826,71512	20	
	40	9,29255,79932	10,50660	9,99145,20370	42194	9,30184,21596	10,92855	10,69815,78404	10	
	50	9,29266,32446	10,50396	9,99144,78176	42205	9,30195,14451	10,92602	10,69804,85549	0	40
19	0	9,29276,84695								
20										
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
20	0	9,29339,92627		9,99144,78176		9,30195,14451		10,69804,85549	o	40
	10	9,29350,43023	10,50396	9,99144,35971	42205	9,30206,07053	10,92602	10,69793,92947	50	
	20	9,29360,93155	10,50132	9,99143,93755	42216	9,30216,99400	10,92347	10,69783,00600	40	
	30	9,29371,43023	10,49868	9,99143,51529	42226	9,30227,91494	10,92094	10,69772,08506	30	
	40	9,29381,92627	10,49604	9,99143,09292	42237	9,30238,83335	10,91841	10,69761,16665	20	
	50	9,29392,41967	10,49340	9,99142,67044	42248	9,30249,74923	10,91588	10,69750,25077	10	
21	0	9,29402,91043	10,49076	9,99142,24786	42258	9,30260,66258	10,91335	10,69739,33742	o	39
	10	9,29413,39856	10,48813	9,99141,82517	42269	9,30271,57339	10,91081	10,69728,42661	50	
	20	9,29423,88406	10,48550	9,99141,40238	42279	9,30282,48168	10,90829	10,69717,51832	40	
	30	9,29434,36692	10,48286	9,99140,97947	42291	9,30293,38744	10,90576	10,69706,61256	30	
	40	9,29444,84715	10,48023	9,99140,55647	42300	9,30304,29068	10,90324	10,69695,70932	20	
	50	9,29455,32475	10,47760	9,99140,13335	42312	9,30315,19139	10,90071	10,69684,80861	10	
22	0	9,29465,79972	10,47497	9,99139,71013	42322	9,30326,08958	10,89819	10,69673,91042	o	38
	10	9,29476,27206	10,47234	9,99139,28681	42332	9,30336,98525	10,89567	10,69663,01475	50	
	20	9,29486,74177	10,46971	9,99138,86338	42343	9,30347,87840	10,89315	10,69652,12160	40	
	30	9,29497,20886	10,46709	9,99138,43984	42354	9,30358,76902	10,89062	10,69641,23098	30	
	40	9,29507,67333	10,46447	9,99138,01620	42364	9,30369,65713	10,88811	10,69630,34287	20	
	50	9,29518,13517	10,46184	9,99137,59244	42376	9,30380,54273	10,88560	10,69619,45727	10	
23	0	9,29528,59439	10,45922	9,99137,16859	42385	9,30391,42580	10,88307	10,69608,57420	o	37
	10	9,29539,05099	10,45660	9,99136,74463	42396	9,30402,30637	10,88057	10,69597,69363	50	
	20	9,29549,50497	10,45398	9,99136,32056	42407	9,30413,18442	10,87805	10,69586,81558	40	
	30	9,29559,95634	10,45137	9,99135,89638	42418	9,30424,05996	10,87554	10,69575,94004	30	
	40	9,29570,40508	10,44874	9,99135,47210	42428	9,30434,93298	10,87302	10,69565,06702	20	
	50	9,29580,85121	10,44613	9,99135,04771	42439	9,30445,80350	10,87052	10,69554,19650	10	
24	0	9,29591,29473	10,44352	9,99134,62322	42449	9,30456,67152	10,86802	10,69543,32848	o	36
	10	9,29601,73564	10,44091	9,99134,19862	42460	9,30467,53702	10,86550	10,69532,46298	50	
	20	9,29612,17393	10,43829	9,99133,77391	42471	9,30478,40002	10,86300	10,69521,59998	40	
	30	9,29622,60961	10,43568	9,99133,34910	42481	9,30489,26052	10,86050	10,69510,73948	30	
	40	9,29633,04269	10,43308	9,99132,92418	42492	9,30500,11851	10,85799	10,69499,88149	20	
	50	9,29643,47315	10,43046	9,99132,49915	42503	9,30510,97400	10,85549	10,69489,02600	10	
25	0	9,29653,90101	10,42786	9,99132,07402	42513	9,30521,82699	10,85299	10,69478,17301	o	35
	10	9,29664,32627	10,42526	9,99131,64878	42524	9,30532,67748	10,85049	10,69467,32252	50	
	20	9,29674,74892	10,42265	9,99131,22344	42534	9,30543,52548	10,84800	10,69456,47452	40	
	30	9,29685,16896	10,42004	9,99130,79799	42545	9,30554,37097	10,84549	10,69445,62903	30	
	40	9,29695,58641	10,41745	9,99130,37243	42556	9,30565,21398	10,84301	10,69434,78602	20	
	50	9,29706,00126	10,41485	9,99129,94677	42566	9,30576,05448	10,84050	10,69423,94552	10	
26	0	9,29716,41350	10,41224	9,99129,52100	42577	9,30586,89250	10,83802	10,69413,10750	o	34
	10	9,29726,82315	10,40965	9,99129,09513	42587	9,30597,72802	10,83552	10,69402,27198	50	
	20	9,29737,23020	10,40705	9,99128,66915	42598	9,30608,56106	10,83304	10,69391,43894	40	
	30	9,29747,63466	10,40446	9,99128,24306	42609	9,30619,39160	10,83054	10,69380,60840	30	
	40	9,29758,03652	10,40186	9,99127,81686	42620	9,30630,21966	10,82806	10,69369,78034	20	
	50	9,29768,43579	10,39927	9,99127,39056	42630	9,30641,04523	10,82557	10,69358,95477	10	
27	0	9,29778,83247	10,39668	9,99126,96416	42640	9,30651,86831	10,82308	10,69348,13169	o	33
	10	9,29789,22656	10,39409	9,99126,53765	42651	9,30662,68891	10,82060	10,69337,31109	50	
	20	9,29799,61806	10,39150	9,99126,11103	42662	9,30673,50703	10,81812	10,69326,49297	40	
	30	9,29810,00697	10,38891	9,99125,68430	42673	9,30684,32267	10,81564	10,69315,67733	30	
	40	9,29820,39329	10,38632	9,99125,25747	42683	9,30695,13582	10,81315	10,69304,86418	20	
	50	9,29830,77703	10,38374	9,99124,83053	42694	9,30705,94650	10,81068	10,69294,05350	10	
28	0	9,29841,15819	10,38116	9,99124,40349	42704	9,30716,75470	10,80820	10,69283,24530	o	32
	10	9,29851,53676	10,37857	9,99123,97634	42715	9,30727,56042	10,80572	10,69272,43958	50	
	20	9,29861,91275	10,37599	9,99123,54908	42726	9,30738,36367	10,80325	10,69261,63633	40	
	30	9,29872,28616	10,37341	9,99123,12172	42736	9,30749,16444	10,80077	10,69250,83556	30	
	40	9,29882,65699	10,37083	9,99122,69425	42747	9,30759,96274	10,79830	10,69240,03726	20	
	50	9,29893,02524	10,36825	9,99122,26667	42758	9,30770,75857	10,79583	10,69229,24143	10	
29	0	9,29903,39092	10,36568	9,99121,83899	42768	9,30781,55193	10,79336	10,69218,44807	o	31
	10	9,29913,75402	10,36310	9,99121,41120	42779	9,30792,34282	10,79089	10,69207,65718	50	
	20	9,29924,11455	10,36053	9,99120,98331	42789	9,30803,13124	10,78842	10,69196,86876	40	
	30	9,29934,47250	10,35795	9,99120,55531	42800	9,30813,91719	10,78595	10,69186,08281	30	
	40	9,29944,82788	10,35538	9,99120,12720	42811	9,30824,70068	10,78349	10,69175,29932	20	
	50	9,29955,18069	10,35281	9,99119,69899	42821	9,30835,48170	10,78102	10,69164,51830	10	
30	0	9,29965,53093	10,35024	9,99119,27067	42832	9,30846,26026	10,77856	10,69153,73974	o	30
		Sin. Comple.	10,34767	SINVVM	42843	Tang. compl.	10,77610	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
30	0	9,29965,53093		9,99119,27067		9,30846,26026		10,69153,73974	0	30
	10	9,29975,87860	10,34767	9,99118,84224	42843	9,30857,03636	10,77610	10,69142,96364	50	
	20	9,29986,22371	10,34511	9,99118,41371	42853	9,30867,81000	10,77364	10,69132,19000	40	
	30	9,29996,56625	10,34254	9,99117,98507	42864	9,30878,58118	10,77118	10,69121,41882	30	
	40	9,30006,90623	10,33998	9,99117,55633	42874	9,30889,34990	10,76872	10,69110,65010	20	
	50	9,30017,24364	10,33741	9,99117,12748	42885	9,30900,11616	10,76626	10,69099,88384	10	
31	0	9,30027,57849	10,33485	9,99116,69852	42896	9,30910,87997	10,76381	10,69089,12003	0	29
	10	9,30037,91078	10,33229	9,99116,26946	42906	9,30921,64132	10,76135	10,69078,35868	50	
	20	9,30048,24051	10,32973	9,99115,84029	42917	9,30932,40022	10,75890	10,69067,59978	40	
	30	9,30058,56768	10,32717	9,99115,41101	42928	9,30943,15667	10,75645	10,69056,84333	30	
	40	9,30068,89229	10,32461	9,99114,98163	42938	9,30953,91067	10,75400	10,69046,08933	20	
	50	9,30079,21435	10,32206	9,99114,55214	42949	9,30964,66222	10,75155	10,69035,33778	10	
32	0	9,30089,53386	10,31951	9,99114,12254	42960	9,30975,41132	10,74910	10,69024,58868	0	28
	10	9,30099,85081	10,31695	9,99113,69284	42970	9,30986,15797	10,74665	10,69013,84203	50	
	20	9,30110,16520	10,31439	9,99113,26303	42981	9,30996,90217	10,74420	10,69003,09783	40	
	30	9,30120,47705	10,31185	9,99112,83312	42991	9,31007,64393	10,74176	10,68992,35607	30	
	40	9,30130,78635	10,30930	9,99112,40310	43002	9,31018,38325	10,73932	10,68981,61675	20	
	50	9,30141,09310	10,30675	9,99111,97297	43013	9,31029,12013	10,73688	10,68970,87987	10	
33	0	9,30151,39730	10,30420	9,99111,54274	43023	9,31039,85456	10,73443	10,68960,14544	0	27
	10	9,30161,69895	10,30165	9,99111,11240	43034	9,31050,58655	10,73199	10,68949,41345	50	
	20	9,30171,99806	10,29911	9,99110,68195	43045	9,31061,31611	10,72956	10,68938,68389	40	
	30	9,30182,29463	10,29657	9,99110,25140	43055	9,31072,04323	10,72712	10,68927,95677	30	
	40	9,30192,58865	10,29402	9,99109,82074	43066	9,31082,76791	10,72468	10,68917,23209	20	
	50	9,30202,88013	10,29148	9,99109,38998	43076	9,31093,49015	10,72224	10,68906,50985	10	
34	0	9,30213,16907	10,28894	9,99108,95910	43088	9,31104,20997	10,71982	10,68895,79003	0	26
	10	9,30223,45547	10,28640	9,99108,52813	43097	9,31114,92735	10,71738	10,68885,07265	50	
	20	9,30233,73934	10,28387	9,99108,09704	43109	9,31125,64229	10,71494	10,68874,35771	40	
	30	9,30244,02066	10,28132	9,99107,66585	43119	9,31136,35481	10,71252	10,68863,64519	30	
	40	9,30254,29946	10,27880	9,99107,23455	43130	9,31147,06490	10,71009	10,68852,93510	20	
	50	9,30264,57571	10,27625	9,99106,80315	43140	9,31157,77256	10,70766	10,68842,22744	10	
35	0	9,30274,84944	10,27373	9,99106,37164	43151	9,31168,47780	10,70524	10,68831,52220	0	25
	10	9,30285,12063	10,27119	9,99105,94003	43161	9,31179,18061	10,70281	10,68820,81939	50	
	20	9,30295,38929	10,26866	9,99105,50830	43173	9,31189,88099	10,70038	10,68810,11901	40	
	30	9,30305,65543	10,26614	9,99105,07647	43183	9,31200,57895	10,69796	10,68799,42105	30	
	40	9,30315,91903	10,26360	9,99104,64454	43193	9,31211,27449	10,69554	10,68788,72551	20	
	50	9,30326,18011	10,26108	9,99104,21250	43204	9,31221,96761	10,69312	10,68778,03239	10	
36	0	9,30336,43866	10,25855	9,99103,78035	43215	9,31232,65831	10,69070	10,68767,34169	0	24
	10	9,30346,69469	10,25603	9,99103,34810	43225	9,31243,34659	10,68828	10,68756,65341	50	
	20	9,30356,94819	10,25350	9,99102,91574	43236	9,31254,03245	10,68586	10,68745,96755	40	
	30	9,30367,19917	10,25098	9,99102,48327	43247	9,31264,71590	10,68345	10,68735,28410	30	
	40	9,30377,44763	10,24846	9,99102,05070	43257	9,31275,39694	10,68104	10,68724,60306	20	
	50	9,30387,69357	10,24594	9,99101,61802	43268	9,31286,07556	10,67862	10,68713,92444	10	
37	0	9,30397,93699	10,24342	9,99101,18523	43279	9,31296,75176	10,67620	10,68703,24824	0	23
	10	9,30408,17790	10,24091	9,99100,75234	43289	9,31307,42556	10,67380	10,68692,57444	50	
	20	9,30418,41629	10,23839	9,99100,31934	43300	9,31318,09695	10,67139	10,68681,90305	40	
	30	9,30428,65216	10,23587	9,99099,88623	43311	9,31328,76592	10,66897	10,68671,23408	30	
	40	9,30438,88552	10,23336	9,99099,45302	43321	9,31339,43249	10,66657	10,68660,56751	20	
	50	9,30449,11636	10,23084	9,99099,01970	43332	9,31350,09666	10,66417	10,68649,90334	10	
38	0	9,30459,34470	10,22834	9,99098,58628	43342	9,31360,75842	10,66176	10,68639,24158	0	22
	10	9,30469,57052	10,22582	9,99098,15275	43353	9,31371,41777	10,65935	10,68628,58223	50	
	20	9,30479,79383	10,22331	9,99097,71911	43364	9,31382,07472	10,65695	10,68617,92528	40	
	30	9,30490,01464	10,22081	9,99097,28537	43374	9,31392,72927	10,65455	10,68607,27073	30	
	40	9,30500,23294	10,21830	9,99096,85152	43385	9,31403,38142	10,65215	10,68596,61858	20	
	50	9,30510,44873	10,21579	9,99096,41756	43396	9,31414,03117	10,64975	10,68585,96883	10	
39	0	9,30520,66202	10,21329	9,99095,98350	43406	9,31424,67852	10,64735	10,68575,32148	0	21
	10	9,30530,87281	10,21079	9,99095,54933	43417	9,31435,32348	10,64496	10,68564,67652	50	
	20	9,30541,08109	10,20828	9,99095,11505	43428	9,31445,96604	10,64256	10,68554,03396	40	
	30	9,30551,28687	10,20578	9,99094,68067	43438	9,31456,60620	10,64016	10,68543,39380	30	
	40	9,30561,49016	10,20329	9,99094,24618	43449	9,31467,24398	10,63778	10,68532,75602	20	
	50	9,30571,69094	10,20078	9,99093,81159	43459	9,31477,87936	10,63538	10,68522,12064	10	
40	0	9,30581,88923	10,19829	9,99093,37688	43471	9,31488,51234	10,63298	10,68511,48766	0	20
			10,19579		43480		10,63060			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
40	0	9,30581,88923		9,99093,37688		9,31488,51234		10,68511,48766	0	20
41	10	9,30592,08502	10,19579	9,99092,94208	43480	9,31499,14294	10,63060	10,68500,85706	50	19
	20	9,30602,27831	10,19329	9,99092,50716	43492	9,31509,77115	10,62821	10,68490,22885	40	
	30	9,30612,46912	10,19081	9,99092,07214	43502	9,31520,39697	10,62582	10,68479,60303	30	
	40	9,30622,65742	10,18830	9,99091,63701	43513	9,31531,02041	10,62344	10,68468,97959	20	
	50	9,30632,84324	10,18582	9,99091,20178	43523	9,31541,64146	10,62105	10,68458,35854	10	
	0	9,30643,02657	10,18333	9,99090,76644	43534	9,31552,26013	10,61867	10,68447,73987	0	
	10	9,30653,20740	10,18083	9,99090,33099	43545	9,31562,87641	10,61628	10,68437,12359	50	
	20	9,30663,38575	10,17835	9,99089,89544	43555	9,31573,49031	10,61390	10,68426,50969	40	
	30	9,30673,56162	10,17587	9,99089,45978	43566	9,31584,10183	10,61152	10,68415,89817	30	
	40	9,30683,73499	10,17337	9,99089,02402	43576	9,31594,71098	10,60915	10,68405,28902	20	
42	50	9,30693,90588	10,17089	9,99088,58814	43588	9,31605,31774	10,60676	10,68394,68226	10	18
	0	9,30704,07429	10,16841	9,99088,15216	43598	9,31615,92213	10,60439	10,68384,07787	0	
	10	9,30714,24022	10,16593	9,99087,71608	43608	9,31626,52414	10,60201	10,68373,47586	50	
	20	9,30724,40366	10,16344	9,99087,27989	43619	9,31637,12378	10,59964	10,68362,87622	40	
	30	9,30734,56463	10,16097	9,99086,84359	43630	9,31647,72104	10,59726	10,68352,27896	30	
	40	9,30744,72311	10,15848	9,99086,40718	43641	9,31658,31593	10,59489	10,68341,68407	20	
	50	9,30754,87912	10,15601	9,99085,97067	43651	9,31668,90845	10,59252	10,68331,09155	10	
	0	9,30765,03265	10,15353	9,99085,53406	43661	9,31679,49860	10,59015	10,68320,50140	0	
	10	9,30775,18371	10,15106	9,99085,09733	43673	9,31690,08638	10,58778	10,68309,91362	50	
	20	9,30785,33229	10,14858	9,99084,66050	43683	9,31700,67179	10,58541	10,68299,32821	40	
43	30	9,30795,47840	10,14611	9,99084,22356	43694	9,31711,25484	10,58305	10,68288,74516	30	17
	40	9,30805,62204	10,14364	9,99083,78652	43704	9,31721,83552	10,58068	10,68278,16448	20	
	50	9,30815,76321	10,14117	9,99083,34937	43715	9,31732,41384	10,57832	10,68267,58616	10	
	0	9,30825,90191	10,13870	9,99082,91211	43726	9,31742,98979	10,57595	10,68257,01021	0	
	10	9,30836,03813	10,13622	9,99082,47475	43736	9,31753,56338	10,57359	10,68246,43662	50	
	20	9,30846,17190	10,13377	9,99082,03728	43747	9,31764,13461	10,57123	10,68235,86539	40	
	30	9,30856,30319	10,13129	9,99081,59971	43757	9,31774,70349	10,56888	10,68225,29651	30	
	40	9,30866,43202	10,12883	9,99081,16202	43769	9,31785,27000	10,56651	10,68214,73000	20	
	50	9,30876,55839	10,12637	9,99080,72424	43778	9,31795,83415	10,56415	10,68204,16585	10	
	0	9,30886,68229	10,12390	9,99080,28634	43790	9,31806,39595	10,56180	10,68193,60405	0	
44	10	9,30896,80374	10,12145	9,99079,84834	43800	9,31816,95540	10,55945	10,68183,04460	50	16
	20	9,30906,92272	10,11898	9,99079,41023	43811	9,31827,51249	10,55709	10,68172,48751	40	
	30	9,30917,03924	10,11652	9,99078,97201	43822	9,31838,06723	10,55474	10,68161,93277	30	
	40	9,30927,15331	10,11407	9,99078,53369	43832	9,31848,61961	10,55238	10,68151,38039	20	
	50	9,30937,26491	10,11160	9,99078,09527	43842	9,31859,16965	10,55004	10,68140,83035	10	
	0	9,30947,37407	10,10916	9,99077,65673	43854	9,31869,71734	10,54769	10,68130,28266	0	
	10	9,30957,48076	10,10669	9,99077,21809	43864	9,31880,26267	10,54533	10,68119,73733	50	
	20	9,30967,58501	10,10425	9,99076,77934	43875	9,31890,80567	10,54300	10,68109,19433	40	
	30	9,30977,68680	10,10179	9,99076,34049	43885	9,31901,34631	10,54064	10,68098,65369	30	
	40	9,30987,78614	10,09934	9,99075,90153	43896	9,31911,88461	10,53830	10,68088,11539	20	
45	50	9,30997,88303	10,09689	9,99075,46246	43907	9,31922,42057	10,53596	10,68077,57943	10	15
	0	9,31007,97747	10,09444	9,99075,02329	43917	9,31932,95419	10,53362	10,68067,04581	0	
	10	9,31018,06947	10,09200	9,99074,58401	43928	9,31943,48546	10,53127	10,68056,51454	50	
	20	9,31028,15901	10,08954	9,99074,14462	43939	9,31954,01439	10,52893	10,68045,98561	40	
	30	9,31038,24612	10,08711	9,99073,70513	43949	9,31964,54099	10,52660	10,68035,45901	30	
	40	9,31048,33077	10,08465	9,99073,26553	43960	9,31975,06524	10,52425	10,68024,93476	20	
	50	9,31058,41299	10,08222	9,99072,82582	43971	9,31985,58716	10,52192	10,68014,41284	10	
	0	9,31068,49276	10,07977	9,99072,38601	43981	9,31996,10675	10,51959	10,68003,89325	0	
	10	9,31078,57009	10,07733	9,99071,94609	43992	9,32006,62400	10,51725	10,67993,37600	50	
	20	9,31088,64498	10,07489	9,99071,50607	44002	9,32017,13892	10,51492	10,67982,86108	40	
46	30	9,31098,71743	10,07245	9,99071,06593	44014	9,32027,65150	10,51258	10,67972,34850	30	14
	40	9,31108,78745	10,07002	9,99070,62570	44023	9,32038,16175	10,51025	10,67961,83825	20	
	50	9,31118,85503	10,06758	9,99070,18535	44035	9,32048,66968	10,50793	10,67951,33032	10	
	0	9,31128,92017	10,06514	9,99069,74490	44045	9,32059,17527	10,50559	10,67940,82473	0	
	10	9,31138,98288	10,06271	9,99069,30434	44056	9,32069,67854	10,50327	10,67930,32146	50	
	20	9,31149,04316	10,06028	9,99068,86367	44067	9,32080,17948	10,50094	10,67919,82052	40	
	30	9,31159,10100	10,05784	9,99068,42290	44077	9,32090,67810	10,49862	10,67909,32190	30	
	40	9,31169,15641	10,05541	9,99067,98203	44087	9,32101,17439	10,49629	10,67898,82561	20	
	50	9,31179,20940	10,05299	9,99067,54104	44099	9,32111,66836	10,49397	10,67888,33164	10	
	0	9,31189,25995	10,05055	9,99067,09995	44109	9,32122,16000	10,49164	10,67877,84000	0	
47	0		10,04813		44120		10,48933		0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. communes.	Tang. compl. Logarithmi.		
50	0	9,31189,25995		9,99067,09995	44120	9,32122,16000		10,67877,84000	0	10
	10	9,31199,30808	10,04813	9,99066,65875	44130	9,32132,64933	10,48933	10,67867,35067	50	
	20	9,31209,35378	10,04570	9,99066,21745	44141	9,32143,13633	10,48700	10,67856,86367	40	
	30	9,31219,39705	10,04327	9,99065,77604	44152	9,32153,62102	10,48469	10,67846,37898	30	
	40	9,31229,43791	10,04086	9,99065,33452	44162	9,32164,10339	10,48237	10,67835,89661	20	
	50	9,31239,47634	10,03843	9,99064,89290	44174	9,32174,58344	10,48005	10,67825,41656	10	
51	0	9,31249,51234	10,03600	9,99064,45116	44183	9,32185,06118	10,47774	10,67814,93882	0	9
	10	9,31259,54593	10,03359	9,99064,00933	44195	9,32195,53660	10,47542	10,67804,46340	50	
	20	9,31269,57710	10,03117	9,99063,56738	44205	9,32206,00971	10,47311	10,67793,99029	40	
	30	9,31279,60584	10,02874	9,99063,12533	44215	9,32216,48051	10,47080	10,67783,51949	30	
	40	9,31289,63217	10,02633	9,99062,68318	44227	9,32226,94900	10,46849	10,67773,05100	20	
	50	9,31299,65609	10,02392	9,99062,24091	44237	9,32237,41518	10,46618	10,67762,58482	10	
52	0	9,31309,67759	10,02150	9,99061,79854	44247	9,32247,87904	10,46386	10,67752,12096	0	8
	10	9,31319,69667	10,01908	9,99061,35607	44259	9,32258,34061	10,46157	10,67741,65939	50	
	20	9,31329,71335	10,01668	9,99060,91348	44269	9,32268,79986	10,45925	10,67731,20014	40	
	30	9,31339,72761	10,01426	9,99060,47079	44279	9,32279,25681	10,45695	10,67720,74319	30	
	40	9,31349,73946	10,01185	9,99060,02800	44291	9,32289,71146	10,45465	10,67710,28854	20	
	50	9,31359,74890	10,00944	9,99059,58509	44291	9,32300,16380	10,45234	10,67699,83620	10	
53	0	9,31369,75593	10,00703	9,99059,14209	44300	9,32310,61384	10,45004	10,67689,38616	0	7
	10	9,31379,76055	10,00462	9,99058,69897	44312	9,32321,06158	10,44774	10,67678,93842	50	
	20	9,31389,76277	10,00222	9,99058,25575	44322	9,32331,50703	10,44545	10,67668,49297	40	
	30	9,31399,76259	9,99982	9,99057,81242	44333	9,32341,95017	10,44314	10,67658,04983	30	
	40	9,31409,76000	9,99741	9,99057,36898	44344	9,32352,39101	10,44084	10,67647,60899	20	
	50	9,31419,75500	9,99500	9,99056,92544	44354	9,32362,82956	10,43855	10,67637,17044	10	
54	0	9,31429,74761	9,99261	9,99056,48179	44365	9,32373,26582	10,43626	10,67626,73418	0	6
	10	9,31439,73781	9,99020	9,99056,03803	44376	9,32383,69978	10,43396	10,67616,30022	50	
	20	9,31449,72561	9,98780	9,99055,59417	44386	9,32394,13144	10,43166	10,67605,86856	40	
	30	9,31459,71102	9,98541	9,99055,15020	44397	9,32404,56082	10,42938	10,67595,43918	30	
	40	9,31469,69403	9,98301	9,99054,70613	44407	9,32414,98790	10,42708	10,67585,01210	20	
	50	9,31479,67464	9,98061	9,99054,26194	44419	9,32425,41270	10,42480	10,67574,58730	10	
55	0	9,31489,65286	9,97822	9,99053,81766	44428	9,32435,83520	10,42250	10,67564,16480	0	5
	10	9,31499,62868	9,97582	9,99053,37326	44440	9,32446,25542	10,42022	10,67553,74458	50	
	20	9,31509,60211	9,97343	9,99052,92876	44450	9,32456,67335	10,41793	10,67543,32665	40	
	30	9,31519,57315	9,97104	9,99052,48415	44461	9,32467,08900	10,41565	10,67532,91100	30	
	40	9,31529,54179	9,96864	9,99052,03943	44472	9,32477,50236	10,41336	10,67522,49764	20	
	50	9,31539,50805	9,96626	9,99051,59461	44482	9,32487,91344	10,41108	10,67512,08656	10	
56	0	9,31549,47192	9,96387	9,99051,14968	44493	9,32498,32224	10,40880	10,67501,67776	0	4
	10	9,31559,43340	9,96148	9,99050,70465	44503	9,32508,72875	10,40651	10,67491,27125	50	
	20	9,31569,39250	9,95910	9,99050,25951	44514	9,32519,13299	10,40424	10,67480,86701	40	
	30	9,31579,34921	9,95671	9,99049,81426	44525	9,32529,53495	10,40196	10,67470,46505	30	
	40	9,31589,30353	9,95432	9,99049,36890	44536	9,32539,93463	10,39968	10,67460,06537	20	
	50	9,31599,25547	9,95194	9,99048,92344	44546	9,32550,33203	10,39740	10,67449,66797	10	
57	0	9,31609,20503	9,94956	9,99048,47787	44557	9,32560,72716	10,39513	10,67439,27284	0	3
	10	9,31619,15221	9,94718	9,99048,03220	44567	9,32571,12002	10,39286	10,67428,87998	50	
	20	9,31629,09701	9,94480	9,99047,58642	44578	9,32581,51060	10,39058	10,67418,48940	40	
	30	9,31639,03943	9,94242	9,99047,14053	44589	9,32591,89891	10,38831	10,67408,10109	30	
	40	9,31648,97948	9,94005	9,99046,69453	44600	9,32602,28494	10,38603	10,67397,71506	20	
	50	9,31658,91714	9,93766	9,99046,24843	44610	9,32612,66871	10,38377	10,67387,33129	10	
58	0	9,31668,85243	9,93529	9,99045,80222	44621	9,32623,05021	10,38150	10,67376,94979	0	2
	10	9,31678,78535	9,93292	9,99045,35591	44631	9,32633,42944	10,37923	10,67366,57056	50	
	20	9,31688,71589	9,93054	9,99044,90948	44643	9,32643,80641	10,37697	10,67356,19359	40	
	30	9,31698,64406	9,92817	9,99044,46296	44652	9,32654,18111	10,37470	10,67345,81889	30	
	40	9,31708,56986	9,92580	9,99044,01632	44664	9,32664,55354	10,37243	10,67335,44646	20	
	50	9,31718,49329	9,92343	9,99043,56958	44674	9,32674,92371	10,37017	10,67325,07629	10	
59	0	9,31728,41435	9,92106	9,99043,12273	44685	9,32685,29162	10,36791	10,67314,70838	0	1
	10	9,31738,33305	9,91870	9,99042,67578	44695	9,32695,65727	10,36565	10,67304,34273	50	
	20	9,31748,24937	9,91632	9,99042,22871	44707	9,32706,02066	10,36339	10,67293,97934	40	
	30	9,31758,16333	9,91396	9,99041,78155	44716	9,32716,38179	10,36113	10,67283,61821	30	
	40	9,31768,07493	9,91160	9,99041,33427	44728	9,32726,74066	10,35887	10,67273,25934	20	
	50	9,31777,98416	9,90923	9,99040,88689	44738	9,32737,09727	10,35661	10,67262,90273	10	
60	0	9,31787,89103	9,90687	9,99040,43940	44749	9,32747,45163	10,35436	10,67252,54837	0	0
		Sin. Comple.	9,90451	SINVVM	44760	Tang. compl.	10,35210	TANGEN.	S	M

12		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
0	0	9,31787,89103		9,99040,43940		9,32747,45163		10,67252,54837	0	60
	10	9,31797,79554	9,90451	9,99039,99180	44760	9,32757,80373	10,35210	10,67242,19627	50	
	20	9,31807,69768	9,90214	9,99039,54410	44770	9,32768,15358	10,34985	10,67231,84642	40	
	30	9,31817,59747	9,89979	9,99039,09629	44781	9,32778,50118	10,34760	10,67221,49882	30	
	40	9,31827,49490	9,89743	9,99038,64838	44791	9,32788,84652	10,34534	10,67211,15348	20	
	50	9,31837,38997	9,89507	9,99038,20036	44802	9,32799,18962	10,34310	10,67200,81038	10	
1	0	9,31847,28269	9,89272	9,99037,75223	44813	9,32809,53046	10,34084	10,67190,46954	0	59
	10	9,31857,17305	9,89036	9,99037,30399	44824	9,32819,86906	10,33860	10,67180,13094	50	
	20	9,31867,06106	9,88801	9,99036,85565	44834	9,32830,20541	10,33635	10,67169,79459	40	
	30	9,31876,94672	9,88566	9,99036,40720	44845	9,32840,53951	10,33410	10,67159,46049	30	
	40	9,31886,83002	9,88330	9,99035,95865	44855	9,32850,87137	10,33186	10,67149,12863	20	
	50	9,31896,71097	9,88095	9,99035,50998	44867	9,32861,20099	10,32962	10,67138,79901	10	
2	0	9,31906,58957	9,87860	9,99035,06121	44877	9,32871,52836	10,32737	10,67128,47164	0	58
	10	9,31916,46583	9,87626	9,99034,61234	44887	9,32881,85349	10,32513	10,67118,14651	50	
	20	9,31926,33974	9,87391	9,99034,16336	44898	9,32892,17638	10,32289	10,67107,82362	40	
	30	9,31936,21130	9,87156	9,99033,71427	44909	9,32902,49703	10,32065	10,67097,50297	30	
	40	9,31946,08051	9,86921	9,99033,26507	44920	9,32912,81544	10,31841	10,67087,18456	20	
	50	9,31955,94738	9,86687	9,99032,81577	44930	9,32923,13161	10,31617	10,67076,86839	10	
3	0	9,31965,81191	9,86453	9,99032,36636	44941	9,32933,44555	10,31394	10,67066,55445	0	57
	10	9,31975,67410	9,86219	9,99031,91684	44952	9,32943,75725	10,31170	10,67056,24275	50	
	20	9,31985,53394	9,85984	9,99031,46722	44962	9,32954,06672	10,30947	10,67045,93328	40	
	30	9,31995,39144	9,85750	9,99031,01749	44973	9,32964,37395	10,30723	10,67035,62605	30	
	40	9,32005,24661	9,85517	9,99030,56766	44983	9,32974,67895	10,30500	10,67025,32105	20	
	50	9,32015,09944	9,85283	9,99030,11771	44995	9,32984,98172	10,30277	10,67015,01828	10	
4	0	9,32024,94993	9,85049	9,99029,66766	45005	9,32995,28226	10,30054	10,67004,71774	0	56
	10	9,32034,79808	9,84815	9,99029,21751	45015	9,33005,58058	10,29832	10,66994,41942	50	
	20	9,32044,64390	9,84582	9,99028,76724	45027	9,33015,87666	10,29608	10,66984,12334	40	
	30	9,32054,48739	9,84349	9,99028,31687	45037	9,33026,17052	10,29386	10,66973,82948	30	
	40	9,32064,32854	9,84115	9,99027,86640	45047	9,33036,46215	10,29163	10,66963,53785	20	
	50	9,32074,16736	9,83882	9,99027,41581	45059	9,33046,75155	10,28940	10,66953,24845	10	
5	0	9,32084,00386	9,83650	9,99026,96512	45069	9,33057,03873	10,28718	10,66942,96127	0	55
	10	9,32093,83802	9,83416	9,99026,51433	45079	9,33067,32369	10,28496	10,66932,67631	50	
	20	9,32103,66985	9,83183	9,99026,06342	45091	9,33077,60643	10,28274	10,66922,39357	40	
	30	9,32113,49936	9,82951	9,99025,61241	45101	9,33087,88695	10,28052	10,66912,11305	30	
	40	9,32123,32654	9,82718	9,99025,16129	45112	9,33098,16524	10,27829	10,66901,83476	20	
	50	9,32133,15139	9,82485	9,99024,71007	45122	9,33108,44132	10,27608	10,66891,55868	10	
6	0	9,32142,97392	9,82253	9,99024,25874	45133	9,33118,71518	10,27386	10,66881,28482	0	54
	10	9,32152,79413	9,82021	9,99023,80730	45144	9,33128,98683	10,27165	10,66871,01317	50	
	20	9,32162,61202	9,81789	9,99023,35576	45154	9,33139,25626	10,26943	10,66860,74374	40	
	30	9,32172,42758	9,81556	9,99022,90411	45165	9,33149,52347	10,26721	10,66850,47653	30	
	40	9,32182,24083	9,81325	9,99022,45235	45176	9,33159,78848	10,26501	10,66840,21152	20	
	50	9,32192,05175	9,81092	9,99022,00048	45187	9,33170,05127	10,26279	10,66829,94873	10	
7	0	9,32201,86036	9,80861	9,99021,54851	45197	9,33180,31185	10,26058	10,66819,68815	0	53
	10	9,32211,66665	9,80629	9,99021,09643	45208	9,33190,57022	10,25837	10,66809,42978	50	
	20	9,32221,47062	9,80397	9,99020,64425	45218	9,33200,82638	10,25616	10,66799,17362	40	
	30	9,32231,27228	9,80166	9,99020,19196	45229	9,33211,08033	10,25395	10,66788,91967	30	
	40	9,32241,07163	9,79935	9,99019,73956	45240	9,33221,33207	10,25174	10,66778,66793	20	
	50	9,32250,86867	9,79704	9,99019,28705	45251	9,33231,58161	10,24954	10,66768,41839	10	
8	0	9,32260,66339	9,79472	9,99018,83444	45261	9,33241,82895	10,24734	10,66758,17105	0	52
	10	9,32270,45580	9,79241	9,99018,38172	45272	9,33252,07408	10,24513	10,66747,92592	50	
	20	9,32280,24590	9,79010	9,99017,92890	45282	9,33262,31700	10,24292	10,66737,68300	40	
	30	9,32290,03369	9,78779	9,99017,47596	45294	9,33272,55773	10,24073	10,66727,44227	30	
	40	9,32299,81918	9,78549	9,99017,02292	45304	9,33282,79626	10,23853	10,66717,20374	20	
	50	9,32309,60236	9,78318	9,99016,56978	45314	9,33293,03258	10,23632	10,66706,96742	10	
9	0	9,32319,38323	9,78087	9,99016,11653	45325	9,33303,26671	10,23413	10,66696,73329	0	51
	10	9,32329,16180	9,77857	9,99015,66317	45336	9,33313,49864	10,23193	10,66686,50136	50	
	20	9,32338,93807	9,77627	9,99015,20970	45347	9,33323,72837	10,22973	10,66676,27163	40	
	30	9,32348,71204	9,77397	9,99014,75613	45357	9,33333,95591	10,22754	10,66666,04409	30	
	40	9,32358,48370	9,77166	9,99014,30244	45369	9,33344,18125	10,22534	10,66655,81875	20	
	50	9,32368,25306	9,76936	9,99013,84866	45378	9,33354,40440	10,22315	10,66645,59560	10	
10	0	9,32378,02013	9,76707	9,99013,39476	45390	9,33364,62536	10,22096	10,66635,37464	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

12		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
10	o	9,32378,02013		9,99013,39476		9,33364,62536		10,66635,37464	o	50
	10	9,32387,78489	9,76476	9,99012,94076	45400	9,33374,84413	10,21877	10,66625,15587	50	
	20	9,32397,54736	9,76247	9,99012,48666	45410	9,33385,06070	10,21657	10,66614,93930	40	
	30	9,32407,30753	9,76017	9,99012,03244	45422	9,33395,27509	10,21439	10,66604,72491	30	
	40	9,32417,06541	9,75788	9,99011,57812	45432	9,33405,48729	10,21220	10,66594,51271	20	
	50	9,32426,82099	9,75558	9,99011,12369	45443	9,33415,69730	10,21001	10,66584,30270	10	
11	o	9,32436,57429	9,75330	9,99010,66916	45453	9,33425,90513	10,20783	10,66574,09487	o	49
	10	9,32446,32528	9,75099	9,99010,21452	45464	9,33436,11077	10,20564	10,66563,88923	50	
	20	9,32456,07399	9,74871	9,99009,75977	45475	9,33446,31422	10,20345	10,66553,68578	40	
	30	9,32465,82041	9,74642	9,99009,30491	45486	9,33456,51550	10,20128	10,66543,48450	30	
	40	9,32475,56454	9,74413	9,99008,84995	45496	9,33466,71459	10,19909	10,66533,28541	20	
	50	9,32485,30638	9,74184	9,99008,39488	45507	9,33476,91150	10,19691	10,66523,08850	10	
12	o	9,32495,04593	9,73955	9,99007,93970	45518	9,33487,10623	10,19473	10,66512,89377	o	48
	10	9,32504,78320	9,73727	9,99007,48442	45528	9,33497,29878	10,19255	10,66502,70122	50	
	20	9,32514,51819	9,73499	9,99007,02903	45539	9,33507,48915	10,19037	10,66492,51085	40	
	30	9,32524,25089	9,73270	9,99006,57354	45549	9,33517,67735	10,18820	10,66482,32265	30	
	40	9,32533,98130	9,73041	9,99006,11793	45561	9,33527,86337	10,18602	10,66472,13663	20	
	50	9,32543,70944	9,72814	9,99005,66222	45571	9,33538,04722	10,18385	10,66461,95278	10	
13	o	9,32553,43530	9,72586	9,99005,20641	45581	9,33548,22889	10,18167	10,66451,77111	o	47
	10	9,32563,15887	9,72357	9,99004,75048	45593	9,33558,40839	10,17950	10,66441,59161	50	
	20	9,32572,88017	9,72130	9,99004,29445	45603	9,33568,58572	10,17733	10,66431,41428	40	
	30	9,32582,59919	9,71902	9,99003,83831	45614	9,33578,76087	10,17515	10,66421,23913	30	
	40	9,32592,31593	9,71674	9,99003,38207	45624	9,33588,93386	10,17299	10,66411,06614	20	
	50	9,32602,03040	9,71447	9,99002,92572	45635	9,33599,10468	10,17082	10,66400,89532	10	
14	o	9,32611,74259	9,71219	9,99002,46926	45646	9,33609,27333	10,16865	10,66390,72667	o	46
	10	9,32621,45251	9,70992	9,99002,01269	45657	9,33619,43982	10,16649	10,66380,56018	50	
	20	9,32631,16016	9,70765	9,99001,55602	45667	9,33629,60413	10,16431	10,66370,39587	40	
	30	9,32640,86553	9,70537	9,99001,09924	45678	9,33639,76629	10,16216	10,66360,23371	30	
	40	9,32650,56864	9,70311	9,99000,64236	45688	9,33649,92628	10,15999	10,66350,07372	20	
	50	9,32660,26947	9,70083	9,99000,18536	45700	9,33660,08411	10,15783	10,66339,91589	10	
15	o	9,32669,96804	9,69857	9,98999,72826	45710	9,33670,23977	10,15566	10,66329,76023	o	45
	10	9,32679,66434	9,69630	9,98999,27106	45720	9,33680,39328	10,15351	10,66319,60672	50	
	20	9,32689,35837	9,69403	9,98998,81374	45732	9,33690,54462	10,15134	10,66309,45538	40	
	30	9,32699,05014	9,69177	9,98998,35632	45742	9,33700,69381	10,14919	10,66299,30619	30	
	40	9,32708,73964	9,68950	9,98997,89880	45752	9,33710,84084	10,14703	10,66289,15916	20	
	50	9,32718,42688	9,68724	9,98997,44116	45764	9,33720,98572	10,14488	10,66279,01428	10	
16	o	9,32728,11186	9,68498	9,98996,98342	45774	9,33731,12843	10,14271	10,66268,87157	o	44
	10	9,32737,79457	9,68271	9,98996,52557	45785	9,33741,26900	10,14057	10,66258,73100	50	
	20	9,32747,47503	9,68046	9,98996,06762	45795	9,33751,40741	10,13841	10,66248,59259	40	
	30	9,32757,15322	9,67819	9,98995,60956	45806	9,33761,54367	10,13626	10,66238,45633	30	
	40	9,32766,82916	9,67594	9,98995,15139	45817	9,33771,67777	10,13410	10,66228,32223	20	
	50	9,32776,50284	9,67368	9,98994,69311	45828	9,33781,80973	10,13196	10,66218,19027	10	
17	o	9,32786,17427	9,67143	9,98994,23473	45838	9,33791,93953	10,12980	10,66208,06047	o	43
	10	9,32795,84344	9,66917	9,98993,77624	45849	9,33802,06719	10,12766	10,66197,93281	50	
	20	9,32805,51035	9,66691	9,98993,31765	45859	9,33812,19270	10,12551	10,66187,80730	40	
	30	9,32815,17501	9,66466	9,98992,85894	45871	9,33822,31607	10,12337	10,66177,68393	30	
	40	9,32824,83742	9,66241	9,98992,40013	45881	9,33832,43729	10,12122	10,66167,56271	20	
	50	9,32834,49758	9,66016	9,98991,94122	45891	9,33842,55636	10,11907	10,66157,44364	10	
18	o	9,32844,15548	9,65790	9,98991,48219	45903	9,33852,67329	10,11693	10,66147,32671	o	42
	10	9,32853,81114	9,65566	9,98991,02306	45913	9,33862,78808	10,11479	10,66137,21192	50	
	20	9,32863,46455	9,65341	9,98990,56382	45924	9,33872,90073	10,11265	10,66127,09927	40	
	30	9,32873,11571	9,65116	9,98990,10448	45934	9,33883,01124	10,11051	10,66116,98876	30	
	40	9,32882,76463	9,64892	9,98989,64503	45945	9,33893,11960	10,10836	10,66106,88040	20	
	50	9,32892,41130	9,64667	9,98989,18547	45956	9,33903,22583	10,10623	10,66096,77417	10	
19	o	9,32902,05573	9,64443	9,98988,72580	45967	9,33913,32992	10,10409	10,66086,67008	o	41
	10	9,32911,69791	9,64218	9,98988,26603	45977	9,33923,43188	10,10196	10,66076,56812	50	
	20	9,32921,33785	9,63994	9,98987,80615	45988	9,33933,53170	10,09982	10,66066,46830	40	
	30	9,32930,97555	9,63770	9,98987,34616	45999	9,33943,62939	10,09769	10,66056,37061	30	
	40	9,32940,61101	9,63546	9,98986,88607	46009	9,33953,72494	10,09555	10,66046,27506	20	
	50	9,32950,24423	9,63322	9,98986,42587	46020	9,33963,81836	10,09342	10,66036,18164	10	
20	o	9,32959,87521	9,63098	9,98985,96556	46031	9,33973,90965	10,09129	10,66026,09035	o	40
			9,62874		46041		10,08915			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

12		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S									
20	0	9,32959,87521		9,98985,96556		9,33973,90965		10,66026,09035	0	40
	10	9,32969,50395	9,62874	9,98985,50515	46041	9,33983,99880	10,08915	10,66016,00120	50	
	20	9,32979,13046	9,62651	9,98985,04463	46052	9,33994,08583	10,08703	10,66005,91417	40	
	30	9,32988,75473	9,62427	9,98984,58400	46063	9,34004,17073	10,08490	10,65995,82927	30	
	40	9,32998,37677	9,62204	9,98984,12327	46073	9,34014,25351	10,08278	10,65985,74649	20	
	50	9,33007,99658	9,61981	9,98983,66242	46085	9,34024,33415	10,08064	10,65975,66585	10	
21	0	9,33017,61415	9,61757	9,98983,20147	46095	9,34034,41267	10,07852	10,65965,58733	0	39
			9,61534		46105		10,07640			
	10	9,33027,22949	9,61311	9,98982,74042	46117	9,34044,48907	10,07427	10,65955,51093	50	
	20	9,33036,84260	9,61088	9,98982,27925	46127	9,34054,56334	10,07215	10,65945,43666	40	
	30	9,33046,45348	9,60865	9,98981,81798	46137	9,34064,63549	10,07003	10,65935,36451	30	
	40	9,33056,06213	9,60643	9,98981,35661	46149	9,34074,70552	10,06791	10,65925,29448	20	
	50	9,33065,66856	9,60419	9,98980,89512	46159	9,34084,77343	10,06579	10,65915,22657	10	
22	0	9,33075,27275	9,60198	9,98980,43353	46169	9,34094,83922	10,06367	10,65905,16078	0	38
	10	9,33084,87473	9,59974	9,98979,97184	46181	9,34104,90289	10,06155	10,65895,09711	50	
	20	9,33094,47447	9,59753	9,98979,51003	46191	9,34114,96444	10,05944	10,65885,03556	40	
	30	9,33104,07200	9,59530	9,98979,04812	46202	9,34125,02388	10,05732	10,65874,97612	30	
	40	9,33113,66730	9,59308	9,98978,58610	46213	9,34135,08120	10,05521	10,65864,91880	20	
	50	9,33123,26038	9,59086	9,98978,12397	46223	9,34145,13641	10,05309	10,65854,86359	10	
23	0	9,33132,85124	9,58864	9,98977,66174	46234	9,34155,18950	10,05098	10,65844,81050	0	37
	10	9,33142,43988	9,58642	9,98977,19940	46245	9,34165,24048	10,04887	10,65834,75952	50	
	20	9,33152,02630	9,58421	9,98976,73695	46255	9,34175,28935	10,04676	10,65824,71065	40	
	30	9,33161,61051	9,58199	9,98976,27440	46266	9,34185,33611	10,04465	10,65814,66389	30	
	40	9,33171,19250	9,57977	9,98975,81174	46277	9,34195,38076	10,04254	10,65804,61924	20	
	50	9,33180,77227	9,57755	9,98975,34897	46287	9,34205,42330	10,04043	10,65794,57670	10	
24	0	9,33190,34982	9,57535	9,98974,88610	46299	9,34215,46373	10,03832	10,65784,53627	0	36
	10	9,33199,92517	9,57313	9,98974,42311	46308	9,34225,50205	10,03622	10,65774,49795	50	
	20	9,33209,49830	9,57092	9,98973,96003	46320	9,34235,53827	10,03412	10,65764,46173	40	
	30	9,33219,06922	9,56870	9,98973,49683	46330	9,34245,57239	10,03201	10,65754,42761	30	
	40	9,33228,63792	9,56650	9,98973,03353	46341	9,34255,60440	10,02990	10,65744,39560	20	
	50	9,33238,20442	9,56429	9,98972,57012	46352	9,34265,63430	10,02781	10,65734,36570	10	
25	0	9,33247,76871	9,56208	9,98972,10660	46362	9,34275,66211	10,02571	10,65724,33789	0	35
	10	9,33257,33079	9,55988	9,98971,64298	46373	9,34285,68782	10,02360	10,65714,31218	50	
	20	9,33266,89067	9,55766	9,98971,17925	46384	9,34295,71142	10,02151	10,65704,28858	40	
	30	9,33276,44833	9,55547	9,98970,71541	46395	9,34305,73293	10,01941	10,65694,26707	30	
	40	9,33286,00380	9,55326	9,98970,25146	46405	9,34315,75234	10,01731	10,65684,24766	20	
	50	9,33295,55706	9,55105	9,98969,78741	46416	9,34325,76965	10,01521	10,65674,23035	10	
26	0	9,33305,10811	9,54886	9,98969,32325	46427	9,34335,78486	10,01312	10,65664,21514	0	34
	10	9,33314,65697	9,54665	9,98968,85898	46437	9,34345,79798	10,01103	10,65654,20202	50	
	20	9,33324,20362	9,54445	9,98968,39461	46448	9,34355,80901	10,00893	10,65644,19099	40	
	30	9,33333,74807	9,54226	9,98967,93013	46459	9,34365,81794	10,00684	10,65634,18206	30	
	40	9,33343,29033	9,54005	9,98967,46554	46469	9,34375,82478	10,00475	10,65624,17522	20	
	50	9,33352,83038	9,53786	9,98967,00085	46480	9,34385,82953	10,00266	10,65614,17047	10	
27	0	9,33362,36824	9,53566	9,98966,53605	46491	9,34395,83219	10,00058	10,65604,16781	0	33
	10	9,33371,90390	9,53347	9,98966,07114	46502	9,34405,83277	9,99848	10,65594,16723	50	
	20	9,33381,43737	9,53127	9,98965,60612	46512	9,34415,83125	9,99639	10,65584,16875	40	
	30	9,33390,96864	9,52908	9,98965,14100	46523	9,34425,82764	9,99431	10,65574,17236	30	
	40	9,33400,49772	9,52689	9,98964,67577	46534	9,34435,82195	9,99222	10,65564,17805	20	
	50	9,33410,02461	9,52469	9,98964,21043	46544	9,34445,81417	9,99014	10,65554,18583	10	
28	0	9,33419,54930	9,52251	9,98963,74499	46555	9,34455,80431	9,98806	10,65544,19569	0	32
	10	9,33429,07181	9,52031	9,98963,27944	46566	9,34465,79237	9,98597	10,65534,20763	50	
	20	9,33438,59212	9,51813	9,98962,81378	46576	9,34475,77834	9,98389	10,65524,22166	40	
	30	9,33448,11025	9,51594	9,98962,34802	46588	9,34485,76223	9,98181	10,65514,23777	30	
	40	9,33457,62619	9,51375	9,98961,88214	46597	9,34495,74404	9,97974	10,65504,25596	20	
	50	9,33467,13994	9,51157	9,98961,41617	46609	9,34505,72378	9,97765	10,65494,27622	10	
29	0	9,33476,65151	9,50938	9,98960,95008	46619	9,34515,70143	9,97557	10,65484,29857	0	31
	10	9,33486,16089	9,50720	9,98960,48389	46630	9,34525,67700	9,97350	10,65474,32300	50	
	20	9,33495,66809	9,50501	9,98960,01759	46641	9,34535,65050	9,97143	10,65464,34950	40	
	30	9,33505,17310	9,50284	9,98959,55118	46652	9,34545,62193	9,96934	10,65454,37807	30	
	40	9,33514,67594	9,50065	9,98959,08466	46662	9,34555,59127	9,96728	10,65444,40873	20	
	50	9,33524,17659	9,49847	9,98958,61804	46673	9,34565,55855	9,96520	10,65434,44145	10	
30	0	9,33533,67506	9,49629	9,98958,15131	46683	9,34575,52375	9,96313	10,65424,47625	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

12		SINVVM	Differ.	Sin. Comple.	Diff.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.		Logarithmi.			Logarithmi.	communes.	Logarithmi.		
30	0	9.33533,67506		9.98958,15131			9.34575,52375		10,65424,47625	0	30
	10	9.33543,17135	9.49629	9.98957,68448	46683		9.34585,48688	9.96313	10,65414,51312	50	
	20	9.33552,66547	9.49412	9.98957,21753	46695		9.34595,44794	9.96106	10,65404,55206	40	
	30	9.33562,15741	9.49194	9.98956,75048	46705		9.34605,40692	9.95898	10,65394,59308	30	
	40	9.33571,64717	9.48976	9.98956,28333	46715		9.34615,36384	9.95692	10,65384,63616	20	
	50	9.33581,13476	9.48759	9.98955,81606	46727		9.34625,31870	9.95486	10,65374,68130	10	
31	0	9.33590,62017	9.48541	9.98955,34869	46737		9.34635,27148	9.95278	10,65364,72852	0	29
	10	9.33600,10341	9.48324	9.98954,88121	46748		9.34645,22220	9.95072	10,65354,77780	50	
	20	9.33609,58448	9.48107	9.98954,41363	46758		9.34655,17085	9.94865	10,65344,82915	40	
	30	9.33619,06337	9.47889	9.98953,94593	46770		9.34665,11744	9.94659	10,65334,88256	30	
	40	9.33628,54010	9.47673	9.98953,47813	46780		9.34675,06196	9.94452	10,65324,93804	20	
	50	9.33638,01465	9.47455	9.98953,01023	46790		9.34685,00442	9.94246	10,65314,99558	10	
32	0	9.33647,48704	9.47239	9.98952,54221	46802		9.34694,94483	9.94041	10,65305,05517	0	28
	10	9.33656,95726	9.47022	9.98952,07409	46812		9.34704,88317	9.93834	10,65295,11683	50	
	20	9.33666,42531	9.46805	9.98951,60586	46823		9.34714,81945	9.93628	10,65285,18055	40	
	30	9.33675,89120	9.46589	9.98951,13753	46833		9.34724,75367	9.93422	10,65275,24633	30	
	40	9.33685,35492	9.46372	9.98950,66909	46844		9.34734,68583	9.93216	10,65265,31417	20	
	50	9.33694,81648	9.46156	9.98950,20054	46855		9.34744,61594	9.93011	10,65255,38406	10	
33	0	9.33704,27587	9.45939	9.98949,73188	46866		9.34754,54399	9.92805	10,65245,45601	0	27
	10	9.33713,73311	9.45724	9.98949,26311	46877		9.34764,46999	9.92600	10,65235,53001	50	
	20	9.33723,18818	9.45507	9.98948,79424	46887		9.34774,39394	9.92395	10,65225,60606	40	
	30	9.33732,64109	9.45291	9.98948,32527	46897		9.34784,31583	9.92189	10,65215,68417	30	
	40	9.33742,09184	9.45075	9.98947,85618	46909		9.34794,23566	9.91983	10,65205,76434	20	
	50	9.33751,54044	9.44860	9.98947,38699	46919		9.34804,15345	9.91779	10,65195,84655	10	
34	0	9.33760,98688	9.44644	9.98946,91769	46930		9.34814,06919	9.91574	10,65185,93081	0	26
	10	9.33770,43116	9.44428	9.98946,44828	46941		9.34823,98288	9.91369	10,65176,01712	50	
	20	9.33779,87328	9.44212	9.98945,97877	46951		9.34833,89452	9.91164	10,65166,10548	40	
	30	9.33789,31326	9.43998	9.98945,50915	46962		9.34843,80411	9.90959	10,65156,19589	30	
	40	9.33798,75107	9.43781	9.98945,03942	46973		9.34853,71166	9.90755	10,65146,28834	20	
	50	9.33808,18674	9.43567	9.98944,56958	46984		9.34863,61716	9.90550	10,65136,38284	10	
35	0	9.33817,62025	9.43351	9.98944,09964	46994		9.34873,52061	9.90345	10,65126,47939	0	25
	10	9.33827,05162	9.43137	9.98943,62959	47005		9.34883,42203	9.90142	10,65116,57797	50	
	20	9.33836,48083	9.42921	9.98943,15943	47016		9.34893,32140	9.89937	10,65106,67860	40	
	30	9.33845,90789	9.42706	9.98942,68917	47026		9.34903,21873	9.89733	10,65096,78127	30	
	40	9.33855,33281	9.42492	9.98942,21880	47037		9.34913,11401	9.89528	10,65086,88599	20	
	50	9.33864,75558	9.42277	9.98941,74832	47048		9.34923,00726	9.89325	10,65076,99274	10	
36	0	9.33874,17620	9.42062	9.98941,27773	47059		9.34932,89847	9.89121	10,65067,10153	0	24
	10	9.33883,59468	9.41848	9.98940,80704	47069		9.34942,78764	9.88917	10,65057,21236	50	
	20	9.33893,01102	9.41634	9.98940,33624	47080		9.34952,67478	9.88714	10,65047,32522	40	
	30	9.33902,42521	9.41419	9.98939,86533	47091		9.34962,55988	9.88510	10,65037,44012	30	
	40	9.33911,83726	9.41205	9.98939,39432	47101		9.34972,44294	9.88306	10,65027,55706	20	
	50	9.33921,24716	9.40990	9.98938,92320	47112		9.34982,32397	9.88103	10,65017,67603	10	
37	0	9.33930,65493	9.40777	9.98938,45197	47123		9.34992,20296	9.87899	10,65007,79704	0	23
	10	9.33940,06056	9.40563	9.98937,98063	47134		9.35002,07993	9.87697	10,64997,92007	50	
	20	9.33949,46405	9.40349	9.98937,50919	47144		9.35011,95486	9.87493	10,64988,04514	40	
	30	9.33958,86540	9.40135	9.98937,03764	47155		9.35021,82776	9.87290	10,64978,17224	30	
	40	9.33968,26461	9.39921	9.98936,56598	47166		9.35031,69863	9.87087	10,64968,30137	20	
	50	9.33977,66169	9.39708	9.98936,09422	47176		9.35041,56747	9.86884	10,64958,43253	10	
38	0	9.33987,05663	9.39494	9.98935,62234	47188		9.35051,43429	9.86682	10,64948,56571	0	22
	10	9.33996,44944	9.39281	9.98935,15036	47198		9.35061,29908	9.86479	10,64938,70092	50	
	20	9.34005,84012	9.39068	9.98934,67828	47208		9.35071,16184	9.86276	10,64928,83816	40	
	30	9.34015,22866	9.38854	9.98934,20608	47220		9.35081,02258	9.86074	10,64918,97742	30	
	40	9.34024,61508	9.38642	9.98933,73378	47230		9.35090,88129	9.85871	10,64909,11871	20	
	50	9.34033,99936	9.38428	9.98933,26138	47240		9.35100,73798	9.85669	10,64899,26202	10	
39	0	9.34043,38151	9.38215	9.98932,78886	47252		9.35110,59265	9.85467	10,64889,40735	0	21
	10	9.34052,76154	9.38003	9.98932,31624	47262		9.35120,44530	9.85265	10,64879,55470	50	
	20	9.34062,13943	9.37789	9.98931,84351	47273		9.35130,29593	9.85063	10,64869,70407	40	
	30	9.34071,51520	9.37577	9.98931,37067	47284		9.35140,14453	9.84860	10,64859,85547	30	
	40	9.34080,88885	9.37365	9.98930,89773	47294		9.35149,99112	9.84659	10,64850,00888	20	
	50	9.34090,26037	9.37152	9.98930,42468	47305		9.35159,83569	9.84457	10,64840,16431	10	
40	0	9.34099,62977	9.36940	9.98929,95152	47316		9.35169,67825	9.84256	10,64830,32175	0	20
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

12		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
40	0	9.34099,62977		9.98929,95152			9.35169,67825		10,64830,32175	0	20
	10	9.34108,99704	9.36727	9.98929,47825	47327		9.35179,51879	9.84054	10,64820,48121	50	
	20	9.34118,36219	9.36515	9.98929,00488	47337		9.35189,35731	9.83852	10,64810,64269	40	
	30	9.34127,72522	9.36303	9.98928,53140	47348		9.35199,19382	9.83651	10,64800,80618	30	
	40	9.34137,08613	9.36091	9.98928,05781	47359		9.35209,02832	9.83450	10,64790,97168	20	
	50	9.34146,44492	9.35879	9.98927,58412	47369		9.35218,86081	9.83249	10,64781,13919	10	
41	0	9.34155,80159	9.35667	9.98927,11031	47381		9.35228,69128	9.83047	10,64771,30872	0	19
	10	9.34165,15615	9.35456	9.98926,63640	47391		9.35238,51974	9.82846	10,64761,48026	50	
	20	9.34174,50859	9.35244	9.98926,16239	47401		9.35248,34620	9.82646	10,64751,65380	40	
	30	9.34183,85891	9.35032	9.98925,68826	47413		9.35258,17065	9.82445	10,64741,82935	30	
	40	9.34193,20712	9.34821	9.98925,21403	47423		9.35267,99308	9.82243	10,64732,00692	20	
	50	9.34202,55321	9.34609	9.98924,73969	47434		9.35277,81352	9.82044	10,64722,18648	10	
42	0	9.34211,89719	9.34398	9.98924,26525	47444		9.35287,63194	9.81842	10,64712,36806	0	18
	10	9.34221,23906	9.34187	9.98923,79070	47455		9.35297,44837	9.81643	10,64702,55163	50	
	20	9.34230,57882	9.33976	9.98923,31604	47466		9.35307,26278	9.81441	10,64692,73722	40	
	30	9.34239,91647	9.33765	9.98922,84127	47477		9.35317,07520	9.81242	10,64682,92480	30	
	40	9.34249,25201	9.33554	9.98922,36639	47488		9.35326,88561	9.81041	10,64673,11439	20	
	50	9.34258,58544	9.33343	9.98921,89141	47498		9.35336,69402	9.80841	10,64663,30598	10	
43	0	9.34267,91676	9.33132	9.98921,41632	47509		9.35346,50044	9.80642	10,64653,49956	0	17
	10	9.34277,24597	9.32921	9.98920,94113	47519		9.35356,30485	9.80441	10,64643,69515	50	
	20	9.34286,57308	9.32711	9.98920,46582	47531		9.35366,10726	9.80241	10,64633,89274	40	
	30	9.34295,89809	9.32501	9.98919,99041	47541		9.35375,90768	9.80042	10,64624,09232	30	
	40	9.34305,22099	9.32290	9.98919,51489	47552		9.35385,70610	9.79842	10,64614,29390	20	
	50	9.34314,54179	9.32080	9.98919,03927	47562		9.35395,50252	9.79642	10,64604,49748	10	
44	0	9.34323,86049	9.31870	9.98918,56353	47574		9.35405,29695	9.79443	10,64594,70305	0	16
	10	9.34333,17708	9.31659	9.98918,08769	47584		9.35415,08939	9.79244	10,64584,91061	50	
	20	9.34342,49158	9.31450	9.98917,61175	47594		9.35424,87983	9.79044	10,64575,12017	40	
	30	9.34351,80397	9.31239	9.98917,13569	47606		9.35434,66828	9.78845	10,64565,33172	30	
	40	9.34361,11427	9.31030	9.98916,65953	47616		9.35444,45474	9.78646	10,64555,54526	20	
	50	9.34370,42247	9.30820	9.98916,18326	47627		9.35454,23921	9.78447	10,64545,76079	10	
45	0	9.34379,72858	9.30611	9.98915,70688	47638		9.35464,02169	9.78248	10,64535,97831	0	15
	10	9.34389,03258	9.30400	9.98915,23040	47648		9.35473,80218	9.78049	10,64526,19782	50	
	20	9.34398,33450	9.30192	9.98914,75381	47659		9.35483,58069	9.77851	10,64516,41931	40	
	30	9.34407,63431	9.29981	9.98914,27711	47670		9.35493,35720	9.77651	10,64506,64280	30	
	40	9.34416,93204	9.29773	9.98913,80030	47681		9.35503,13174	9.77454	10,64496,86826	20	
	50	9.34426,22767	9.29563	9.98913,32339	47691		9.35512,90428	9.77254	10,64487,09572	10	
46	0	9.34435,52122	9.29355	9.98912,84637	47702		9.35522,67485	9.77057	10,64477,32515	0	14
	10	9.34444,81267	9.29145	9.98912,36924	47713		9.35532,44343	9.76858	10,64467,55657	50	
	20	9.34454,10203	9.28936	9.98911,89201	47723		9.35542,21002	9.76659	10,64457,78998	40	
	30	9.34463,38930	9.28727	9.98911,41467	47734		9.35551,97464	9.76462	10,64448,02536	30	
	40	9.34472,67449	9.28519	9.98910,93722	47745		9.35561,73728	9.76264	10,64438,26272	20	
	50	9.34481,95759	9.28310	9.98910,45966	47756		9.35571,49793	9.76065	10,64428,50207	10	
47	0	9.34491,23860	9.28101	9.98909,98199	47767		9.35581,25661	9.75868	10,64418,74339	0	13
	10	9.34500,51753	9.27893	9.98909,50422	47777		9.35591,01331	9.75670	10,64408,98669	50	
	20	9.34509,79438	9.27685	9.98909,02634	47788		9.35600,76803	9.75472	10,64399,23197	40	
	30	9.34519,06914	9.27476	9.98908,54836	47798		9.35610,52078	9.75275	10,64389,47922	30	
	40	9.34528,34182	9.27268	9.98908,07026	47810		9.35620,27155	9.75077	10,64379,72845	20	
	50	9.34537,61241	9.27059	9.98907,59206	47820		9.35630,02035	9.74880	10,64369,97965	10	
48	0	9.34546,88093	9.26852	9.98907,11375	47831		9.35639,76718	9.74683	10,64360,23282	0	12
	10	9.34556,14737	9.26644	9.98906,63534	47841		9.35649,51203	9.74485	10,64350,48797	50	
	20	9.34565,41173	9.26436	9.98906,15681	47853		9.35659,25491	9.74288	10,64340,74509	40	
	30	9.34574,67401	9.26228	9.98905,67818	47863		9.35668,99582	9.74091	10,64331,00418	30	
	40	9.34583,93421	9.26020	9.98905,19945	47873		9.35678,73476	9.73894	10,64321,26524	20	
	50	9.34593,19234	9.25813	9.98904,72060	47885		9.35688,47174	9.73698	10,64311,52826	10	
49	0	9.34602,44839	9.25605	9.98904,24165	47895		9.35698,20674	9.73500	10,64301,79326	0	11
	10	9.34611,70237	9.25398	9.98903,76259	47906		9.35707,93978	9.73304	10,64292,06022	50	
	20	9.34620,95427	9.25190	9.98903,28342	47917		9.35717,67085	9.73107	10,64282,32915	40	
	30	9.34630,20410	9.24983	9.98902,80415	47927		9.35727,39996	9.72911	10,64272,60004	30	
	40	9.34639,45186	9.24776	9.98902,32476	47939		9.35737,12710	9.72714	10,64262,87290	20	
	50	9.34648,69755	9.24569	9.98901,84527	47949		9.35746,85228	9.72518	10,64253,14772	10	
50	0	9.34657,94117	9.24362	9.98901,36568	47959		9.35756,57549	9.72321	10,64243,42451	0	10
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

12		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
50	0	9.34657.94117		9.98901.36568		9.35756.57549		10.64243.42451	0	10
	10	9.34667.18272	9.24155	9.98900.88597	47971	9.35766.29675	9.72126	10.64233.70325	50	
	20	9.34676.42220	9.23948	9.98900.40616	47981	9.35776.01604	9.71929	10.64223.98396	40	
	30	9.34685.65962	9.23742	9.98899.92624	47992	9.35785.73337	9.71733	10.64214.26663	30	
	40	9.34694.89496	9.23534	9.98899.44622	48002	9.35795.44875	9.71538	10.64204.55125	20	
	50	9.34704.12825	9.23329	9.98898.96608	48014	9.35805.16217	9.71342	10.64194.83783	10	
51	0	9.34713.35946	9.23121	9.98898.48584	48024	9.35814.87362	9.71145	10.64185.12638	0	9
	10	9.34722.58862	9.22916	9.98898.00549	48035	9.35824.58313	9.70951	10.64175.41687	50	
	20	9.34731.81571	9.22709	9.98897.52504	48045	9.35834.29067	9.70754	10.64165.70933	40	
	30	9.34741.04074	9.22503	9.98897.04447	48057	9.35843.99627	9.70560	10.64156.00373	30	
	40	9.34750.26371	9.22297	9.98896.56380	48067	9.35853.69990	9.70363	10.64146.30010	20	
	50	9.34759.48461	9.22090	9.98896.08302	48078	9.35863.40159	9.70169	10.64136.59841	10	
52	0	9.34768.70346	9.21885	9.98895.60214	48088	9.35873.10132	9.69973	10.64126.89868	0	8
	10	9.34777.92025	9.21679	9.98895.12115	48099	9.35882.79911	9.69779	10.64117.20089	50	
	20	9.34787.13498	9.21473	9.98894.64005	48110	9.35892.49494	9.69583	10.64107.50506	40	
	30	9.34796.34766	9.21268	9.98894.15884	48121	9.35902.18882	9.69388	10.64097.81118	30	
	40	9.34805.55828	9.21062	9.98893.67752	48132	9.35911.88076	9.69194	10.64088.11924	20	
	50	9.34814.76684	9.20856	9.98893.19610	48142	9.35921.57074	9.68998	10.64078.42926	10	
53	0	9.34823.97335	9.20651	9.98892.71457	48153	9.35931.25878	9.68804	10.64068.74122	0	7
	10	9.34833.17781	9.20446	9.98892.23293	48164	9.35940.94488	9.68610	10.64059.05512	50	
	20	9.34842.38021	9.20240	9.98891.75119	48174	9.35950.62903	9.68415	10.64049.37097	40	
	30	9.34851.58057	9.20036	9.98891.26934	48185	9.35960.31123	9.68220	10.64039.68877	30	
	40	9.34860.77887	9.19830	9.98890.78738	48196	9.35969.99149	9.68026	10.64030.00851	20	
	50	9.34869.97512	9.19625	9.98890.30531	48207	9.35979.66981	9.67832	10.64020.33019	10	
54	0	9.34879.16932	9.19420	9.98889.82313	48218	9.35989.34619	9.67638	10.64010.65381	0	6
	10	9.34888.36148	9.19216	9.98889.34085	48228	9.35999.02063	9.67444	10.64000.97937	50	
	20	9.34897.55159	9.19011	9.98888.85846	48239	9.36008.69312	9.67249	10.63991.30688	40	
	30	9.34906.73965	9.18806	9.98888.37597	48249	9.36018.36368	9.67056	10.63981.63632	30	
	40	9.34915.92566	9.18601	9.98887.89336	48261	9.36028.03230	9.66862	10.63971.96770	20	
	50	9.34925.10964	9.18398	9.98887.41065	48271	9.36037.69899	9.66669	10.63962.30101	10	
55	0	9.34934.29156	9.18192	9.98886.92783	48282	9.36047.36373	9.66474	10.63952.63627	0	5
	10	9.34943.47145	9.17989	9.98886.44490	48293	9.36057.02654	9.66281	10.63942.97346	50	
	20	9.34952.64929	9.17784	9.98885.96187	48303	9.36066.68742	9.66088	10.63933.31258	40	
	30	9.34961.82509	9.17580	9.98885.47873	48314	9.36076.34636	9.65894	10.63923.65364	30	
	40	9.34970.99885	9.17376	9.98884.99548	48325	9.36086.00337	9.65701	10.63913.99663	20	
	50	9.34980.17058	9.17173	9.98884.51212	48336	9.36095.65845	9.65508	10.63904.34155	10	
56	0	9.34989.34026	9.16968	9.98884.02866	48346	9.36105.31160	9.65315	10.63894.68840	0	4
	10	9.34998.50790	9.16764	9.98883.54509	48357	9.36114.96282	9.65122	10.63885.03718	50	
	20	9.35007.67351	9.16561	9.98883.06141	48368	9.36124.61210	9.64928	10.63875.38790	40	
	30	9.35016.83708	9.16357	9.98882.57762	48379	9.36134.25946	9.64736	10.63865.74054	30	
	40	9.35025.99862	9.16154	9.98882.09373	48389	9.36143.90489	9.64543	10.63856.09511	20	
	50	9.35035.15812	9.15950	9.98881.60973	48400	9.36153.54840	9.64351	10.63846.45160	10	
57	0	9.35044.31559	9.15747	9.98881.12562	48411	9.36163.18998	9.64158	10.63836.81002	0	3
	10	9.35053.47103	9.15544	9.98880.64140	48422	9.36172.82963	9.63965	10.63827.17037	50	
	20	9.35062.62444	9.15341	9.98880.15708	48432	9.36182.46736	9.63773	10.63817.53264	40	
	30	9.35071.77581	9.15137	9.98879.67265	48443	9.36192.10316	9.63580	10.63807.89684	30	
	40	9.35080.92516	9.14935	9.98879.18811	48454	9.36201.73705	9.63389	10.63798.26295	20	
	50	9.35090.07247	9.14731	9.98878.70346	48465	9.36211.36901	9.63196	10.63788.63099	10	
58	0	9.35099.21776	9.14529	9.98878.21871	48475	9.36220.99905	9.63004	10.63779.00095	0	2
	10	9.35108.36102	9.14326	9.98877.73385	48486	9.36230.62717	9.62812	10.63769.37283	50	
	20	9.35117.50225	9.14123	9.98877.24888	48497	9.36240.25337	9.62620	10.63759.74663	40	
	30	9.35126.64146	9.13921	9.98876.76380	48508	9.36249.87765	9.62428	10.63750.12235	30	
	40	9.35135.77864	9.13718	9.98876.27862	48518	9.36259.50002	9.62237	10.63740.49998	20	
	50	9.35144.91380	9.13516	9.98875.79333	48529	9.36269.12047	9.62045	10.63730.87953	10	
59	0	9.35154.04693	9.13313	9.98875.30793	48540	9.36278.73900	9.61853	10.63721.26100	0	1
	10	9.35163.17805	9.13112	9.98874.82243	48550	9.36288.35562	9.61662	10.63711.64438	50	
	20	9.35172.30714	9.12909	9.98874.33681	48562	9.36297.97033	9.61471	10.63702.02967	40	
	30	9.35181.43421	9.12707	9.98873.85109	48572	9.36307.58312	9.61279	10.63692.41688	30	
	40	9.35190.55926	9.12505	9.98873.36526	48583	9.36317.19400	9.61088	10.63682.80600	20	
	50	9.35199.68229	9.12303	9.98872.87933	48593	9.36326.80296	9.60896	10.63673.19704	10	
60	0	9.35208.80330	9.12101	9.98872.39328	48605	9.36336.41002	9.60706	10.63663.58998	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

13

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9.35208,80330		9.98872,39328		9.36336,41002		10,63663,58998	o	60
	10	9.35217,92230	9,11900	9.98871,90713	48615	9.36346,01517	9,60515	10,63653,98483	50	
	20	9.35227,03928	9,11698	9.98871,42087	48626	9.36355,61841	9,60324	10,63644,38159	40	
	30	9.35236,15425	9,11497	9.98870,93451	48636	9.36365,21974	9,60133	10,63634,78026	30	
	40	9.35245,26720	9,11295	9.98870,44803	48648	9.36374,81916	9,59942	10,63625,18084	20	
	50	9.35254,37813	9,11093	9.98869,96145	48658	9.36384,41668	9,59752	10,63615,58332	10	
1	0	9.35263,48705	9,10892	9.98869,47476	48669	9.36394,01229	9,59561	10,63605,98771	o	59
	10	9.35272,59397	9,10692	9.98868,98797	48679	9.36403,60600	9,59371	10,63596,39400	50	
	20	9.35281,69886	9,10489	9.98868,50106	48691	9.36413,19780	9,59180	10,63586,80220	40	
	30	9.35290,80175	9,10289	9.98868,01405	48701	9.36422,78770	9,58990	10,63577,21230	30	
	40	9.35299,90263	9,10088	9.98867,52693	48712	9.36432,37570	9,58800	10,63567,62430	20	
	50	9.35309,00150	9,09887	9.98867,03971	48722	9.36441,96180	9,58610	10,63558,03820	10	
2	0	9.35318,09837	9,09687	9.98866,55237	48734	9.36451,54599	9,58419	10,63548,45401	o	58
	10	9.35327,19322	9,09485	9.98866,06493	48744	9.36461,12829	9,58230	10,63538,87171	50	
	20	9.35336,28607	9,09285	9.98865,57738	48755	9.36470,70869	9,58040	10,63529,29131	40	
	30	9.35345,37692	9,09085	9.98865,08972	48766	9.36480,28719	9,57850	10,63519,71281	30	
	40	9.35354,46575	9,08883	9.98864,60196	48776	9.36489,86379	9,57660	10,63510,13621	20	
	50	9.35363,55259	9,08684	9.98864,11409	48787	9.36499,43850	9,57471	10,63500,56150	10	
3	0	9.35372,63742	9,08483	9.98863,62611	48798	9.36509,01131	9,57281	10,63490,98869	o	57
	10	9.35381,72025	9,08283	9.98863,13802	48809	9.36518,58223	9,57092	10,63481,41777	50	
	20	9.35390,80108	9,08083	9.98862,64983	48819	9.36528,15125	9,56902	10,63471,84875	40	
	30	9.35399,87991	9,07883	9.98862,16153	48830	9.36537,71839	9,56714	10,63462,28161	30	
	40	9.35408,95674	9,07683	9.98861,67312	48841	9.36547,28362	9,56523	10,63452,71638	20	
	50	9.35418,03157	9,07483	9.98861,18460	48852	9.36556,84697	9,56335	10,63443,15303	10	
4	0	9.35427,10440	9,07283	9.98860,69597	48863	9.36566,40843	9,56146	10,63433,59157	o	56
	10	9.35436,17524	9,07084	9.98860,20724	48873	9.36575,96800	9,55957	10,63424,03200	50	
	20	9.35445,24408	9,06884	9.98859,71840	48884	9.36585,52568	9,55768	10,63414,47432	40	
	30	9.35454,31092	9,06684	9.98859,22945	48895	9.36595,08147	9,55579	10,63404,91853	30	
	40	9.35463,37577	9,06485	9.98858,74040	48905	9.36604,63537	9,55390	10,63395,36463	20	
	50	9.35472,43863	9,06286	9.98858,25124	48916	9.36614,18739	9,55202	10,63385,81261	10	
5	0	9.35481,49949	9,06086	9.98857,76197	48927	9.36623,73752	9,55013	10,63376,26248	o	55
	10	9.35490,55836	9,05887	9.98857,27259	48938	9.36633,28577	9,54825	10,63366,71423	50	
	20	9.35499,61524	9,05688	9.98856,78310	48949	9.36642,83214	9,54637	10,63357,16786	40	
	30	9.35508,67013	9,05489	9.98856,29351	48959	9.36652,37662	9,54448	10,63347,62338	30	
	40	9.35517,72303	9,05290	9.98855,80381	48970	9.36661,91922	9,54260	10,63338,08078	20	
	50	9.35526,77394	9,05091	9.98855,31400	48981	9.36671,45994	9,54072	10,63328,54006	10	
6	0	9.35535,82286	9,04892	9.98854,82409	48991	9.36680,99878	9,53884	10,63319,00122	o	54
	10	9.35544,86980	9,04694	9.98854,33406	49003	9.36690,53574	9,53696	10,63309,46426	50	
	20	9.35553,91475	9,04495	9.98853,84393	49013	9.36700,07082	9,53508	10,63299,92918	40	
	30	9.35562,95771	9,04296	9.98853,35369	49024	9.36709,60402	9,53320	10,63290,39598	30	
	40	9.35571,99869	9,04098	9.98852,86335	49034	9.36719,13535	9,53133	10,63280,86465	20	
	50	9.35581,03769	9,03900	9.98852,37289	49046	9.36728,66479	9,52944	10,63271,33521	10	
7	0	9.35590,07470	9,03701	9.98851,88233	49056	9.36738,19237	9,52758	10,63261,80763	o	53
	10	9.35599,10973	9,03503	9.98851,39166	49067	9.36747,71807	9,52570	10,63252,28193	50	
	20	9.35608,14278	9,03305	9.98850,90088	49078	9.36757,24189	9,52382	10,63242,75811	40	
	30	9.35617,17385	9,03107	9.98850,41000	49088	9.36766,76385	9,52196	10,63233,23615	30	
	40	9.35626,20294	9,02909	9.98849,91901	49099	9.36776,28393	9,52008	10,63223,71607	20	
	50	9.35635,23005	9,02711	9.98849,42791	49110	9.36785,80214	9,51821	10,63214,19786	10	
8	0	9.35644,25518	9,02513	9.98848,93670	49121	9.36795,31848	9,51634	10,63204,68152	o	52
	10	9.35653,27833	9,02315	9.98848,44539	49131	9.36804,83295	9,51447	10,63195,16705	50	
	20	9.35662,29951	9,02118	9.98847,95396	49143	9.36814,34555	9,51260	10,63185,65445	40	
	30	9.35671,31872	9,01921	9.98847,46243	49153	9.36823,85628	9,51073	10,63176,14372	30	
	40	9.35680,33595	9,01723	9.98846,97080	49163	9.36833,36515	9,50887	10,63166,63485	20	
	50	9.35689,35120	9,01525	9.98846,47905	49175	9.36842,87215	9,50700	10,63157,12785	10	
9	0	9.35698,36448	9,01328	9.98845,98720	49185	9.36852,37728	9,50513	10,63147,62272	o	51
	10	9.35707,37579	9,01131	9.98845,49524	49196	9.36861,88055	9,50327	10,63138,11945	50	
	20	9.35716,38513	9,00934	9.98845,00317	49207	9.36871,38196	9,50141	10,63128,61804	40	
	30	9.35725,39249	9,00736	9.98844,51099	49218	9.36880,88150	9,49954	10,63119,11850	30	
	40	9.35734,39789	9,00540	9.98844,01871	49228	9.36890,37918	9,49768	10,63109,62082	20	
	50	9.35743,40132	9,00343	9.98843,52632	49239	9.36899,87500	9,49582	10,63100,12500	10	
10	0	9.35752,40278	9,00146	9.98843,03382	49250	9.36909,36896	9,49396	10,63090,63104	o	50
		Sin. Comple.	8,99949	SINVVM	49261	Tang. compl.	9,49210	TANGEN.	S	M

13		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
10	0	9.35752,40278		9.98843,03382		9.36909,36896		10,63090,63104	0	50
	10	9.35761,40227	8,99949	9.98842,54121	49261	9.36918,86106	9,49210	10,63081,13894	50	
	20	9.35770,39980	8,99753	9.98842,04850	49271	9.36928,35130	9,49024	10,63071,64870	40	
	30	9.35779,39536	8,99556	9.98841,55567	49283	9.36937,83968	9,48838	10,63062,16032	30	
	40	9.35788,38895	8,99359	9.98841,06275	49292	9.36947,32621	9,48653	10,63052,67379	20	
	50	9.35797,38059	8,99164	9.98840,56971	49304	9.36956,81088	9,48467	10,63043,18912	10	
11	0	9.35806,37025	8,98966	9.98840,07656	49315	9.36966,29369	9,48281	10,63033,70631	0	49
	10	9.35815,35796	8,98771	9.98839,58331	49325	9.36975,77465	9,48096	10,63024,22535	50	
	20	9.35824,34370	8,98574	9.98839,08995	49336	9.36985,25375	9,47910	10,63014,74625	40	
	30	9.35833,32749	8,98379	9.98838,59648	49347	9.36994,73101	9,47726	10,63005,26899	30	
	40	9.35842,30931	8,98182	9.98838,10291	49357	9.37004,20640	9,47539	10,62995,79360	20	
	50	9.35851,28917	8,97986	9.98837,60922	49369	9.37013,67995	9,47355	10,62986,32005	10	
12	0	9.35860,26708	8,97791	9.98837,11543	49379	9.37023,15165	9,47170	10,62976,84835	0	48
	10	9.35869,24303	8,97595	9.98836,62153	49390	9.37032,62149	9,46984	10,62967,37851	50	
	20	9.35878,21702	8,97399	9.98836,12753	49400	9.37042,08949	9,46800	10,62957,91051	40	
	30	9.35887,18905	8,97203	9.98835,63341	49412	9.37051,55564	9,46615	10,62948,44436	30	
	40	9.35896,15913	8,97008	9.98835,13919	49422	9.37061,01994	9,46430	10,62938,98006	20	
	50	9.35905,12726	8,96813	9.98834,64486	49433	9.37070,48240	9,46246	10,62929,51760	10	
13	0	9.35914,09343	8,96617	9.98834,15042	49444	9.37079,94301	9,46061	10,62920,05699	0	47
	10	9.35923,05765	8,96422	9.98833,65588	49454	9.37089,40177	9,45876	10,62910,59823	50	
	20	9.35932,01991	8,96226	9.98833,16122	49466	9.37098,85869	9,45692	10,62901,14131	40	
	30	9.35940,98023	8,96032	9.98832,66646	49476	9.37108,31377	9,45508	10,62891,68623	30	
	40	9.35949,93860	8,95837	9.98832,17160	49486	9.37117,76700	9,45323	10,62882,23300	20	
	50	9.35958,89501	8,95641	9.98831,67662	49498	9.37127,21839	9,45139	10,62872,78161	10	
14	0	9.35967,84948	8,95447	9.98831,18154	49508	9.37136,66794	9,44955	10,62863,33206	0	46
	10	9.35976,80200	8,95252	9.98830,68634	49520	9.37146,11565	9,44771	10,62853,88435	50	
	20	9.35985,75257	8,95057	9.98830,19105	49529	9.37155,56152	9,44587	10,62844,43848	40	
	30	9.35994,70120	8,94863	9.98829,69564	49541	9.37165,00556	9,44404	10,62834,99444	30	
	40	9.36003,64788	8,94668	9.98829,20012	49552	9.37174,44775	9,44219	10,62825,55225	20	
	50	9.36012,59261	8,94473	9.98828,70450	49562	9.37183,88811	9,44036	10,62816,11189	10	
15	0	9.36021,53540	8,94279	9.98828,20877	49573	9.37193,32663	9,43852	10,62806,67337	0	45
	10	9.36030,47625	8,94085	9.98827,71293	49584	9.37202,76332	9,43669	10,62797,23668	50	
	20	9.36039,41516	8,93891	9.98827,21699	49594	9.37212,19817	9,43485	10,62787,80183	40	
	30	9.36048,35212	8,93696	9.98826,72093	49606	9.37221,63119	9,43302	10,62778,36881	30	
	40	9.36057,28715	8,93503	9.98826,22477	49616	9.37231,06237	9,43118	10,62768,93763	20	
	50	9.36066,22023	8,93308	9.98825,72850	49627	9.37240,49172	9,42935	10,62759,50828	10	
16	0	9.36075,15137	8,93114	9.98825,23213	49637	9.37249,91925	9,42753	10,62750,08075	0	44
	10	9.36084,08058	8,92921	9.98824,73564	49649	9.37259,34494	9,42569	10,62740,65506	50	
	20	9.36093,00785	8,92727	9.98824,23905	49659	9.37268,76880	9,42386	10,62731,23120	40	
	30	9.36101,93318	8,92533	9.98823,74235	49670	9.37278,19083	9,42203	10,62721,80917	30	
	40	9.36110,85658	8,92340	9.98823,24554	49681	9.37287,61103	9,42020	10,62712,38897	20	
	50	9.36119,77804	8,92146	9.98822,74863	49691	9.37297,02941	9,41838	10,62702,97059	10	
17	0	9.36128,69756	8,91952	9.98822,25161	49702	9.37306,44596	9,41655	10,62693,55404	0	43
	10	9.36137,61516	8,91760	9.98821,75448	49713	9.37315,86068	9,41472	10,62684,13932	50	
	20	9.36146,53082	8,91566	9.98821,25724	49724	9.37325,27358	9,41290	10,62674,72642	40	
	30	9.36155,44455	8,91373	9.98820,75989	49735	9.37334,68465	9,41107	10,62665,31535	30	
	40	9.36164,35634	8,91179	9.98820,26244	49745	9.37344,09391	9,40926	10,62655,90609	20	
	50	9.36173,26621	8,90987	9.98819,76487	49757	9.37353,50133	9,40742	10,62646,49867	10	
18	0	9.36182,17415	8,90794	9.98819,26720	49767	9.37362,90694	9,40561	10,62637,09306	0	42
	10	9.36191,08015	8,90600	9.98818,76943	49777	9.37372,31073	9,40379	10,62627,68927	50	
	20	9.36199,98423	8,90408	9.98818,27154	49789	9.37381,71269	9,40196	10,62618,28731	40	
	30	9.36208,88639	8,90216	9.98817,77355	49799	9.37391,11284	9,40015	10,62608,88716	30	
	40	9.36217,78661	8,90022	9.98817,27545	49810	9.37400,51117	9,39833	10,62599,48883	20	
	50	9.36226,68491	8,89830	9.98816,77724	49821	9.37409,90767	9,39650	10,62590,09233	10	
19	0	9.36235,58129	8,89638	9.98816,27892	49832	9.37419,30237	9,39470	10,62580,69763	0	41
	10	9.36244,47574	8,89445	9.98815,78050	49842	9.37428,69524	9,39287	10,62571,30476	50	
	20	9.36253,36827	8,89253	9.98815,28197	49853	9.37438,08630	9,39106	10,62561,91370	40	
	30	9.36262,25888	8,89061	9.98814,78333	49864	9.37447,47555	9,38925	10,62552,52445	30	
	40	9.36271,14756	8,88868	9.98814,28458	49875	9.37456,86298	9,38743	10,62543,13702	20	
	50	9.36280,03432	8,88676	9.98813,78572	49886	9.37466,24860	9,38562	10,62533,75140	10	
20	0	9.36288,91917	8,88485	9.98813,28676	49896	9.37475,63241	9,38381	10,62524,36759	0	40
			8,88292		49907		9,38199			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9.36288,91917	8,88292	9.98813,28676	49907	9.37475,63241	9.38199	10,62524,36759	0	40
	10	9.36297,80209	8,88101	9.98812,78769	49918	9.37485,01440	9.38019	10,62514,98560	50	
	20	9.36306,68310	8,87908	9.98812,28851	49929	9.37494,39459	9.37837	10,62505,60541	40	
	30	9.36315,56218	8,87718	9.98811,78922	49939	9.37503,77296	9.37657	10,62496,22704	30	
	40	9.36324,43936	8,87525	9.98811,28983	49950	9.37513,14953	9.37475	10,62486,85047	20	
	50	9.36333,31461	8,87334	9.98810,79033	49961	9.37522,52428	9.37295	10,62477,47572	10	
21	0	9.36342,18795	8,87142	9.98810,29072	49972	9.37531,89723	9.37114	10,62468,10277	0	39
	10	9.36351,05937	8,86951	9.98809,79100	49983	9.37541,26837	9.36934	10,62458,73163	50	
	20	9.36359,92888	8,86760	9.98809,29117	49993	9.37550,63771	9.36753	10,62449,36229	40	
	30	9.36368,79648	8,86569	9.98808,79124	50004	9.37560,00524	9.36573	10,62439,99476	30	
	40	9.36377,66217	8,86377	9.98808,29120	50015	9.37569,37097	9.36392	10,62430,62903	20	
	50	9.36386,52594	8,86186	9.98807,79105	50026	9.37578,73489	9.36212	10,62421,26511	10	
22	0	9.36395,38780	8,85995	9.98807,29079	50036	9.37588,09701	9.36032	10,62411,90299	0	38
	10	9.36404,24775	8,85805	9.98806,79043	50048	9.37597,45733	9.35852	10,62402,54267	50	
	20	9.36413,10580	8,85613	9.98806,28995	50058	9.37606,81585	9.35671	10,62393,18415	40	
	30	9.36421,96193	8,85423	9.98805,78937	50069	9.37616,17256	9.35492	10,62383,82744	30	
	40	9.36430,81616	8,85232	9.98805,28868	50079	9.37625,52748	9.35311	10,62374,47252	20	
	50	9.36439,66848	8,85042	9.98804,78789	50091	9.37634,88059	9.35132	10,62365,11941	10	
23	0	9.36448,51890	8,84851	9.98804,28698	50101	9.37644,23191	9.34952	10,62355,76809	0	37
	10	9.36457,36741	8,84660	9.98803,78597	50112	9.37653,58143	9.34773	10,62346,41857	50	
	20	9.36466,21401	8,84470	9.98803,28485	50123	9.37662,92916	9.34593	10,62337,07084	40	
	30	9.36475,05871	8,84280	9.98802,78362	50133	9.37672,27509	9.34413	10,62327,72491	30	
	40	9.36483,90151	8,84089	9.98802,28229	50145	9.37681,61922	9.34234	10,62318,38078	20	
	50	9.36492,74240	8,83900	9.98801,78084	50155	9.37690,96156	9.34055	10,62309,03844	10	
24	0	9.36501,58140	8,83709	9.98801,27929	50166	9.37700,30211	9.33875	10,62299,69789	0	36
	10	9.36510,41849	8,83520	9.98800,77763	50176	9.37709,64086	9.33696	10,62290,35914	50	
	20	9.36519,25369	8,83329	9.98800,27587	50188	9.37718,97782	9.33517	10,62281,02218	40	
	30	9.36528,08698	8,83140	9.98799,77399	50198	9.37728,31299	9.33338	10,62271,68701	30	
	40	9.36536,91838	8,82950	9.98799,27201	50209	9.37737,64637	9.33159	10,62262,35363	20	
	50	9.36545,74788	8,82760	9.98798,76992	50220	9.37746,97796	9.32980	10,62253,02204	10	
25	0	9.36554,57548	8,82571	9.98798,26772	50231	9.37756,30776	9.32801	10,62243,69224	0	35
	10	9.36563,40119	8,82381	9.98797,76541	50241	9.37765,63577	9.32623	10,62234,36423	50	
	20	9.36572,22500	8,82191	9.98797,26300	50253	9.37774,96200	9.32444	10,62225,03800	40	
	30	9.36581,04691	8,82002	9.98796,76047	50263	9.37784,28644	9.32265	10,62215,71356	30	
	40	9.36589,86693	8,81813	9.98796,25784	50273	9.37793,60909	9.32087	10,62206,39091	20	
	50	9.36598,68506	8,81624	9.98795,75511	50285	9.37802,92996	9.31908	10,62197,07004	10	
26	0	9.36607,50130	8,81435	9.98795,25226	50295	9.37812,24904	9.31730	10,62187,75096	0	34
	10	9.36616,31565	8,81245	9.98794,74931	50307	9.37821,56634	9.31552	10,62178,43366	50	
	20	9.36625,12810	8,81057	9.98794,24624	50317	9.37830,88186	9.31374	10,62169,11814	40	
	30	9.36633,93867	8,80868	9.98793,74307	50327	9.37840,19560	9.31195	10,62159,80440	30	
	40	9.36642,74735	8,80678	9.98793,23980	50339	9.37849,50755	9.31017	10,62150,49245	20	
	50	9.36651,55413	8,80490	9.98792,73641	50349	9.37858,81772	9.30840	10,62141,18228	10	
27	0	9.36660,35903	8,80302	9.98792,23292	50360	9.37868,12612	9.30661	10,62131,87388	0	33
	10	9.36669,16205	8,80113	9.98791,72932	50371	9.37877,43273	9.30484	10,62122,56727	50	
	20	9.36677,96318	8,79924	9.98791,22561	50382	9.37886,73757	9.30306	10,62113,26243	40	
	30	9.36686,76242	8,79736	9.98790,72179	50393	9.37896,04063	9.30128	10,62103,95937	30	
	40	9.36695,55978	8,79547	9.98790,21786	50403	9.37905,34191	9.29951	10,62094,65809	20	
	50	9.36704,35525	8,79359	9.98789,71383	50414	9.37914,64142	9.29773	10,62085,35858	10	
28	0	9.36713,14884	8,79171	9.98789,20969	50425	9.37923,93915	9.29596	10,62076,06085	0	32
	10	9.36721,94055	8,78983	9.98788,70544	50436	9.37933,23511	9.29419	10,62066,76489	50	
	20	9.36730,73038	8,78795	9.98788,20108	50446	9.37942,52930	9.29241	10,62057,47070	40	
	30	9.36739,51833	8,78606	9.98787,69662	50457	9.37951,82171	9.29064	10,62048,17829	30	
	40	9.36748,30439	8,78419	9.98787,19205	50468	9.37961,11235	9.28887	10,62038,88765	20	
	50	9.36757,08858	8,78231	9.98786,68737	50479	9.37970,40122	9.28709	10,62029,59878	10	
29	0	9.36765,87089	8,78043	9.98786,18258	50490	9.37979,68831	9.28533	10,62020,31169	0	31
	10	9.36774,65132	8,77856	9.98785,67768	50500	9.37988,97364	9.28356	10,62011,02636	50	
	20	9.36783,42988	8,77667	9.98785,17268	50512	9.37998,25720	9.28179	10,62001,74280	40	
	30	9.36792,20655	8,77481	9.98784,66756	50522	9.38007,53899	9.28003	10,61992,46101	30	
	40	9.36800,98136	8,77293	9.98784,16234	50533	9.38016,81902	9.27825	10,61983,18098	20	
	50	9.36809,75429	8,77105	9.98783,65701	50543	9.38026,09727	9.27649	10,61973,90273	10	
30	0	9.36818,52534	8,76918	9.98783,15158	50555	9.38035,37376	9.27473	10,61964,62624	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9.36818,52534	8,76918	9.98783,15158	50555	9.38035,37376	9,27473	10,61964,62624	0	30
	10	9.36827,29452	8,76731	9.98782,64603	50565	9.38044,64849	9,27296	10,61955,35151	50	
	20	9.36836,06183	8,76544	9.98782,14038	50576	9.38053,92145	9,27120	10,61946,07855	40	
	30	9.36844,82727	8,76357	9.98781,63462	50587	9.38063,19265	9,26943	10,61936,80735	30	
	40	9.36853,59084	8,76169	9.98781,12875	50597	9.38072,46208	9,26768	10,61927,53792	20	
	50	9.36862,35253	8,75983	9.98780,62278	50609	9.38081,72976	9,26591	10,61918,27024	10	
31	0	9.36871,11236	8,75796	9.98780,11669	50619	9.38090,99567	9,26415	10,61909,00433	0	29
	10	9.36879,87032	8,75609	9.98779,61050	50630	9.38100,25982	9,26239	10,61899,74018	50	
	20	9.36888,62641	8,75422	9.98779,10420	50641	9.38109,52221	9,26063	10,61890,47779	40	
	30	9.36897,38063	8,75236	9.98778,59779	50652	9.38118,78284	9,25888	10,61881,21716	30	
	40	9.36906,13299	8,75049	9.98778,09127	50662	9.38128,04172	9,25711	10,61871,95828	20	
	50	9.36914,88348	8,74863	9.98777,58465	50673	9.38137,29883	9,25536	10,61862,70117	10	
32	0	9.36923,63211	8,74676	9.98777,07792	50684	9.38146,55419	9,25361	10,61853,44581	0	28
	10	9.36932,37887	8,74490	9.98776,57108	50695	9.38155,80780	9,25184	10,61844,19220	50	
	20	9.36941,12377	8,74304	9.98776,06413	50706	9.38165,05964	9,25010	10,61834,94036	40	
	30	9.36949,86681	8,74118	9.98775,55707	50716	9.38174,30974	9,24834	10,61825,69026	30	
	40	9.36958,60799	8,73931	9.98775,04991	50727	9.38183,55808	9,24658	10,61816,44192	20	
	50	9.36967,34730	8,73746	9.98774,54264	50738	9.38192,80466	9,24484	10,61807,19534	10	
33	0	9.36976,08476	8,73559	9.98774,03526	50749	9.38202,04950	9,24308	10,61797,95050	0	27
	10	9.36984,82035	8,73374	9.98773,52777	50760	9.38211,29258	9,24133	10,61788,70742	50	
	20	9.36993,55409	8,73187	9.98773,02017	50770	9.38220,53391	9,23958	10,61779,46609	40	
	30	9.37002,28596	8,73002	9.98772,51247	50781	9.38229,77349	9,23784	10,61770,22651	30	
	40	9.37011,01598	8,72817	9.98772,00466	50792	9.38239,01133	9,23608	10,61760,98867	20	
	50	9.37019,74415	8,72631	9.98771,49674	50803	9.38248,24741	9,23434	10,61751,75259	10	
34	0	9.37028,47046	8,72445	9.98770,98871	50814	9.38257,48175	9,23259	10,61742,51825	0	26
	10	9.37037,19491	8,72260	9.98770,48057	50824	9.38266,71434	9,23084	10,61733,28566	50	
	20	9.37045,91751	8,72074	9.98769,97233	50835	9.38275,94518	9,22910	10,61724,05482	40	
	30	9.37054,63825	8,71889	9.98769,46398	50846	9.38285,17428	9,22735	10,61714,82572	30	
	40	9.37063,35714	8,71704	9.98768,95552	50857	9.38294,40163	9,22561	10,61705,59837	20	
	50	9.37072,07418	8,71519	9.98768,44695	50868	9.38303,62724	9,22386	10,61696,37276	10	
35	0	9.37080,78937	8,71334	9.98767,93827	50878	9.38312,85110	9,22212	10,61687,14890	0	25
	10	9.37089,50271	8,71149	9.98767,42949	50890	9.38322,07322	9,22038	10,61677,92678	50	
	20	9.37098,21420	8,70964	9.98766,92059	50900	9.38331,29360	9,21864	10,61668,70640	40	
	30	9.37106,92384	8,70779	9.98766,41159	50910	9.38340,51224	9,21690	10,61659,48776	30	
	40	9.37115,63163	8,70594	9.98765,90249	50922	9.38349,72914	9,21516	10,61650,27086	20	
	50	9.37124,33757	8,70410	9.98765,39327	50933	9.38358,94430	9,21342	10,61641,05570	10	
36	0	9.37133,04167	8,70225	9.98764,88394	50943	9.38368,15772	9,21168	10,61631,84228	0	24
	10	9.37141,74392	8,70040	9.98764,37451	50954	9.38377,36940	9,20995	10,61622,63060	50	
	20	9.37150,44432	8,69856	9.98763,86497	50965	9.38386,57935	9,20821	10,61613,42065	40	
	30	9.37159,14288	8,69672	9.98763,35532	50976	9.38395,78756	9,20647	10,61604,21244	30	
	40	9.37167,83960	8,69487	9.98762,84556	50986	9.38404,99403	9,20474	10,61595,00597	20	
	50	9.37176,53447	8,69303	9.98762,33570	50997	9.38414,19877	9,20300	10,61585,80123	10	
37	0	9.37185,22750	8,69119	9.98761,82573	51008	9.38423,40177	9,20127	10,61576,59823	0	23
	10	9.37193,91869	8,68934	9.98761,31565	51019	9.38432,60304	9,19954	10,61567,39696	50	
	20	9.37202,60803	8,68751	9.98760,80546	51030	9.38441,80258	9,19780	10,61558,19742	40	
	30	9.37211,29554	8,68567	9.98760,29516	51041	9.38451,00038	9,19607	10,61548,99962	30	
	40	9.37219,98121	8,68383	9.98759,78475	51051	9.38460,19645	9,19435	10,61539,80355	20	
	50	9.37228,66504	8,68199	9.98759,27424	51062	9.38469,39080	9,19261	10,61530,60920	10	
38	0	9.37237,34703	8,68015	9.98758,76362	51073	9.38478,58341	9,19088	10,61521,41659	0	22
	10	9.37246,02718	8,67832	9.98758,25289	51084	9.38487,77429	9,18915	10,61512,22571	50	
	20	9.37254,70550	8,67648	9.98757,74205	51094	9.38496,96344	9,18743	10,61503,03656	40	
	30	9.37263,38198	8,67464	9.98757,23111	51106	9.38506,15087	9,18570	10,61493,84913	30	
	40	9.37272,05662	8,67281	9.98756,72005	51116	9.38515,33657	9,18397	10,61484,66343	20	
	50	9.37280,72943	8,67098	9.98756,20889	51127	9.38524,52054	9,18225	10,61475,47946	10	
39	0	9.37289,40041	8,66915	9.98755,69762	51138	9.38533,70279	9,18052	10,61466,29721	0	21
	10	9.37298,06956	8,66731	9.98755,18624	51148	9.38542,88331	9,17880	10,61457,11669	50	
	20	9.37306,73687	8,66548	9.98754,67476	51160	9.38552,06211	9,17708	10,61447,93789	40	
	30	9.37315,40235	8,66365	9.98754,16316	51170	9.38561,23919	9,17535	10,61438,76081	30	
	40	9.37324,06600	8,66182	9.98753,65146	51181	9.38570,41454	9,17363	10,61429,58546	20	
	50	9.37332,72782	8,65999	9.98753,13965	51192	9.38579,58817	9,17191	10,61420,41183	10	
40	0	9.37341,38781	8,65816	9.98752,62773	51203	9.38588,76008	9,17019	10,61411,23992	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9.37341,38781	8,65816	9.98752,62773	51203	9.38588,76008	9,17019	10,61411,23992	0	20
	10	9.37350,04597	8,65634	9.98752,11570	51213	9.38597,93027	9,16847	10,61402,06973	50	
	20	9.37358,70231	8,65450	9.98751,60357	51224	9.38607,09874	9,16675	10,61392,90126	40	
	30	9.37367,35681	8,65269	9.98751,09133	51235	9.38616,26549	9,16503	10,61383,73451	30	
	40	9.37376,00950	8,65085	9.98750,57898	51246	9.38625,43052	9,16332	10,61374,56948	20	
	50	9.37384,66035	8,64903	9.98750,06652	51257	9.38634,59384	9,16159	10,61365,40616	10	
41	0	9.37393,30938	8,64721	9.98749,55395	51268	9.38643,75543	9,15989	10,61356,24457	0	19
	10	9.37401,95659	8,64538	9.98749,04127	51278	9.38652,91532	9,15816	10,61347,08468	50	
	20	9.37410,60197	8,64356	9.98748,52849	51289	9.38662,07348	9,15645	10,61337,92652	40	
	30	9.37419,24553	8,64174	9.98748,01560	51300	9.38671,22993	9,15474	10,61328,77007	30	
	40	9.37427,88727	8,63992	9.98747,50260	51311	9.38680,38467	9,15303	10,61319,61533	20	
	50	9.37436,52719	8,63809	9.98746,98949	51322	9.38689,53770	9,15131	10,61310,46230	10	
42	0	9.37445,16528	8,63628	9.98746,47627	51332	9.38698,68901	9,14960	10,61301,31099	0	18
	10	9.37453,80156	8,63446	9.98745,96295	51343	9.38707,83861	9,14789	10,61292,16139	50	
	20	9.37462,43602	8,63264	9.98745,44952	51354	9.38716,98650	9,14618	10,61283,01350	40	
	30	9.37471,06866	8,63082	9.98744,93598	51365	9.38726,13268	9,14447	10,61273,86732	30	
	40	9.37479,69948	8,62900	9.98744,42233	51376	9.38735,27715	9,14276	10,61264,72285	20	
	50	9.37488,32848	8,62719	9.98743,90857	51386	9.38744,41991	9,14105	10,61255,58009	10	
43	0	9.37496,95567	8,62537	9.98743,39471	51398	9.38753,56096	9,13935	10,61246,43904	0	17
	10	9.37505,58104	8,62356	9.98742,88073	51408	9.38762,70031	9,13764	10,61237,29969	50	
	20	9.37514,20460	8,62174	9.98742,36665	51419	9.38771,83795	9,13593	10,61228,16205	40	
	30	9.37522,82634	8,61994	9.98741,85246	51430	9.38780,97388	9,13423	10,61219,02612	30	
	40	9.37531,44628	8,61811	9.98741,33816	51440	9.38790,10811	9,13253	10,61209,89189	20	
	50	9.37540,06439	8,61631	9.98740,82376	51452	9.38799,24064	9,13082	10,61200,75936	10	
44	0	9.37548,68070	8,61449	9.98740,30924	51462	9.38808,37146	9,12911	10,61191,62854	0	16
	10	9.37557,29519	8,61269	9.98739,79462	51473	9.38817,50057	9,12742	10,61182,49943	50	
	20	9.37565,90788	8,61087	9.98739,27989	51484	9.38826,62799	9,12571	10,61173,37201	40	
	30	9.37574,51875	8,60907	9.98738,76505	51494	9.38835,75370	9,12401	10,61164,24630	30	
	40	9.37583,12782	8,60726	9.98738,25011	51506	9.38844,87771	9,12232	10,61155,12229	20	
	50	9.37591,73508	8,60545	9.98737,73505	51516	9.38854,00003	9,12061	10,61145,99997	10	
45	0	9.37600,34053	8,60364	9.98737,21989	51527	9.38863,12064	9,11891	10,61136,87936	0	15
	10	9.37608,94417	8,60184	9.98736,70462	51538	9.38872,23955	9,11722	10,61127,76045	50	
	20	9.37617,54601	8,60003	9.98736,18924	51549	9.38881,35677	9,11552	10,61118,64323	40	
	30	9.37626,14604	8,59822	9.98735,67375	51560	9.38890,47229	9,11382	10,61109,52771	30	
	40	9.37634,74426	8,59643	9.98735,15815	51570	9.38899,58611	9,11213	10,61100,41389	20	
	50	9.37643,34069	8,59462	9.98734,64245	51581	9.38908,69824	9,11043	10,61091,30176	10	
46	0	9.37651,93531	8,59281	9.98734,12664	51592	9.38917,80867	9,10874	10,61082,19133	0	14
	10	9.37660,52812	8,59102	9.98733,61072	51603	9.38926,91741	9,10704	10,61073,08259	50	
	20	9.37669,11914	8,58921	9.98733,09469	51614	9.38936,02445	9,10535	10,61063,97555	40	
	30	9.37677,70835	8,58741	9.98732,57855	51624	9.38945,12980	9,10366	10,61054,87020	30	
	40	9.37686,29576	8,58562	9.98732,06231	51636	9.38954,23346	9,10196	10,61045,76654	20	
	50	9.37694,88138	8,58381	9.98731,54595	51646	9.38963,33542	9,10028	10,61036,66458	10	
47	0	9.37703,46519	8,58202	9.98731,02949	51657	9.38972,43570	9,09859	10,61027,56430	0	13
	10	9.37712,04721	8,58022	9.98730,51292	51668	9.38981,53429	9,09689	10,61018,46571	50	
	20	9.37720,62743	8,57842	9.98729,99624	51678	9.38990,63118	9,09521	10,61009,36882	40	
	30	9.37729,20585	8,57662	9.98729,47946	51690	9.38999,72639	9,09352	10,61000,27361	30	
	40	9.37737,78247	8,57483	9.98728,96256	51700	9.39008,81991	9,09183	10,60991,18009	20	
	50	9.37746,35730	8,57304	9.98728,44556	51711	9.39017,91174	9,09015	10,60982,08826	10	
48	0	9.37754,93034	8,57124	9.98727,92845	51722	9.39027,00189	9,08846	10,60972,99811	0	12
	10	9.37763,50158	8,56945	9.98727,41123	51733	9.39036,09035	9,08678	10,60963,90965	50	
	20	9.37772,07103	8,56765	9.98726,89390	51743	9.39045,17713	9,08509	10,60954,82287	40	
	30	9.37780,63868	8,56587	9.98726,37647	51755	9.39054,26222	9,08340	10,60945,73778	30	
	40	9.37789,20455	8,56407	9.98725,85892	51765	9.39063,34562	9,08173	10,60936,65438	20	
	50	9.37797,76862	8,56228	9.98725,34127	51776	9.39072,42735	9,08004	10,60927,57265	10	
49	0	9.37806,33090	8,56049	9.98724,82351	51787	9.39081,50739	9,07836	10,60918,49261	0	11
	10	9.37814,89139	8,55870	9.98724,30564	51798	9.39090,58575	9,07668	10,60909,41425	50	
	20	9.37823,45009	8,55692	9.98723,78766	51808	9.39099,66243	9,07500	10,60900,33757	40	
	30	9.37832,00701	8,55512	9.98723,26958	51819	9.39108,73743	9,07332	10,60891,26257	30	
	40	9.37840,56213	8,55334	9.98722,75139	51831	9.39117,81075	9,07164	10,60882,18925	20	
	50	9.37849,11547	8,55156	9.98722,23308	51841	9.39126,88239	9,06996	10,60873,11761	10	
50	0	9.37857,66703	8,54977	9.98721,71467	51851	9.39135,95235	9,06829	10,60864,04765	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9.37857,66703	8,54977	9.98721,71467	51851	9.39135,95235	9,06829	10,60864,04765	0	10
	10	9.37866,21680	8,54798	9.98721,19616	51863	9.39145,02064	9,06661	10,60854,97936	50	
	20	9.37874,76478	8,54620	9.98720,67753	51874	9.39154,08725	9,06493	10,60845,91275	40	
	30	9.37883,31098	8,54441	9.98720,15879	51884	9.39163,15218	9,06326	10,60836,84782	30	
	40	9.37891,85539	8,54263	9.98719,63995	51895	9.39172,21544	9,06158	10,60827,78456	20	
	50	9.37900,39802	8,54085	9.98719,12100	51906	9.39181,27702	9,05991	10,60818,72298	10	
51	0	9.37908,93887	8,53907	9.98718,60194	51917	9.39190,33693	9,05824	10,60809,66307	0	9
	10	9.37917,47794	8,53729	9.98718,08277	51927	9.39199,39517	9,05657	10,60800,60483	50	
	20	9.37926,01523	8,53551	9.98717,56350	51939	9.39208,45174	9,05489	10,60791,54826	40	
	30	9.37934,55074	8,53373	9.98717,04411	51949	9.39217,50663	9,05322	10,60782,49337	30	
	40	9.37943,08447	8,53195	9.98716,52462	51960	9.39226,55985	9,05155	10,60773,44015	20	
	50	9.37951,61642	8,53017	9.98716,00502	51971	9.39235,61140	9,04988	10,60764,38860	10	
52	0	9.37960,14659	8,52840	9.98715,48531	51982	9.39244,66128	9,04822	10,60755,33872	0	8
	10	9.37968,67499	8,52662	9.98714,96549	51993	9.39253,70950	9,04654	10,60746,29050	50	
	20	9.37977,20161	8,52484	9.98714,44556	52003	9.39262,75604	9,04488	10,60737,24396	40	
	30	9.37985,72645	8,52307	9.98713,92553	52014	9.39271,80092	9,04321	10,60728,19908	30	
	40	9.37994,24952	8,52129	9.98713,40539	52025	9.39280,84413	9,04154	10,60719,15587	20	
	50	9.38002,77081	8,51952	9.98712,88514	52036	9.39289,88567	9,03988	10,60710,11433	10	
53	0	9.38011,29033	8,51775	9.98712,36478	52047	9.39298,92555	9,03822	10,60701,07445	0	7
	10	9.38019,80808	8,51597	9.98711,84431	52058	9.39307,96377	9,03655	10,60692,03623	50	
	20	9.38028,32405	8,51420	9.98711,32373	52068	9.39317,00032	9,03488	10,60682,99968	40	
	30	9.38036,83825	8,51244	9.98710,80305	52079	9.39326,03520	9,03323	10,60673,96480	30	
	40	9.38045,35069	8,51066	9.98710,28226	52090	9.39335,06843	9,03156	10,60664,93157	20	
	50	9.38053,86135	8,50889	9.98709,76136	52101	9.39344,09999	9,02990	10,60655,90001	10	
54	0	9.38062,37024	8,50712	9.98709,24035	52112	9.39353,12989	9,02824	10,60646,87011	0	6
	10	9.38070,87736	8,50536	9.98708,71923	52123	9.39362,15813	9,02659	10,60637,84187	50	
	20	9.38079,38272	8,50359	9.98708,19800	52133	9.39371,18472	9,02492	10,60628,81528	40	
	30	9.38087,88631	8,50182	9.98707,67667	52144	9.39380,20964	9,02326	10,60619,79036	30	
	40	9.38096,38813	8,50005	9.98707,15523	52155	9.39389,23290	9,02161	10,60610,76710	20	
	50	9.38104,88818	8,49829	9.98706,63368	52166	9.39398,25451	9,01995	10,60601,74549	10	
55	0	9.38113,38647	8,49653	9.98706,11202	52177	9.39407,27446	9,01829	10,60592,72554	0	5
	10	9.38121,88300	8,49476	9.98705,59025	52188	9.39416,29275	9,01664	10,60583,70725	50	
	20	9.38130,37776	8,49300	9.98705,06837	52198	9.39425,30939	9,01498	10,60574,69061	40	
	30	9.38138,87076	8,49123	9.98704,54639	52209	9.39434,32437	9,01332	10,60565,67563	30	
	40	9.38147,36199	8,48948	9.98704,02430	52220	9.39443,33769	9,01168	10,60556,66231	20	
	50	9.38155,85147	8,48771	9.98703,50210	52231	9.39452,34937	9,01002	10,60547,65063	10	
56	0	9.38164,33918	8,48595	9.98702,97979	52242	9.39461,35939	9,00837	10,60538,64061	0	4
	10	9.38172,82513	8,48419	9.98702,45737	52253	9.39470,36776	9,00672	10,60529,63224	50	
	20	9.38181,30932	8,48243	9.98701,93484	52263	9.39479,37448	9,00506	10,60520,62552	40	
	30	9.38189,79175	8,48068	9.98701,41221	52274	9.39488,37954	9,00342	10,60511,62046	30	
	40	9.38198,27243	8,47891	9.98700,88947	52285	9.39497,38296	9,00177	10,60502,61704	20	
	50	9.38206,75134	8,47716	9.98700,36662	52296	9.39506,38473	9,00012	10,60493,61527	10	
57	0	9.38215,22850	8,47540	9.98699,84366	52307	9.39515,38485	8,99847	10,60484,61515	0	3
	10	9.38223,70390	8,47365	9.98699,32059	52318	9.39524,38332	8,99682	10,60475,61668	50	
	20	9.38232,17755	8,47189	9.98698,79741	52328	9.39533,38014	8,99518	10,60466,61986	40	
	30	9.38240,64944	8,47014	9.98698,27413	52340	9.39542,37532	8,99353	10,60457,62468	30	
	40	9.38249,11958	8,46838	9.98697,75073	52350	9.39551,36885	8,99188	10,60448,63115	20	
	50	9.38257,58796	8,46664	9.98697,22723	52361	9.39560,36073	8,99024	10,60439,63927	10	
58	0	9.38266,05460	8,46487	9.98696,70362	52371	9.39569,35097	8,98860	10,60430,64903	0	2
	10	9.38274,51947	8,46313	9.98696,17991	52383	9.39578,33957	8,98695	10,60421,66043	50	
	20	9.38282,98260	8,46138	9.98695,65608	52394	9.39587,32652	8,98531	10,60412,67348	40	
	30	9.38291,44398	8,45962	9.98695,13214	52404	9.39596,31183	8,98367	10,60403,68817	30	
	40	9.38299,90360	8,45788	9.98694,60810	52415	9.39605,29550	8,98203	10,60394,70450	20	
	50	9.38308,36148	8,45613	9.98694,08395	52426	9.39614,27753	8,98039	10,60385,72247	10	
59	0	9.38316,81761	8,45437	9.98693,55969	52437	9.39623,25792	8,97874	10,60376,74208	0	1
	10	9.38325,27198	8,45264	9.98693,03532	52448	9.39632,23666	8,97711	10,60367,76334	50	
	20	9.38333,72462	8,45088	9.98692,51084	52458	9.39641,21377	8,97547	10,60358,78623	40	
	30	9.38342,17550	8,44914	9.98691,98626	52470	9.39650,18924	8,97383	10,60349,81076	30	
	40	9.38350,62464	8,44739	9.98691,46156	52480	9.39659,16307	8,97220	10,60340,83693	20	
	50	9.38359,07203	8,44565	9.98690,93676	52491	9.39668,13527	8,97056	10,60331,86473	10	
60	0	9.38367,51768	8,44390	9.98690,41185	52502	9.39677,10583	8,96892	10,60322,89417	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

14		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	9,38367,51768		9,98690,41185		9,39677,10583		10,60322,89417	0	60
1	10	9,38375,96158	8,44390	9,98689,88683	52502	9,39686,07475	8,96892	10,60313,92525	50	59
	20	9,38384,40374	8,44216	9,98689,36170	52513	9,39695,04204	8,96729	10,60304,95796	40	
	30	9,38392,84416	8,44042	9,98688,83647	52523	9,39704,00769	8,96565	10,60295,99231	30	
	40	9,38401,28284	8,43868	9,98688,31112	52535	9,39712,97171	8,96402	10,60287,02829	20	
	50	9,38409,71977	8,43693	9,98687,78567	52545	9,39721,93410	8,96239	10,60278,06590	10	
2	0	9,38418,15496	8,43519	9,98687,26011	52556	9,39730,89485	8,96075	10,60269,10515	0	58
	10	9,38426,58842	8,43346	9,98686,73444	52567	9,39739,85398	8,95913	10,60260,14602	50	
	20	9,38435,02013	8,43171	9,98686,20866	52578	9,39748,81147	8,95749	10,60251,18853	40	
	30	9,38443,45010	8,42997	9,98685,68278	52588	9,39757,76733	8,95586	10,60242,23267	30	
	40	9,38451,87834	8,42824	9,98685,15678	52600	9,39766,72156	8,95423	10,60233,27844	20	
3	50	9,38460,30484	8,42650	9,98684,63068	52610	9,39775,67416	8,95260	10,60224,32584	10	57
	0	9,38468,72960	8,42476	9,98684,10447	52621	9,39784,62514	8,95098	10,60215,37486	0	
	10	9,38477,15263	8,42303	9,98683,57814	52633	9,39793,57449	8,94935	10,60206,42551	50	
	20	9,38485,57392	8,42129	9,98683,05172	52642	9,39802,52221	8,94772	10,60197,47779	40	
	30	9,38493,99348	8,41956	9,98682,52518	52654	9,39811,46830	8,94609	10,60188,53170	30	
4	40	9,38502,41130	8,41782	9,98681,99853	52665	9,39820,41277	8,94447	10,60179,58723	20	56
	50	9,38510,82739	8,41609	9,98681,47178	52675	9,39829,35561	8,94284	10,60170,64439	10	
	0	9,38519,24175	8,41436	9,98680,94492	52686	9,39838,29683	8,94122	10,60161,70317	0	
	10	9,38527,65437	8,41262	9,98680,41795	52697	9,39847,23643	8,93960	10,60152,76357	50	
	20	9,38536,06526	8,41089	9,98679,89087	52708	9,39856,17440	8,93797	10,60143,82560	40	
5	30	9,38544,47443	8,40917	9,98679,36368	52719	9,39865,11075	8,93635	10,60134,88925	30	55
	40	9,38552,88186	8,40743	9,98678,83638	52730	9,39874,04548	8,93473	10,60125,95452	20	
	50	9,38561,28756	8,40570	9,98678,30898	52740	9,39882,97859	8,93311	10,60117,02141	10	
	0	9,38569,69154	8,40398	9,98677,78146	52752	9,39891,91008	8,93149	10,60108,08992	0	
	10	9,38578,09378	8,40224	9,98677,25384	52762	9,39900,83994	8,92986	10,60099,16006	50	
6	20	9,38586,49430	8,40052	9,98676,72611	52773	9,39909,76819	8,92825	10,60090,23181	40	54
	30	9,38594,89310	8,39880	9,98676,19827	52784	9,39918,69483	8,92664	10,60081,30517	30	
	40	9,38603,29016	8,39706	9,98675,67032	52795	9,39927,61984	8,92501	10,60072,38016	20	
	50	9,38611,68550	8,39534	9,98675,14227	52805	9,39936,54324	8,92340	10,60063,45676	10	
	0	9,38620,07912	8,39362	9,98674,61410	52817	9,39945,46502	8,92178	10,60054,53498	0	
7	10	9,38628,47101	8,39189	9,98674,08583	52827	9,39954,38519	8,92017	10,60045,61481	50	53
	20	9,38636,86118	8,39017	9,98673,55745	52838	9,39963,30374	8,91855	10,60036,69626	40	
	30	9,38645,24963	8,38845	9,98673,02896	52849	9,39972,22067	8,91693	10,60027,77933	30	
	40	9,38653,63636	8,38673	9,98672,50036	52860	9,39981,13600	8,91533	10,60018,86400	20	
	50	9,38662,02136	8,38500	9,98671,97165	52871	9,39990,04971	8,91371	10,60009,95029	10	
8	0	9,38670,40464	8,38328	9,98671,44284	52881	9,39998,96181	8,91210	10,60001,03819	0	52
	10	9,38678,78620	8,38156	9,98670,91391	52893	9,40007,87229	8,91048	10,59992,12771	50	
	20	9,38687,16605	8,37985	9,98670,38488	52903	9,40016,78117	8,90888	10,59983,21883	40	
	30	9,38695,54417	8,37812	9,98669,85574	52914	9,40025,68843	8,90726	10,59974,31157	30	
	40	9,38703,92058	8,37641	9,98669,32649	52925	9,40034,59409	8,90566	10,59965,40591	20	
9	50	9,38712,29527	8,37469	9,98668,79713	52936	9,40043,49814	8,90405	10,59956,50186	10	51
	0	9,38720,66824	8,37297	9,98668,26766	52947	9,40052,40058	8,90244	10,59947,59942	0	
	10	9,38729,03950	8,37126	9,98667,73809	52957	9,40061,30141	8,90083	10,59938,69859	50	
	20	9,38737,40904	8,36954	9,98667,20841	52968	9,40070,20064	8,89923	10,59929,79936	40	
	30	9,38745,77687	8,36783	9,98666,67861	52980	9,40079,09825	8,89761	10,59920,90175	30	
10	40	9,38754,14298	8,36611	9,98666,14871	52990	9,40087,99427	8,89602	10,59912,00573	20	50
	50	9,38762,50738	8,36440	9,98665,61870	53001	9,40096,88868	8,89441	10,59903,11132	10	
	0	9,38770,87007	8,36269	9,98665,08858	53012	9,40105,78148	8,89280	10,59894,21852	0	
	10	9,38779,23104	8,36097	9,98664,55836	53022	9,40114,67268	8,89120	10,59885,32732	50	
	20	9,38787,59030	8,35926	9,98664,02802	53034	9,40123,56228	8,88960	10,59876,43772	40	
	30	9,38795,94786	8,35756	9,98663,49758	53044	9,40132,45028	8,88800	10,59867,54972	30	49
	40	9,38804,30370	8,35584	9,98662,96703	53055	9,40141,33667	8,88639	10,59858,66333	20	
	50	9,38812,65783	8,35413	9,98662,43637	53066	9,40150,22147	8,88480	10,59849,77853	10	
	0	9,38821,01026	8,35243	9,98661,90560	53077	9,40159,10466	8,88319	10,59840,89534	0	
	10	9,38829,36097	8,35071	9,98661,37472	53088	9,40167,98625	8,88159	10,59832,01375	50	
	20	9,38837,70998	8,34901	9,98660,84373	53099	9,40176,86625	8,88000	10,59823,13375	40	48
	30	9,38846,05728	8,34730	9,98660,31264	53109	9,40185,74465	8,87840	10,59814,25535	30	
	40	9,38854,40288	8,34560	9,98659,78143	53121	9,40194,62145	8,87680	10,59805,37855	20	
	50	9,38862,74677	8,34389	9,98659,25012	53131	9,40203,49665	8,87520	10,59796,50335	10	
	0	9,38871,08896	8,34219	9,98658,71870	53142	9,40212,37025	8,87360	10,59787,62975	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

14		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	commu- nes.	Logarithmi.		
10	0	9,38871,08896		9,98658,71870			9,40212,37025		10,59787,62975	0	50
	10	9,38879,42944	8,34048	9,98658,18717	53153		9,40221,24226	8,87201	10,59778,75774	50	
	20	9,38887,76821	8,33877	9,98657,65553	53164		9,40230,11268	8,87042	10,59769,88732	40	
	30	9,38896,10529	8,33708	9,98657,12379	53174		9,40238,98150	8,86882	10,59761,01850	30	
	40	9,38904,44066	8,33537	9,98656,59193	53186		9,40247,84873	8,86723	10,59752,15127	20	
	50	9,38912,77433	8,33367	9,98656,05997	53196		9,40256,71436	8,86563	10,59743,28564	10	
11	0	9,38921,10630	8,33197	9,98655,52790	53207		9,40265,57841	8,86405	10,59734,42159	0	49
	10	9,38929,43657	8,33027	9,98654,99572	53218		9,40274,44086	8,86245	10,59725,55914	50	
	20	9,38937,76514	8,32857	9,98654,46343	53229		9,40283,30172	8,86086	10,59716,69828	40	
	30	9,38946,09202	8,32688	9,98653,93103	53240		9,40292,16099	8,85927	10,59707,83901	30	
	40	9,38954,41719	8,32517	9,98653,39852	53251		9,40301,01867	8,85768	10,59698,98133	20	
	50	9,38962,74066	8,32347	9,98652,86591	53261		9,40309,87476	8,85609	10,59690,12524	10	
12	0	9,38971,06244	8,32178	9,98652,33318	53273		9,40318,72926	8,85450	10,59681,27074	0	48
	10	9,38979,38253	8,32009	9,98651,80035	53283		9,40327,58218	8,85292	10,59672,41782	50	
	20	9,38987,70091	8,31838	9,98651,26741	53294		9,40336,43350	8,85132	10,59663,56650	40	
	30	9,38996,01760	8,31669	9,98650,73436	53305		9,40345,28325	8,84975	10,59654,71675	30	
	40	9,39004,33260	8,31500	9,98650,20120	53316		9,40354,13140	8,84815	10,59645,86860	20	
	50	9,39012,64590	8,31330	9,98649,66793	53327		9,40362,97797	8,84657	10,59637,02203	10	
13	0	9,39020,95751	8,31161	9,98649,13456	53337		9,40371,82296	8,84499	10,59628,17704	0	47
	10	9,39029,26743	8,30992	9,98648,60107	53349		9,40380,66636	8,84340	10,59619,33364	50	
	20	9,39037,57566	8,30823	9,98648,06748	53359		9,40389,50818	8,84182	10,59610,49182	40	
	30	9,39045,88219	8,30653	9,98647,53378	53370		9,40398,34841	8,84023	10,59601,65159	30	
	40	9,39054,18704	8,30485	9,98646,99997	53381		9,40407,18707	8,83866	10,59592,81293	20	
	50	9,39062,49019	8,30315	9,98646,46605	53392		9,40416,02414	8,83707	10,59583,97586	10	
14	0	9,39070,79166	8,30147	9,98645,93202	53403		9,40424,85964	8,83550	10,59575,14036	0	46
	10	9,39079,09143	8,29977	9,98645,39789	53413		9,40433,69355	8,83391	10,59566,30645	50	
	20	9,39087,38952	8,29809	9,98644,86364	53425		9,40442,52588	8,83233	10,59557,47412	40	
	30	9,39095,68592	8,29640	9,98644,32929	53435		9,40451,35664	8,83076	10,59548,64336	30	
	40	9,39103,98064	8,29472	9,98643,79483	53446		9,40460,18581	8,82917	10,59539,81419	20	
	50	9,39112,27367	8,29303	9,98643,26025	53458		9,40469,01341	8,82760	10,59530,98659	10	
15	0	9,39120,56501	8,29134	9,98642,72558	53467		9,40477,83944	8,82603	10,59522,16056	0	45
	10	9,39128,85467	8,28966	9,98642,19079	53479		9,40486,66388	8,82444	10,59513,33612	50	
	20	9,39137,14265	8,28798	9,98641,65589	53490		9,40495,48676	8,82288	10,59504,51324	40	
	30	9,39145,42894	8,28629	9,98641,12089	53500		9,40504,30805	8,82129	10,59495,69195	30	
	40	9,39153,71355	8,28461	9,98640,58577	53512		9,40513,12777	8,81972	10,59486,87223	20	
	50	9,39161,99647	8,28292	9,98640,05055	53522		9,40521,94592	8,81815	10,59478,05408	10	
16	0	9,39170,27772	8,28125	9,98639,51522	53533		9,40530,76250	8,81658	10,59469,23750	0	44
	10	9,39178,55728	8,27956	9,98638,97978	53544		9,40539,57750	8,81500	10,59460,42250	50	
	20	9,39186,83517	8,27789	9,98638,44423	53555		9,40548,39094	8,81344	10,59451,60906	40	
	30	9,39195,11137	8,27620	9,98637,90857	53566		9,40557,20280	8,81186	10,59442,79720	30	
	40	9,39203,38590	8,27453	9,98637,37280	53577		9,40566,01309	8,81029	10,59433,98691	20	
	50	9,39211,65874	8,27284	9,98636,83693	53587		9,40574,82181	8,80872	10,59425,17819	10	
17	0	9,39219,92991	8,27117	9,98636,30095	53598		9,40583,62897	8,80716	10,59416,37103	0	43
	10	9,39228,19940	8,26949	9,98635,76485	53610		9,40592,43455	8,80558	10,59407,56545	50	
	20	9,39236,46722	8,26782	9,98635,22865	53620		9,40601,23857	8,80402	10,59398,76143	40	
	30	9,39244,73336	8,26614	9,98634,69234	53631		9,40610,04102	8,80245	10,59389,95898	30	
	40	9,39252,99783	8,26447	9,98634,15593	53641		9,40618,84190	8,80088	10,59381,15810	20	
	50	9,39261,26062	8,26279	9,98633,61940	53653		9,40627,64122	8,79932	10,59372,35878	10	
18	0	9,39269,52173	8,26111	9,98633,08276	53664		9,40636,43897	8,79775	10,59363,56103	0	42
	10	9,39277,78118	8,25945	9,98632,54602	53674		9,40645,23516	8,79619	10,59354,76484	50	
	20	9,39286,03895	8,25777	9,98632,00917	53685		9,40654,02979	8,79463	10,59345,97021	40	
	30	9,39294,29505	8,25610	9,98631,47220	53697		9,40662,82285	8,79306	10,59337,17715	30	
	40	9,39302,54948	8,25443	9,98630,93513	53707		9,40671,61435	8,79150	10,59328,38565	20	
	50	9,39310,80224	8,25276	9,98630,39795	53718		9,40680,40428	8,78993	10,59319,59572	10	
19	0	9,39319,05332	8,25108	9,98629,86067	53728		9,40689,19266	8,78838	10,59310,80734	0	41
	10	9,39327,30274	8,24942	9,98629,32327	53740		9,40697,97947	8,78681	10,59302,02053	50	
	20	9,39335,55049	8,24775	9,98628,78576	53751		9,40706,76473	8,78526	10,59293,23527	40	
	30	9,39343,79657	8,24608	9,98628,24815	53761		9,40715,54842	8,78369	10,59284,45158	30	
	40	9,39352,04099	8,24442	9,98627,71043	53772		9,40724,33056	8,78214	10,59275,66944	20	
	50	9,39360,28373	8,24274	9,98627,17259	53784		9,40733,11114	8,78058	10,59266,88886	10	
20	0	9,39368,52481	8,24108	9,98626,63465	53794		9,40741,89016	8,77902	10,59258,10984	0	40
		Sin. Comple.	8,23942	SINVVM	53805		Tang. compl.	8,77746	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9.39368,52481		9.98626,63465	53805	9.40741,89016		10.59258,10984	0	40
	10	9.39376,76423	8,23942	9.98626,09660	53815	9.40750,66762	8,77746	10.59249,33238	50	
	20	9.39385,00198	8,23775	9.98625,55845	53827	9.40759,44353	8,77591	10.59240,55647	40	
	30	9.39393,23806	8,23608	9.98625,02018	53838	9.40768,21788	8,77435	10.59231,78212	30	
	40	9.39401,47249	8,23443	9.98624,48180	53848	9.40776,99068	8,77280	10.59223,00932	20	
	50	9.39409,70525	8,23276	9.98623,94332	53859	9.40785,76193	8,77125	10.59214,23807	10	
21	0	9.39417,93634	8,23109	9.98623,40473	53870	9.40794,53162	8,76969	10.59205,46838	0	39
	10	9.39426,16578	8,22944	9.98622,86603	53881	9.40803,29975	8,76813	10.59196,70025	50	
	20	9.39434,39355	8,22777	9.98622,32722	53892	9.40812,06634	8,76659	10.59187,93366	40	
	30	9.39442,61967	8,22612	9.98621,78830	53903	9.40820,83137	8,76503	10.59179,16863	30	
	40	9.39450,84412	8,22445	9.98621,24927	53914	9.40829,59485	8,76348	10.59170,40515	20	
	50	9.39459,06691	8,22279	9.98620,71013	53924	9.40838,35678	8,76193	10.59161,64322	10	
22	0	9.39467,28805	8,22114	9.98620,17089	53936	9.40847,11716	8,76038	10.59152,88284	0	38
	10	9.39475,50753	8,21948	9.98619,63153	53946	9.40855,87599	8,75883	10.59144,12401	50	
	20	9.39483,72535	8,21782	9.98619,09207	53957	9.40864,63328	8,75729	10.59135,36672	40	
	30	9.39491,94151	8,21616	9.98618,55250	53968	9.40873,38901	8,75573	10.59126,61099	30	
	40	9.39500,15602	8,21451	9.98618,01282	53979	9.40882,14320	8,75419	10.59117,85680	20	
	50	9.39508,36887	8,21285	9.98617,47303	53990	9.40890,89584	8,75264	10.59109,10416	10	
23	0	9.39516,58007	8,21120	9.98616,93313	54001	9.40899,64694	8,75110	10.59100,35306	0	37
	10	9.39524,78961	8,20954	9.98616,39312	54011	9.40908,39649	8,74955	10.59091,60351	50	
	20	9.39532,99750	8,20789	9.98615,85301	54023	9.40917,14449	8,74800	10.59082,85551	40	
	30	9.39541,20373	8,20623	9.98615,31278	54033	9.40925,89095	8,74646	10.59074,10905	30	
	40	9.39549,40832	8,20459	9.98614,77245	54044	9.40934,63587	8,74492	10.59065,36413	20	
	50	9.39557,61125	8,20293	9.98614,23201	54056	9.40943,37924	8,74337	10.59056,62076	10	
24	0	9.39565,81253	8,20128	9.98613,69145	54066	9.40952,12107	8,74183	10.59047,87893	0	36
	10	9.39574,01216	8,19963	9.98613,15079	54076	9.40960,86136	8,74029	10.59039,13864	50	
	20	9.39582,21014	8,19798	9.98612,61003	54088	9.40969,60011	8,73875	10.59030,39989	40	
	30	9.39590,40647	8,19633	9.98612,06915	54099	9.40978,33732	8,73721	10.59021,66268	30	
	40	9.39598,60115	8,19468	9.98611,52816	54109	9.40987,07299	8,73567	10.59012,92701	20	
	50	9.39606,79419	8,19304	9.98610,98707	54121	9.40995,80712	8,73413	10.59004,19288	10	
25	0	9.39614,98557	8,19138	9.98610,44586	54131	9.41004,53971	8,73259	10.58995,46029	0	35
	10	9.39623,17531	8,18974	9.98609,90455	54142	9.41013,27076	8,73105	10.58986,72924	50	
	20	9.39631,36341	8,18810	9.98609,36313	54153	9.41022,00028	8,72952	10.58977,99972	40	
	30	9.39639,54986	8,18645	9.98608,82160	54164	9.41030,72826	8,72798	10.58969,27174	30	
	40	9.39647,73466	8,18480	9.98608,27996	54175	9.41039,45470	8,72644	10.58960,54530	20	
	50	9.39655,91782	8,18316	9.98607,73821	54186	9.41048,17961	8,72491	10.58951,82039	10	
26	0	9.39664,09934	8,18152	9.98607,19635	54196	9.41056,90298	8,72337	10.58943,09702	0	34
	10	9.39672,27921	8,17987	9.98606,65439	54208	9.41065,62482	8,72184	10.58934,37518	50	
	20	9.39680,45744	8,17823	9.98606,11231	54218	9.41074,34512	8,72030	10.58925,65488	40	
	30	9.39688,63403	8,17659	9.98605,57013	54229	9.41083,06390	8,71878	10.58916,93610	30	
	40	9.39696,80897	8,17494	9.98605,02784	54240	9.41091,78113	8,71723	10.58908,21887	20	
	50	9.39704,98228	8,17331	9.98604,48544	54251	9.41100,49684	8,71571	10.58899,50316	10	
27	0	9.39713,15395	8,17167	9.98603,94293	54262	9.41109,21102	8,71418	10.58890,78898	0	33
	10	9.39721,32397	8,17002	9.98603,40031	54273	9.41117,92367	8,71265	10.58882,07633	50	
	20	9.39729,49236	8,16839	9.98602,85758	54284	9.41126,63478	8,71111	10.58873,36522	40	
	30	9.39737,65911	8,16675	9.98602,31474	54294	9.41135,34437	8,70959	10.58864,65563	30	
	40	9.39745,82423	8,16512	9.98601,77180	54306	9.41144,05243	8,70806	10.58855,94757	20	
	50	9.39753,98770	8,16347	9.98601,22874	54316	9.41152,75896	8,70653	10.58847,24104	10	
28	0	9.39762,14954	8,16184	9.98600,68558	54327	9.41161,46396	8,70500	10.58838,53604	0	32
	10	9.39770,30975	8,16021	9.98600,14231	54338	9.41170,16744	8,70348	10.58829,83256	50	
	20	9.39778,46831	8,15856	9.98599,59893	54349	9.41178,86939	8,70195	10.58821,13061	40	
	30	9.39786,62525	8,15694	9.98599,05544	54360	9.41187,56981	8,70042	10.58812,43019	30	
	40	9.39794,78055	8,15530	9.98598,51184	54371	9.41196,26871	8,69890	10.58803,73129	20	
	50	9.39802,93422	8,15367	9.98597,96813	54381	9.41204,96608	8,69737	10.58795,03392	10	
29	0	9.39811,08625	8,15203	9.98597,42432	54393	9.41213,66194	8,69586	10.58786,33806	0	31
	10	9.39819,23666	8,15041	9.98596,88039	54403	9.41222,35626	8,69432	10.58777,64374	50	
	20	9.39827,38543	8,14877	9.98596,33636	54415	9.41231,04907	8,69281	10.58768,95093	40	
	30	9.39835,53257	8,14714	9.98595,79221	54425	9.41239,74035	8,69128	10.58760,25965	30	
	40	9.39843,67808	8,14551	9.98595,24796	54436	9.41248,43012	8,68977	10.58751,56988	20	
	50	9.39851,82196	8,14388	9.98594,70360	54447	9.41257,11836	8,68824	10.58742,88164	10	
30	0	9.39859,96421	8,14225	9.98594,15913	54458	9.41265,80508	8,68672	10.58734,19492	0	30
		Sin. Comple.	8,14063	SINVVM		Tang. compl.	8,68520	TANGEN.	S	M

14		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9.39859.96421	8,14063	9.98594,15913	54458		9.41265,80508	8,68520	10,58734,19492	0	30
	10	9.39868,10484	8,13899	9.98593,61455	54469		9.41274,49028	8,68369	10,58725,50972	50	
	20	9.39876,24383	8,13737	9.98593,06986	54479		9.41283,17397	8,68216	10,58716,82603	40	
	30	9.39884,38120	8,13575	9.98592,52507	54491		9.41291,85613	8,68065	10,58708,14387	30	
	40	9.39892,51695	8,13411	9.98591,98016	54501		9.41300,53678	8,67913	10,58699,46322	20	
	50	9.39900,65106	8,13249	9.98591,43515	54513		9.41309,21591	8,67762	10,58690,78409	10	
31	0	9.39908,78355	8,13087	9.98590,89002	54523		9.41317,89353	8,67610	10,58682,10647	0	29
	10	9.39916,91442	8,12924	9.98590,34479	54534		9.41326,56963	8,67458	10,58673,43037	50	
	20	9.39925,04366	8,12762	9.98589,79945	54545		9.41335,24421	8,67307	10,58664,75579	40	
	30	9.39933,17128	8,12600	9.98589,25400	54556		9.41343,91728	8,67156	10,58656,08272	30	
	40	9.39941,29728	8,12438	9.98588,70844	54567		9.41352,58884	8,67004	10,58647,41116	20	
	50	9.39949,42166	8,12275	9.98588,16277	54577		9.41361,25888	8,66853	10,58638,74112	10	
32	0	9.39957,54441	8,12113	9.98587,61700	54589		9.41369,92741	8,66702	10,58630,07259	0	28
	10	9.39965,66554	8,11951	9.98587,07111	54599		9.41378,59443	8,66550	10,58621,40557	50	
	20	9.39973,78505	8,11789	9.98586,52512	54611		9.41387,25993	8,66400	10,58612,74007	40	
	30	9.39981,90294	8,11628	9.98585,97901	54621		9.41395,92393	8,66249	10,58604,07607	30	
	40	9.39990,01922	8,11465	9.98585,43280	54632		9.41404,58642	8,66097	10,58595,41358	20	
	50	9.39998,13387	8,11304	9.98584,88648	54643		9.41413,24739	8,65947	10,58586,75261	10	
33	0	9.40006,24691	8,11142	9.98584,34005	54654		9.41421,90686	8,65796	10,58578,09314	0	27
	10	9.40014,35833	8,10980	9.98583,79351	54665		9.41430,56482	8,65645	10,58569,43518	50	
	20	9.40022,46813	8,10818	9.98583,24686	54676		9.41439,22127	8,65494	10,58560,77873	40	
	30	9.40030,57631	8,10657	9.98582,70010	54686		9.41447,87621	8,65344	10,58552,12379	30	
	40	9.40038,68288	8,10496	9.98582,15324	54698		9.41456,52965	8,65193	10,58543,47035	20	
	50	9.40046,78784	8,10334	9.98581,60626	54708		9.41465,18158	8,65042	10,58534,81842	10	
34	0	9.40054,89118	8,10173	9.98581,05918	54720		9.41473,83200	8,64892	10,58526,16800	0	26
	10	9.40062,99291	8,10011	9.98580,51198	54730		9.41482,48092	8,64742	10,58517,51908	50	
	20	9.40071,09302	8,09850	9.98579,96468	54741		9.41491,12834	8,64591	10,58508,87166	40	
	30	9.40079,19152	8,09689	9.98579,41727	54752		9.41499,77425	8,64441	10,58500,22575	30	
	40	9.40087,28841	8,09528	9.98578,86975	54763		9.41508,41866	8,64291	10,58491,58134	20	
	50	9.40095,38369	8,09367	9.98578,32212	54774		9.41517,06157	8,64140	10,58482,93843	10	
35	0	9.40103,47736	8,09205	9.98577,77438	54784		9.41525,70297	8,63991	10,58474,29703	0	25
	10	9.40111,56941	8,09045	9.98577,22654	54796		9.41534,34288	8,63840	10,58465,65712	50	
	20	9.40119,65986	8,08884	9.98576,67858	54807		9.41542,98128	8,63691	10,58457,01872	40	
	30	9.40127,74870	8,08723	9.98576,13051	54817		9.41551,61819	8,63540	10,58448,38181	30	
	40	9.40135,83593	8,08562	9.98575,58234	54828		9.41560,25359	8,63391	10,58439,74641	20	
	50	9.40143,92155	8,08402	9.98575,03406	54839		9.41568,88750	8,63240	10,58431,11250	10	
36	0	9.40152,00557	8,08241	9.98574,48567	54851		9.41577,51990	8,63091	10,58422,48010	0	24
	10	9.40160,08798	8,08080	9.98573,93716	54861		9.41586,15081	8,62942	10,58413,84919	50	
	20	9.40168,16878	8,07920	9.98573,38855	54871		9.41594,78023	8,62791	10,58405,21977	40	
	30	9.40176,24798	8,07759	9.98572,83984	54883		9.41603,40814	8,62643	10,58396,59186	30	
	40	9.40184,32557	8,07599	9.98572,29101	54894		9.41612,03457	8,62492	10,58387,96543	20	
	50	9.40192,40156	8,07439	9.98571,74207	54905		9.41620,65949	8,62343	10,58379,34051	10	
37	0	9.40200,47595	8,07278	9.98571,19302	54915		9.41629,28292	8,62194	10,58370,71708	0	23
	10	9.40208,54873	8,07118	9.98570,64387	54927		9.41637,90486	8,62044	10,58362,09514	50	
	20	9.40216,61991	8,06958	9.98570,09460	54937		9.41646,52530	8,61896	10,58353,47470	40	
	30	9.40224,68949	8,06797	9.98569,54523	54948		9.41655,14426	8,61745	10,58344,85574	30	
	40	9.40232,75746	8,06638	9.98568,99575	54959		9.41663,76171	8,61597	10,58336,23829	20	
	50	9.40240,82384	8,06478	9.98568,44616	54970		9.41672,37768	8,61448	10,58327,62232	10	
38	0	9.40248,88862	8,06317	9.98567,89646	54981		9.41680,99216	8,61299	10,58319,00784	0	22
	10	9.40256,95179	8,06158	9.98567,34665	54992		9.41689,60515	8,61149	10,58310,39485	50	
	20	9.40265,01337	8,05998	9.98566,79673	55003		9.41698,21664	8,61001	10,58301,78336	40	
	30	9.40273,07335	8,05838	9.98566,24670	55014		9.41706,82665	8,60852	10,58293,17335	30	
	40	9.40281,13173	8,05679	9.98565,69656	55024		9.41715,43517	8,60703	10,58284,56483	20	
	50	9.40289,18852	8,05519	9.98565,14632	55036		9.41724,04220	8,60554	10,58275,95780	10	
39	0	9.40297,24371	8,05359	9.98564,59596	55046		9.41732,64774	8,60406	10,58267,35226	0	21
	10	9.40305,29730	8,05200	9.98564,04550	55057		9.41741,25180	8,60257	10,58258,74820	50	
	20	9.40313,34930	8,05040	9.98563,49493	55068		9.41749,85437	8,60109	10,58250,14563	40	
	30	9.40321,39970	8,04881	9.98562,94425	55079		9.41758,45546	8,59959	10,58241,54454	30	
	40	9.40329,44851	8,04722	9.98562,39346	55090		9.41767,05505	8,59812	10,58232,94495	20	
	50	9.40337,49573	8,04562	9.98561,84256	55101		9.41775,65317	8,59663	10,58224,34683	10	
40	0	9.40345,54135	8,04403	9.98561,29155	55112		9.41784,24980	8,59515	10,58215,75020	0	20
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

14		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,40345,54135		9,98561,29155		9,41784,24980		10,58215,75020	0	20
	10	9,40353,58538	8,04403	9,98560,74043	55112	9,41792,84495	8,59515	10,58207,15505	50	
	20	9,40361,62782	8,04244	9,98560,18920	55123	9,41801,43862	8,59367	10,58198,56138	40	
	30	9,40369,66867	8,04085	9,98559,63787	55133	9,41810,03080	8,59218	10,58189,96920	30	
	40	9,40377,70792	8,03925	9,98559,08642	55145	9,41818,62150	8,59070	10,58181,37850	20	
	50	9,40385,74559	8,03767	9,98558,53487	55155	9,41827,21072	8,58922	10,58172,78928	10	
41	0	9,40393,78167	8,03608	9,98557,98320	55167	9,41835,79847	8,58775	10,58164,20153	0	19
	10	9,40401,81616	8,03449	9,98557,43143	55177	9,41844,38473	8,58626	10,58155,61527	50	
	20	9,40409,84906	8,03290	9,98556,87955	55188	9,41852,96951	8,58478	10,58147,03049	40	
	30	9,40417,88037	8,03131	9,98556,32756	55199	9,41861,55281	8,58330	10,58138,44719	30	
	40	9,40425,91010	8,02973	9,98555,77546	55210	9,41870,13464	8,58183	10,58129,86536	20	
	50	9,40433,93824	8,02814	9,98555,22325	55221	9,41878,71499	8,58035	10,58121,28501	10	
42	0	9,40441,96479	8,02655	9,98554,67093	55232	9,41887,29386	8,57887	10,58112,70614	0	18
	10	9,40449,98976	8,02497	9,98554,11850	55243	9,41895,87126	8,57740	10,58104,12874	50	
	20	9,40458,01314	8,02338	9,98553,56597	55253	9,41904,44718	8,57592	10,58095,55282	40	
	30	9,40466,03494	8,02180	9,98553,01332	55265	9,41913,02162	8,57444	10,58086,97838	30	
	40	9,40474,05516	8,02022	9,98552,46057	55275	9,41921,59459	8,57297	10,58078,40541	20	
	50	9,40482,07379	8,01863	9,98551,90770	55287	9,41930,16609	8,57150	10,58069,83391	10	
43	0	9,40490,09085	8,01706	9,98551,35473	55297	9,41938,73611	8,57002	10,58061,26389	0	17
	10	9,40498,10632	8,01547	9,98550,80165	55308	9,41947,30467	8,56856	10,58052,69533	50	
	20	9,40506,12020	8,01388	9,98550,24846	55319	9,41955,87175	8,56708	10,58044,12825	40	
	30	9,40514,13251	8,01231	9,98549,69516	55330	9,41964,43735	8,56560	10,58035,56265	30	
	40	9,40522,14324	8,01073	9,98549,14175	55341	9,41973,00149	8,56414	10,58026,99851	20	
	50	9,40530,15239	8,00915	9,98548,58823	55352	9,41981,56416	8,56267	10,58018,43584	10	
44	0	9,40538,15996	8,00757	9,98548,03460	55363	9,41990,12535	8,56119	10,58009,87465	0	16
	10	9,40546,16595	8,00599	9,98547,48087	55373	9,41998,68508	8,55973	10,58001,31492	50	
	20	9,40554,17036	8,00441	9,98546,92702	55385	9,42007,24334	8,55826	10,57992,75666	40	
	30	9,40562,17320	8,00284	9,98546,37307	55395	9,42015,80013	8,55679	10,57984,19987	30	
	40	9,40570,17446	8,00126	9,98545,81900	55407	9,42024,35546	8,55533	10,57975,64454	20	
	50	9,40578,17414	7,99968	9,98545,26483	55417	9,42032,90932	8,55386	10,57967,09068	10	
45	0	9,40586,17225	7,99811	9,98544,71055	55428	9,42041,46171	8,55239	10,57958,53829	0	15
	10	9,40594,16879	7,99654	9,98544,15615	55440	9,42050,01263	8,55092	10,57949,98737	50	
	20	9,40602,16375	7,99496	9,98543,60165	55450	9,42058,56209	8,54946	10,57941,43791	40	
	30	9,40610,15713	7,99338	9,98543,04704	55461	9,42067,11009	8,54800	10,57932,88991	30	
	40	9,40618,14895	7,99182	9,98542,49233	55471	9,42075,65662	8,54653	10,57924,34338	20	
	50	9,40626,13919	7,99024	9,98541,93750	55483	9,42084,20169	8,54507	10,57915,79831	10	
46	0	9,40634,12786	7,98867	9,98541,38256	55494	9,42092,74530	8,54361	10,57907,25470	0	14
	10	9,40642,11496	7,98710	9,98540,82751	55505	9,42101,28744	8,54214	10,57898,71256	50	
	20	9,40650,10048	7,98552	9,98540,27236	55515	9,42109,82813	8,54069	10,57890,17187	40	
	30	9,40658,08444	7,98396	9,98539,71709	55527	9,42118,36735	8,53922	10,57881,63265	30	
	40	9,40666,06683	7,98239	9,98539,16172	55537	9,42126,90511	8,53776	10,57873,09489	20	
	50	9,40674,04765	7,98082	9,98538,60624	55548	9,42135,44141	8,53630	10,57864,55859	10	
47	0	9,40682,02690	7,97925	9,98538,05064	55560	9,42143,97625	8,53484	10,57856,02375	0	13
	10	9,40690,00458	7,97768	9,98537,49494	55570	9,42152,50964	8,53339	10,57847,49036	50	
	20	9,40697,98070	7,97612	9,98536,93913	55581	9,42161,04156	8,53192	10,57838,95844	40	
	30	9,40705,95524	7,97454	9,98536,38321	55592	9,42169,57203	8,53047	10,57830,42797	30	
	40	9,40713,92823	7,97299	9,98535,82718	55603	9,42178,10104	8,52901	10,57821,89896	20	
	50	9,40721,89964	7,97141	9,98535,27104	55614	9,42186,62860	8,52756	10,57813,37140	10	
48	0	9,40729,86950	7,96986	9,98534,71480	55624	9,42195,15470	8,52610	10,57804,84530	0	12
	10	9,40737,83778	7,96828	9,98534,15844	55636	9,42203,67934	8,52464	10,57796,32066	50	
	20	9,40745,80451	7,96673	9,98533,60197	55647	9,42212,20253	8,52319	10,57787,79747	40	
	30	9,40753,76967	7,96516	9,98533,04540	55657	9,42220,72427	8,52174	10,57779,27573	30	
	40	9,40761,73327	7,96360	9,98532,48871	55669	9,42229,24455	8,52028	10,57770,75545	20	
	50	9,40769,69530	7,96203	9,98531,93192	55679	9,42237,76338	8,51883	10,57762,23662	10	
49	0	9,40777,65578	7,96048	9,98531,37502	55690	9,42246,28076	8,51738	10,57753,71924	0	11
	10	9,40785,61469	7,95891	9,98530,81801	55701	9,42254,79669	8,51593	10,57745,20331	50	
	20	9,40793,57204	7,95735	9,98530,26088	55713	9,42263,31116	8,51447	10,57736,68884	40	
	30	9,40801,52784	7,95580	9,98529,70365	55723	9,42271,82418	8,51302	10,57728,17582	30	
	40	9,40809,48207	7,95423	9,98529,14631	55734	9,42280,33576	8,51158	10,57719,66424	20	
	50	9,40817,43475	7,95268	9,98528,58887	55744	9,42288,84588	8,51012	10,57711,15412	10	
50	0	9,40825,38586	7,95111	9,98528,03131	55756	9,42297,35456	8,50868	10,57702,64544	0	10
		Sin. Comple.	7,94956	SINVVM	55767	Tang. compl.	8,50723	TANGEN.	S	M

14

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,40825,38586		9,98528,03131		9,42297,35456		10,57702,64544	0	10
	10	9,40833,33542	7,94956	9,98527,47364	55767	9,42305,86179	8,50723	10,57694,13821	50	
	20	9,40841,28343	7,94801	9,98526,91586	55778	9,42314,36757	8,50578	10,57685,63243	40	
	30	9,40849,22987	7,94644	9,98526,35798	55788	9,42322,87190	8,50433	10,57677,12810	30	
	40	9,40857,17477	7,94490	9,98525,79998	55800	9,42331,37478	8,50288	10,57668,62522	20	
	50	9,40865,11810	7,94333	9,98525,24188	55810	9,42339,87622	8,50144	10,57660,12378	10	
51	0	9,40873,05988	7,94178	9,98524,68366	55822	9,42348,37622	8,50000	10,57651,62378	0	9
			7,94023		55832		8,49855			
	10	9,40881,00011	7,93867	9,98524,12534	55843	9,42356,87477	8,49710	10,57643,12523	50	
	20	9,40888,93878	7,93712	9,98523,56691	55854	9,42365,37187	8,49567	10,57634,62813	40	
	30	9,40896,87590	7,93557	9,98523,00837	55865	9,42373,86754	8,49422	10,57626,13246	30	
	40	9,40904,81147	7,93402	9,98522,44972	55876	9,42382,36176	8,49277	10,57617,63824	20	
	50	9,40912,74549	7,93246	9,98521,89096	55887	9,42390,85453	8,49134	10,57609,14547	10	
52	0	9,40920,67795	7,93092	9,98521,33209	55898	9,42399,34587	8,48989	10,57600,65413	0	8
			7,92936	9,98520,77311	55909	9,42407,83576	8,48845	10,57592,16424	50	
	10	9,40928,60887	7,92782	9,98520,21402	55920	9,42416,32421	8,48701	10,57583,67579	40	
	20	9,40936,53823	7,92626	9,98519,65482	55930	9,42424,81122	8,48558	10,57575,18878	30	
	30	9,40944,46605	7,92472	9,98519,09552	55942	9,42433,29680	8,48413	10,57566,70320	20	
	40	9,40952,39231	7,92317	9,98518,53610	55952	9,42441,78093	8,48269	10,57558,21907	10	
	50	9,40960,31703	7,92162	9,98517,97658	55964	9,42450,26362	8,48126	10,57549,73638	0	7
53	0	9,40968,24020	7,92008	9,98517,41694	55974	9,42458,74488	8,47982	10,57541,25512	50	
			7,91853	9,98516,85720	55985	9,42467,22470	8,47838	10,57532,77530	40	
	10	9,40976,16182	7,91698	9,98516,29735	55996	9,42475,70308	8,47695	10,57524,29692	30	
	20	9,40984,08190	7,91544	9,98515,73739	56008	9,42484,18003	8,47551	10,57515,81997	20	
	30	9,40992,00043	7,91390	9,98515,17731	56018	9,42492,65554	8,47407	10,57507,34446	10	
	40	9,40999,91741	7,91235	9,98514,61713	56029	9,42501,12961	8,47264	10,57498,87039	0	6
54	0	9,41015,74675	7,91080	9,98514,05684	56040	9,42509,60225	8,47121	10,57490,39775	50	
			7,90927	9,98513,49644	56050	9,42518,07346	8,46977	10,57481,92654	40	
	10	9,41023,65910	7,90772	9,98512,93594	56062	9,42526,54323	8,46834	10,57473,45677	30	
	20	9,41031,56990	7,90618	9,98512,37532	56073	9,42535,01157	8,46691	10,57464,98843	20	
	30	9,41039,47917	7,90464	9,98511,81459	56084	9,42543,47848	8,46548	10,57456,52152	10	
	40	9,41047,38689	7,90310	9,98511,25375	56094	9,42551,94396	8,46404	10,57448,05604	0	5
	50	9,41055,29307	7,90156	9,98510,69281	56106	9,42560,40800	8,46262	10,57439,59200	50	
55	0	9,41063,19771	7,90002	9,98510,13175	56116	9,42568,87062	8,46118	10,57431,12938	40	
			7,89848	9,98509,57059	56128	9,42577,33180	8,45975	10,57422,66820	30	
	10	9,41071,10081	7,89694	9,98509,00931	56138	9,42585,79155	8,45833	10,57414,20845	20	
	20	9,41079,00237	7,89541	9,98508,44793	56149	9,42594,24988	8,45690	10,57405,75012	10	
	30	9,41086,90239	7,89386	9,98507,88644	56160	9,42602,70678	8,45547	10,57397,29322	0	4
	40	9,41094,80087	7,89233	9,98507,32484	56171	9,42611,16225	8,45404	10,57388,83775	50	
	50	9,41102,69781	7,89080	9,98506,76313	56182	9,42619,61629	8,45261	10,57380,38371	40	
56	0	9,41110,59322	7,88926	9,98506,20131	56193	9,42628,06890	8,45119	10,57371,93110	30	
			7,88772	9,98505,63938	56204	9,42636,52009	8,44977	10,57363,47991	20	
	10	9,41118,48708	7,88619	9,98505,07734	56215	9,42644,96986	8,44833	10,57355,03014	10	
	20	9,41126,37941	7,88466	9,98504,51519	56226	9,42653,41819	8,44692	10,57346,58181	0	3
	30	9,41134,27021	7,88312	9,98503,95293	56237	9,42661,86511	8,44549	10,57338,13489	50	
	40	9,41142,15947	7,88159	9,98503,39056	56247	9,42670,31060	8,44407	10,57329,68940	40	
	50	9,41150,04719	7,88006	9,98502,82809	56259	9,42678,75467	8,44264	10,57321,24533	30	
57	0	9,41157,93338	7,87853	9,98502,26550	56270	9,42687,19731	8,44122	10,57312,80269	20	
			7,87699	9,98501,70280	56280	9,42695,63853	8,43980	10,57304,36147	10	
	10	9,41165,81804	7,87547	9,98501,14000	56291	9,42704,07833	8,43838	10,57295,92167	0	2
	20	9,41173,70116	7,87393	9,98500,57709	56303	9,42712,51671	8,43696	10,57287,48329	50	
	30	9,41181,58275	7,87241	9,98500,01406	56313	9,42720,95367	8,43554	10,57279,04633	40	
	40	9,41189,46281	7,87087	9,98499,45093	56324	9,42729,38921	8,43412	10,57270,61079	30	
	50	9,41197,34134	7,86935	9,98498,88769	56336	9,42737,82333	8,43270	10,57262,17667	20	
58	0	9,41205,21833	7,86782	9,98498,32433	56346	9,42746,25603	8,43128	10,57253,74397	10	
			7,86630	9,98497,76087	56357	9,42754,68731	8,42986	10,57245,31269	0	1
	10	9,41213,09380	7,86476	9,98497,19730	56368	9,42763,11717	8,42845	10,57236,88283	50	
	20	9,41220,96773	7,86324	9,98496,63362	56379	9,42771,54562	8,42703	10,57228,45438	40	
	30	9,41228,84014	7,86172	9,98496,06983	56389	9,42779,97265	8,42561	10,57220,02735	30	
	40	9,41236,71101	7,86019	9,98495,50594	56401	9,42788,39826	8,42420	10,57211,60174	20	
	50	9,41244,58036	7,85867	9,98494,94193	56412	9,42796,82246	8,42279	10,57203,17754	10	
59	0	9,41252,44818	7,85714	9,98494,37781	56423	9,42805,24525	8,42137	10,57194,75475	0	0
60		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

15		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	9,41299,62306		9,98494,37781		9,42805,24525		10,57194,75475	0	60
1	10	9,41307,48020	7,85714	9,98493,81358	56423	9,42813,66662	8,42137	10,57186,33338	50	59
	20	9,41315,33582	7,85562	9,98493,24925	56433	9,42822,08657	8,41995	10,57177,91343	40	
	30	9,41323,18991	7,85409	9,98492,68480	56445	9,42830,50511	8,41854	10,57169,49489	30	
	40	9,41331,04249	7,85258	9,98492,12025	56455	9,42838,92224	8,41713	10,57161,07776	20	
	50	9,41338,89354	7,85105	9,98491,55558	56467	9,42847,33796	8,41572	10,57152,66204	10	
	0	9,41346,74307	7,84953	9,98490,99081	56477	9,42855,75226	8,41430	10,57144,24774	0	
2	10	9,41354,59108	7,84801	9,98490,42592	56489	9,42864,16516	8,41290	10,57135,83484	50	58
	20	9,41362,43757	7,84649	9,98489,86093	56499	9,42872,57664	8,41148	10,57127,42336	40	
	30	9,41370,28255	7,84498	9,98489,29583	56510	9,42880,98672	8,41008	10,57119,01328	30	
	40	9,41378,12600	7,84345	9,98488,73062	56521	9,42889,39538	8,40866	10,57110,60462	20	
	50	9,41385,96793	7,84193	9,98488,16530	56532	9,42897,80263	8,40725	10,57102,19737	10	
	0	9,41393,80835	7,84042	9,98487,59987	56543	9,42906,20848	8,40585	10,57093,79152	0	
3	10	9,41401,64725	7,83890	9,98487,03433	56554	9,42914,61292	8,40444	10,57085,38708	50	57
	20	9,41409,48463	7,83738	9,98486,46868	56565	9,42923,01595	8,40303	10,57076,98405	40	
	30	9,41417,32050	7,83587	9,98485,90292	56576	9,42931,41758	8,40163	10,57068,58242	30	
	40	9,41425,15485	7,83435	9,98485,33705	56587	9,42939,81780	8,40022	10,57060,18220	20	
	50	9,41432,98768	7,83283	9,98484,77107	56598	9,42948,21661	8,39881	10,57051,78339	10	
	0	9,41440,81900	7,83132	9,98484,20499	56608	9,42956,61402	8,39741	10,57043,38598	0	
4	10	9,41448,64881	7,82981	9,98483,63879	56620	9,42965,01002	8,39600	10,57034,98998	50	56
	20	9,41456,47710	7,82829	9,98483,07248	56631	9,42973,40462	8,39460	10,57026,59538	40	
	30	9,41464,30388	7,82678	9,98482,50607	56641	9,42981,79782	8,39320	10,57018,20218	30	
	40	9,41472,12915	7,82527	9,98481,93954	56653	9,42990,18961	8,39179	10,57009,81039	20	
	50	9,41479,95291	7,82376	9,98481,37291	56663	9,42998,58000	8,39039	10,57001,42000	10	
	0	9,41487,77515	7,82224	9,98480,80616	56675	9,43006,96899	8,38899	10,56993,03101	0	
5	10	9,41495,59589	7,82074	9,98480,23931	56685	9,43015,35658	8,38759	10,56984,64342	50	55
	20	9,41503,41511	7,81922	9,98479,67235	56696	9,43023,74277	8,38619	10,56976,25723	40	
	30	9,41511,23283	7,81772	9,98479,10527	56708	9,43032,12755	8,38478	10,56967,87245	30	
	40	9,41519,04903	7,81620	9,98478,53809	56718	9,43040,51094	8,38339	10,56959,48906	20	
	50	9,41526,86373	7,81470	9,98477,97080	56729	9,43048,89293	8,38199	10,56951,10707	10	
	0	9,41534,67692	7,81319	9,98477,40340	56740	9,43057,27352	8,38059	10,56942,72648	0	
6	10	9,41542,48860	7,81168	9,98476,83589	56751	9,43065,65271	8,37919	10,56934,34729	50	54
	20	9,41550,29878	7,81018	9,98476,26827	56762	9,43074,03051	8,37780	10,56925,96949	40	
	30	9,41558,10745	7,80867	9,98475,70054	56773	9,43082,40691	8,37640	10,56917,59309	30	
	40	9,41565,91461	7,80716	9,98475,13270	56784	9,43090,78191	8,37500	10,56909,21809	20	
	50	9,41573,72027	7,80566	9,98474,56475	56795	9,43099,15551	8,37360	10,56900,84449	10	
	0	9,41581,52442	7,80415	9,98473,99670	56805	9,43107,52772	8,37221	10,56892,47228	0	
7	10	9,41589,32707	7,80265	9,98473,42853	56817	9,43115,89854	8,37082	10,56884,10146	50	53
	20	9,41597,12821	7,80114	9,98472,86025	56828	9,43124,26796	8,36942	10,56875,73204	40	
	30	9,41604,92785	7,79964	9,98472,29186	56839	9,43132,63599	8,36803	10,56867,36401	30	
	40	9,41612,72599	7,79814	9,98471,72337	56849	9,43141,00262	8,36663	10,56858,99738	20	
	50	9,41620,52263	7,79664	9,98471,15476	56861	9,43149,36787	8,36525	10,56850,63213	10	
	0	9,41628,31777	7,79514	9,98470,58605	56871	9,43157,73172	8,36385	10,56842,26828	0	
8	10	9,41636,11140	7,79363	9,98470,01722	56883	9,43166,09418	8,36246	10,56833,90582	50	52
	20	9,41643,90354	7,79214	9,98469,44829	56893	9,43174,45525	8,36107	10,56825,54475	40	
	30	9,41651,69417	7,79063	9,98468,87925	56904	9,43182,81492	8,35967	10,56817,18508	30	
	40	9,41659,48330	7,78913	9,98468,31009	56916	9,43191,17321	8,35829	10,56808,82679	20	
	50	9,41667,27094	7,78764	9,98467,74083	56926	9,43199,53011	8,35690	10,56800,46989	10	
	0	9,41675,05708	7,78614	9,98467,17146	56937	9,43207,88562	8,35551	10,56792,11438	0	
9	10	9,41682,84172	7,78464	9,98466,60198	56948	9,43216,23974	8,35412	10,56783,76026	50	51
	20	9,41690,62486	7,78314	9,98466,03239	56959	9,43224,59248	8,35274	10,56775,40752	40	
	30	9,41698,40651	7,78165	9,98465,46268	56971	9,43232,94382	8,35134	10,56767,05618	30	
	40	9,41706,18666	7,78015	9,98464,89287	56981	9,43241,29379	8,34997	10,56758,70621	20	
	50	9,41713,96531	7,77865	9,98464,32295	56992	9,43249,64236	8,34857	10,56750,35764	10	
	0	9,41721,74247	7,77716	9,98463,75292	57003	9,43257,98955	8,34719	10,56742,01045	0	
10	10	9,41729,51814	7,77567	9,98463,18279	57013	9,43266,33535	8,34580	10,56733,66465	50	50
	20	9,41737,29231	7,77417	9,98462,61254	57025	9,43274,67977	8,34442	10,56725,32023	40	
	30	9,41745,06499	7,77268	9,98462,04218	57036	9,43283,02281	8,34304	10,56716,97719	30	
	40	9,41752,83617	7,77118	9,98461,47171	57047	9,43291,36446	8,34165	10,56708,63554	20	
	50	9,41760,60587	7,76970	9,98460,90113	57058	9,43299,70473	8,34027	10,56700,29527	10	
	0	9,41768,37407	7,76821	9,98460,33045	57068	9,43308,04362	8,33889	10,56691,95638	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

15

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,41768,37407		9,98460,33045		9,43308,04362		10,56691,95638	0	50
	10	9,41776,14078	7,76671	9,98459,75965	57080	9,43316,38113	8,33751	10,56683,61887	50	
	20	9,41783,90599	7,76521	9,98459,18874	57091	9,43324,71725	8,33612	10,56675,28275	40	
	30	9,41791,66972	7,76373	9,98458,61773	57101	9,43333,05199	8,33474	10,56666,94801	30	
	40	9,41799,43196	7,76224	9,98458,04660	57113	9,43341,38536	8,33337	10,56658,61464	20	
	50	9,41807,19271	7,76075	9,98457,47537	57123	9,43349,71734	8,33198	10,56650,28266	10	
11	0	9,41814,95197	7,75926	9,98456,90402	57135	9,43358,04795	8,33061	10,56641,95205	0	49
			7,75777		57145		8,32922			
	10	9,41822,70974	7,75629	9,98456,33257	57156	9,43366,37717	8,32785	10,56633,62283	50	
	20	9,41830,46603	7,75480	9,98455,76101	57168	9,43374,70502	8,32647	10,56625,29498	40	
	30	9,41838,22083	7,75331	9,98455,18933	57178	9,43383,03149	8,32510	10,56616,96851	30	
	40	9,41845,97414	7,75182	9,98454,61755	57189	9,43391,35659	8,32372	10,56608,64341	20	
	50	9,41853,72596	7,75034	9,98454,04566	57200	9,43399,68031	8,32234	10,56600,31969	10	
12	0	9,41861,47630	7,74886	9,98453,47366	57212	9,43408,00265	8,32097	10,56591,99735	0	48
					57222		8,31959			
	10	9,41869,22516	7,74737	9,98452,90154	57222	9,43416,32362	8,31822	10,56583,67638	50	
	20	9,41876,97253	7,74589	9,98452,32932	57233	9,43424,64321	8,31684	10,56575,35679	40	
	30	9,41884,71842	7,74440	9,98451,75699	57244	9,43432,96143	8,31547	10,56567,03857	30	
	40	9,41892,46282	7,74292	9,98451,18455	57255	9,43441,27827	8,31410	10,56558,72173	20	
	50	9,41900,20574	7,74144	9,98450,61200	57266	9,43449,59374	8,31273	10,56550,40626	10	
13	0	9,41907,94718	7,73996	9,98450,03934	57277	9,43457,90784	8,31135	10,56542,09216	0	47
					57288		8,30998			
	10	9,41915,68714	7,73847	9,98449,46657	57288	9,43466,22057	8,30862	10,56533,77943	50	
	20	9,41923,42561	7,73700	9,98448,89369	57299	9,43474,53192	8,30724	10,56525,46808	40	
	30	9,41931,16261	7,73551	9,98448,32070	57309	9,43482,84190	8,30587	10,56517,15810	30	
	40	9,41938,89812	7,73404	9,98447,74761	57321	9,43491,15052	8,30451	10,56508,84948	20	
	50	9,41946,63216	7,73255	9,98447,17440	57332	9,43499,45776	8,30313	10,56500,54224	10	
14	0	9,41954,36471	7,73108	9,98446,60108	57343	9,43507,76363	8,30177	10,56492,23637	0	46
					57353		8,30040			
	10	9,41962,09579	7,72960	9,98446,02765	57353	9,43516,06814	8,29904	10,56483,93186	50	
	20	9,41969,82539	7,72812	9,98445,45412	57365	9,43524,37127	8,29767	10,56475,62873	40	
	30	9,41977,55351	7,72665	9,98444,88047	57376	9,43532,67304	8,29630	10,56467,32696	30	
	40	9,41985,28016	7,72516	9,98444,30671	57386	9,43540,97344	8,29493	10,56459,02656	20	
	50	9,41993,00532	7,72370	9,98443,73285	57398	9,43549,27248	8,29358	10,56450,72752	10	
15	0	9,42000,72902	7,72221	9,98443,15887	57408	9,43557,57015	8,29220	10,56442,42985	0	45
					57420		8,29085			
	10	9,42008,45123	7,72075	9,98442,58479	57420	9,43565,86645	8,28948	10,56434,13355	50	
	20	9,42016,17198	7,71926	9,98442,01059	57430	9,43574,16138	8,28812	10,56425,83862	40	
	30	9,42023,89124	7,71780	9,98441,43629	57442	9,43582,45496	8,28676	10,56417,54504	30	
	40	9,42031,60904	7,71632	9,98440,86187	57452	9,43590,74716	8,28539	10,56409,25284	20	
	50	9,42039,32536	7,71485	9,98440,28735	57463	9,43599,03801	8,28403	10,56400,96199	10	
16	0	9,42047,04021	7,71337	9,98439,71272	57475	9,43607,32749	8,28268	10,56392,67251	0	44
					57485		8,28131			
	10	9,42054,75358	7,71190	9,98439,13797	57485	9,43615,61561	8,27995	10,56384,38439	50	
	20	9,42062,46548	7,71044	9,98438,56312	57496	9,43623,90237	8,27860	10,56376,09763	40	
	30	9,42070,17592	7,70896	9,98437,98816	57508	9,43632,18776	8,27724	10,56367,81224	30	
	40	9,42077,88488	7,70749	9,98437,41308	57518	9,43640,47179	8,27588	10,56359,52821	20	
	50	9,42085,59237	7,70602	9,98436,83790	57529	9,43648,75447	8,27452	10,56351,24553	10	
17	0	9,42093,29839	7,70455	9,98436,26261	57540	9,43657,03578	8,27316	10,56342,96422	0	43
					57551		8,27181			
	10	9,42101,00294	7,70309	9,98435,68721	57551	9,43665,31573	8,27045	10,56334,68427	50	
	20	9,42108,70603	7,70161	9,98435,11170	57562	9,43673,59433	8,26910	10,56326,40567	40	
	30	9,42116,40764	7,70015	9,98434,53608	57573	9,43681,87157	8,26774	10,56318,12843	30	
	40	9,42124,10779	7,69868	9,98433,96035	57584	9,43690,14745	8,26639	10,56309,85255	20	
	50	9,42131,80647	7,69722	9,98433,38451	57595	9,43698,42197	8,26503	10,56301,57803	10	
18	0	9,42139,50369	7,69575	9,98432,80856	57606	9,43706,69513	8,26369	10,56293,30487	0	42
					57617		8,26232			
	10	9,42147,19944	7,69428	9,98432,23250	57617	9,43714,96694	8,26098	10,56285,03306	50	
	20	9,42154,89372	7,69282	9,98431,65633	57628	9,43723,23739	8,25963	10,56276,76261	40	
	30	9,42162,58654	7,69135	9,98431,08005	57639	9,43731,50649	8,25827	10,56268,49351	30	
	40	9,42170,27789	7,68989	9,98430,50366	57650	9,43739,77423	8,25692	10,56260,22577	20	
	50	9,42177,96778	7,68843	9,98429,92716	57661	9,43748,04062	8,25558	10,56251,95938	10	
19	0	9,42185,65621	7,68696	9,98429,35055	57672	9,43756,30565	8,25427	10,56243,69435	0	41
					57682		8,25292			
	10	9,42193,34317	7,68550	9,98428,77383	57682	9,43764,56934	8,25158	10,56235,43066	50	
	20	9,42201,02867	7,68404	9,98428,19701	57694	9,43772,83166	8,25027	10,56227,16834	40	
	30	9,42208,71271	7,68258	9,98427,62007	57705	9,43781,09264	8,24892	10,56218,90736	30	
	40	9,42216,39529	7,68111	9,98427,04302	57716	9,43789,35227	8,24758	10,56210,64773	20	
	50	9,42224,07640	7,67966	9,98426,46586	57726	9,43797,61054	8,24627	10,56202,38946	10	
20	0	9,42231,75606	7,67820	9,98425,88860	57738	9,43805,86746	8,24492	10,56194,13254	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

15		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
20	0	9,42231,75606		9,98425,88860		9,43805,86746		10,56194,13254	0	40
	10	9,42239,43426	7,67820	9,98425,31122	57738	9,43814,12304	8,25558	10,56185,87696	50	
	20	9,42247,11099	7,67673	9,98424,73373	57749	9,43822,37726	8,25422	10,56177,62274	40	
	30	9,42254,78627	7,67528	9,98424,15614	57759	9,43830,63013	8,25287	10,56169,36987	30	
	40	9,42262,46009	7,67382	9,98423,57843	57771	9,43838,88166	8,25153	10,56161,11834	20	
	50	9,42270,13245	7,67236	9,98423,00062	57781	9,43847,13184	8,25018	10,56152,86816	10	
21	0	9,42277,80336	7,67091	9,98422,42269	57793	9,43855,38067	8,24883	10,56144,61933	0	39
	10	9,42285,47281	7,66945	9,98421,84466	57803	9,43863,62815	8,24748	10,56136,37185	50	
	20	9,42293,14080	7,66799	9,98421,26651	57815	9,43871,87429	8,24614	10,56128,12571	40	
	30	9,42300,80734	7,66654	9,98420,68826	57825	9,43880,11908	8,24479	10,56119,88092	30	
	40	9,42308,47242	7,66508	9,98420,10989	57837	9,43888,36253	8,24345	10,56111,63747	20	
	50	9,42316,13604	7,66362	9,98419,53142	57847	9,43896,60463	8,24210	10,56103,39537	10	
22	0	9,42323,79822	7,66218	9,98418,95283	57859	9,43904,84538	8,24075	10,56095,15462	0	38
	10	9,42331,45894	7,66072	9,98418,37414	57869	9,43913,08480	8,23942	10,56086,91520	50	
	20	9,42339,11820	7,65926	9,98417,79534	57880	9,43921,32287	8,23807	10,56078,67713	40	
	30	9,42346,77602	7,65782	9,98417,21642	57892	9,43929,55959	8,23672	10,56070,44041	30	
	40	9,42354,43238	7,65636	9,98416,63740	57902	9,43937,79498	8,23539	10,56062,20502	20	
	50	9,42362,08729	7,65491	9,98416,05827	57913	9,43946,02902	8,23404	10,56053,97098	10	
23	0	9,42369,74074	7,65345	9,98415,47902	57925	9,43954,26172	8,23270	10,56045,73828	0	37
	10	9,42377,39275	7,65201	9,98414,89967	57935	9,43962,49308	8,23136	10,56037,50692	50	
	20	9,42385,04331	7,65056	9,98414,32021	57946	9,43970,72310	8,23002	10,56029,27690	40	
	30	9,42392,69242	7,64911	9,98413,74064	57957	9,43978,95178	8,22868	10,56021,04822	30	
	40	9,42400,34008	7,64766	9,98413,16096	57968	9,43987,17912	8,22734	10,56012,82088	20	
	50	9,42407,98629	7,64621	9,98412,58116	57980	9,43995,40512	8,22600	10,56004,59488	10	
24	0	9,42415,63105	7,64476	9,98412,00126	57990	9,44003,62979	8,22467	10,55996,37021	0	36
	10	9,42423,27437	7,64332	9,98411,42125	58001	9,44011,85311	8,22332	10,55988,14689	50	
	20	9,42430,91623	7,64186	9,98410,84113	58012	9,44020,07510	8,22199	10,55979,92490	40	
	30	9,42438,55665	7,64042	9,98410,26090	58023	9,44028,29576	8,22066	10,55971,70424	30	
	40	9,42446,19563	7,63898	9,98409,68056	58034	9,44036,51507	8,21931	10,55963,48493	20	
	50	9,42453,83316	7,63753	9,98409,10011	58045	9,44044,73305	8,21798	10,55955,26695	10	
25	0	9,42461,46925	7,63609	9,98408,51955	58056	9,44052,94970	8,21665	10,55947,05030	0	35
	10	9,42469,10389	7,63464	9,98407,93888	58067	9,44061,16501	8,21531	10,55938,83499	50	
	20	9,42476,73708	7,63319	9,98407,35809	58079	9,44069,37899	8,21398	10,55930,62101	40	
	30	9,42484,36884	7,63176	9,98406,77720	58089	9,44077,59163	8,21264	10,55922,40837	30	
	40	9,42491,99915	7,63031	9,98406,19620	58100	9,44085,80294	8,21131	10,55914,19706	20	
	50	9,42499,62801	7,62886	9,98405,61509	58111	9,44094,01292	8,20998	10,55905,98708	10	
26	0	9,42507,25544	7,62743	9,98405,03387	58122	9,44102,22157	8,20865	10,55897,77843	0	34
	10	9,42514,88143	7,62599	9,98404,45255	58132	9,44110,42888	8,20731	10,55889,57112	50	
	20	9,42522,50597	7,62454	9,98403,87111	58144	9,44118,63486	8,20598	10,55881,36514	40	
	30	9,42530,12907	7,62310	9,98403,28956	58155	9,44126,83952	8,20466	10,55873,16048	30	
	40	9,42537,75074	7,62167	9,98402,70790	58166	9,44135,04284	8,20332	10,55864,95716	20	
	50	9,42545,37096	7,62022	9,98402,12613	58177	9,44143,24483	8,20199	10,55856,75517	10	
27	0	9,42552,98975	7,61879	9,98401,54425	58188	9,44151,44550	8,20067	10,55848,55450	0	33
	10	9,42560,60709	7,61734	9,98400,96226	58199	9,44159,64483	8,19933	10,55840,35517	50	
	20	9,42568,22300	7,61591	9,98400,38016	58210	9,44167,84284	8,19801	10,55832,15716	40	
	30	9,42575,83747	7,61447	9,98399,79795	58221	9,44176,03952	8,19668	10,55823,96048	30	
	40	9,42583,45051	7,61304	9,98399,21563	58232	9,44184,23487	8,19535	10,55815,76513	20	
	50	9,42591,06211	7,61160	9,98398,63321	58242	9,44192,42890	8,19403	10,55807,57110	10	
28	0	9,42598,67227	7,61016	9,98398,05067	58254	9,44200,62160	8,19270	10,55799,37840	0	32
	10	9,42606,28099	7,60872	9,98397,46802	58265	9,44208,81297	8,19137	10,55791,18703	50	
	20	9,42613,88829	7,60730	9,98396,88526	58276	9,44217,00302	8,19005	10,55782,99698	40	
	30	9,42621,49414	7,60585	9,98396,30239	58287	9,44225,19175	8,18873	10,55774,80825	30	
	40	9,42629,09857	7,60443	9,98395,71942	58297	9,44233,37915	8,18740	10,55766,62085	20	
	50	9,42636,70156	7,60299	9,98395,13633	58309	9,44241,56523	8,18608	10,55758,43477	10	
29	0	9,42644,30312	7,60156	9,98394,55313	58320	9,44249,74999	8,18476	10,55750,25001	0	31
	10	9,42651,90324	7,60012	9,98393,96982	58331	9,44257,93342	8,18343	10,55742,06658	50	
	20	9,42659,50194	7,59870	9,98393,38641	58341	9,44266,11553	8,18211	10,55733,88447	40	
	30	9,42667,09920	7,59726	9,98392,80288	58353	9,44274,29632	8,18079	10,55725,70368	30	
	40	9,42674,69503	7,59583	9,98392,21924	58364	9,44282,47579	8,17947	10,55717,52421	20	
	50	9,42682,28943	7,59440	9,98391,63549	58375	9,44290,65394	8,17815	10,55709,34606	10	
30	0	9,42689,88240	7,59297	9,98391,05164	58385	9,44298,83077	8,17683	10,55701,16923	0	30
		Sin. Comple.	7,59154	SINVVM	58397	Tang. compl.	8,17550	TANGEN.	S	M

15		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,42689,88240		9,98391,05164			9,44298,83077		10,55701,16923	0	30
	10	9,42697,47394	7,59154	9,98390,46767	58397		9,44307,00627	8,17550	10,55692,99373	50	
	20	9,42705,06406	7,59012	9,98389,88359	58408		9,44315,18046	8,17419	10,55684,81954	40	
	30	9,42712,65274	7,58868	9,98389,29941	58418		9,44323,35334	8,17288	10,55676,64666	30	
	40	9,42720,24000	7,58726	9,98388,71511	58430		9,44331,52489	8,17155	10,55668,47511	20	
	50	9,42727,82583	7,58583	9,98388,13070	58441		9,44339,69513	8,17024	10,55660,30487	10	
31	0	9,42735,41023	7,58440	9,98387,54619	58451		9,44347,86405	8,16892	10,55652,13595	0	29
	10	9,42742,99321	7,58298	9,98386,96156	58463		9,44356,03165	8,16760	10,55643,96835	50	
	20	9,42750,57476	7,58155	9,98386,37682	58474		9,44364,19794	8,16629	10,55635,80206	40	
	30	9,42758,15488	7,58012	9,98385,79198	58484		9,44372,36291	8,16497	10,55627,63709	30	
	40	9,42765,73358	7,57870	9,98385,20702	58496		9,44380,52656	8,16365	10,55619,47344	20	
	50	9,42773,31086	7,57728	9,98384,62195	58507		9,44388,68891	8,16235	10,55611,31109	10	
32	0	9,42780,88671	7,57585	9,98384,03678	58517		9,44396,84994	8,16103	10,55603,15006	0	28
	10	9,42788,46114	7,57443	9,98383,45149	58529		9,44405,00965	8,15971	10,55594,99035	50	
	20	9,42796,03415	7,57301	9,98382,86609	58540		9,44413,16805	8,15840	10,55586,83195	40	
	30	9,42803,60573	7,57158	9,98382,28059	58550		9,44421,32514	8,15709	10,55578,67486	30	
	40	9,42811,17589	7,57016	9,98381,69497	58562		9,44429,48092	8,15578	10,55570,51908	20	
	50	9,42818,74463	7,56874	9,98381,10924	58573		9,44437,63539	8,15447	10,55562,36461	10	
33	0	9,42826,31195	7,56732	9,98380,52341	58583		9,44445,78854	8,15315	10,55554,21146	0	27
	10	9,42833,87785	7,56590	9,98379,93746	58595		9,44453,94039	8,15185	10,55546,05961	50	
	20	9,42841,44233	7,56448	9,98379,35140	58606		9,44462,09092	8,15053	10,55537,90908	40	
	30	9,42849,00539	7,56306	9,98378,76524	58616		9,44470,24015	8,14923	10,55529,75985	30	
	40	9,42856,56703	7,56164	9,98378,17896	58628		9,44478,38807	8,14792	10,55521,61193	20	
	50	9,42864,12725	7,56022	9,98377,59258	58638		9,44486,53467	8,14660	10,55513,46533	10	
34	0	9,42871,68605	7,55880	9,98377,00608	58650		9,44494,67997	8,14530	10,55505,32003	0	26
	10	9,42879,24344	7,55739	9,98376,41947	58661		9,44502,82397	8,14400	10,55497,17603	50	
	20	9,42886,79941	7,55597	9,98375,83276	58671		9,44510,96665	8,14268	10,55489,03335	40	
	30	9,42894,35396	7,55455	9,98375,24593	58683		9,44519,10803	8,14138	10,55480,89197	30	
	40	9,42901,90710	7,55314	9,98374,65899	58694		9,44527,24811	8,14008	10,55472,75189	20	
	50	9,42909,45882	7,55172	9,98374,07195	58704		9,44535,38688	8,13877	10,55464,61312	10	
35	0	9,42917,00913	7,55031	9,98373,48479	58716		9,44543,52434	8,13746	10,55456,47566	0	25
	10	9,42924,55802	7,54889	9,98372,89753	58726		9,44551,66050	8,13616	10,55448,33950	50	
	20	9,42932,10550	7,54748	9,98372,31015	58738		9,44559,79535	8,13485	10,55440,20465	40	
	30	9,42939,65157	7,54607	9,98371,72266	58749		9,44567,92891	8,13356	10,55432,07109	30	
	40	9,42947,19622	7,54465	9,98371,13507	58759		9,44576,06115	8,13224	10,55423,93885	20	
	50	9,42954,73946	7,54324	9,98370,54736	58771		9,44584,19210	8,13095	10,55415,80790	10	
36	0	9,42962,28129	7,54183	9,98369,95954	58782		9,44592,32174	8,12964	10,55407,67826	0	24
	10	9,42969,82170	7,54041	9,98369,37162	58792		9,44600,45009	8,12835	10,55399,54991	50	
	20	9,42977,36071	7,53901	9,98368,78358	58804		9,44608,57713	8,12704	10,55391,42287	40	
	30	9,42984,89830	7,53759	9,98368,19543	58815		9,44616,70287	8,12574	10,55383,29713	30	
	40	9,42992,43449	7,53619	9,98367,60718	58825		9,44624,82731	8,12444	10,55375,17269	20	
	50	9,42999,96926	7,53477	9,98367,01881	58837		9,44632,95045	8,12314	10,55367,04955	10	
37	0	9,43007,50263	7,53337	9,98366,43033	58848		9,44641,07230	8,12185	10,55358,92770	0	23
	10	9,43015,03459	7,53196	9,98365,84175	58858		9,44649,19284	8,12054	10,55350,80716	50	
	20	9,43022,56514	7,53055	9,98365,25305	58870		9,44657,31209	8,11925	10,55342,68791	40	
	30	9,43030,09428	7,52914	9,98364,66424	58881		9,44665,43003	8,11794	10,55334,56997	30	
	40	9,43037,62201	7,52773	9,98364,07533	58891		9,44673,54669	8,11666	10,55326,45331	20	
	50	9,43045,14834	7,52633	9,98363,48630	58903		9,44681,66204	8,11535	10,55318,33796	10	
38	0	9,43052,67326	7,52492	9,98362,89716	58914		9,44689,77610	8,11406	10,55310,22390	0	22
	10	9,43060,19678	7,52352	9,98362,30792	58924		9,44697,88886	8,11276	10,55302,11114	50	
	20	9,43067,71889	7,52211	9,98361,71856	58936		9,44706,00033	8,11147	10,55293,99967	40	
	30	9,43075,23960	7,52071	9,98361,12909	58947		9,44714,11050	8,11017	10,55285,88950	30	
	40	9,43082,75890	7,51930	9,98360,53951	58958		9,44722,21938	8,10888	10,55277,78062	20	
	50	9,43090,27680	7,51790	9,98359,94983	58968		9,44730,32697	8,10759	10,55269,67303	10	
39	0	9,43097,79329	7,51649	9,98359,36003	58980		9,44738,43326	8,10629	10,55261,56674	0	21
	10	9,43105,30838	7,51509	9,98358,77012	58991		9,44746,53826	8,10500	10,55253,46174	50	
	20	9,43112,82207	7,51369	9,98358,18010	59002		9,44754,64197	8,10371	10,55245,35803	40	
	30	9,43120,33436	7,51229	9,98357,58997	59013		9,44762,74439	8,10242	10,55237,25561	30	
	40	9,43127,84525	7,51089	9,98356,99974	59023		9,44770,84551	8,10112	10,55229,15449	20	
	50	9,43135,35473	7,50948	9,98356,40939	59035		9,44778,94535	8,09984	10,55221,05465	10	
40	0	9,43142,86282	7,50809	9,98355,81893	59046		9,44787,04389	8,09854	10,55212,95611	0	20
		Sin. Comple.	7,50669	SINVVM	59057		Tang. compl.	8,09725	TANGEN.	S	M

15		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,43142,86282		9,98355,81893		9,44787,04389		10,55212,95611	0	20
	10	9,43150,36951	7,50669	9,98355,22836	59057	9,44795,14114	8,09725	10,55204,85886	50	
	20	9,43157,87479	7,50528	9,98354,63768	59068	9,44803,23711	8,09597	10,55196,76289	40	
	30	9,43165,37868	7,50389	9,98354,04690	59078	9,44811,33179	8,09468	10,55188,66821	30	
	40	9,43172,88117	7,50249	9,98353,45600	59090	9,44819,42517	8,09338	10,55180,57483	20	
	50	9,43180,38226	7,50109	9,98352,86499	59101	9,44827,51727	8,09210	10,55172,48273	10	
41	0	9,43187,88196	7,49970	9,98352,27387	59112	9,44835,60809	8,09082	10,55164,39191	0	19
	10	9,43195,38025	7,49829	9,98351,68264	59123	9,44843,69761	8,08952	10,55156,30239	50	
	20	9,43202,87715	7,49690	9,98351,09130	59134	9,44851,78585	8,08824	10,55148,21415	40	
	30	9,43210,37266	7,49551	9,98350,49985	59145	9,44859,87281	8,08696	10,55140,12719	30	
	40	9,43217,86677	7,49411	9,98349,90829	59156	9,44867,95848	8,08567	10,55132,04152	20	
	50	9,43225,35948	7,49271	9,98349,31662	59167	9,44876,04286	8,08438	10,55123,95714	10	
42	0	9,43232,85080	7,49132	9,98348,72484	59178	9,44884,12596	8,08310	10,55115,87404	0	18
	10	9,43240,34073	7,48993	9,98348,13295	59189	9,44892,20777	8,08181	10,55107,79223	50	
	20	9,43247,82926	7,48853	9,98347,54095	59200	9,44900,28831	8,08054	10,55099,71169	40	
	30	9,43255,31640	7,48714	9,98346,94884	59211	9,44908,36756	8,07925	10,55091,63244	30	
	40	9,43262,80215	7,48575	9,98346,35662	59222	9,44916,44552	8,07796	10,55083,55448	20	
	50	9,43270,28650	7,48435	9,98345,76429	59233	9,44924,52221	8,07669	10,55075,47779	10	
43	0	9,43277,76946	7,48296	9,98345,17185	59244	9,44932,59761	8,07540	10,55067,40239	0	17
	10	9,43285,25103	7,48157	9,98344,57930	59255	9,44940,67173	8,07412	10,55059,32827	50	
	20	9,43292,73121	7,48018	9,98344,01168	59266	9,44948,74457	8,07284	10,55051,25543	40	
	30	9,43300,21001	7,47880	9,98343,98664	59277	9,44956,81614	8,07157	10,55043,18386	30	
	40	9,43307,68741	7,47740	9,98342,80099	59288	9,44964,88642	8,07028	10,55035,11358	20	
	50	9,43315,16342	7,47601	9,98342,20800	59299	9,44972,95542	8,06900	10,55027,04458	10	
44	0	9,43322,63804	7,47462	9,98341,61490	59310	9,44981,02314	8,06772	10,55018,97686	0	16
	10	9,43330,11128	7,47324	9,98341,02168	59322	9,44989,08959	8,06645	10,55010,91041	50	
	20	9,43337,58312	7,47184	9,98340,42836	59332	9,44997,15476	8,06517	10,55002,84524	40	
	30	9,43345,05358	7,47046	9,98339,83493	59343	9,45005,21865	8,06389	10,54994,78135	30	
	40	9,43352,52265	7,46907	9,98339,24139	59354	9,45013,28127	8,06262	10,54986,71873	20	
	50	9,43359,99034	7,46769	9,98338,64774	59365	9,45021,34261	8,06134	10,54978,65739	10	
45	0	9,43367,45664	7,46630	9,98338,05397	59377	9,45029,40267	8,06006	10,54970,59733	0	15
	10	9,43374,92156	7,46492	9,98337,46010	59387	9,45037,46146	8,05879	10,54962,53854	50	
	20	9,43382,38509	7,46353	9,98336,86612	59398	9,45045,51897	8,05751	10,54954,48103	40	
	30	9,43389,84723	7,46214	9,98336,27202	59410	9,45053,57521	8,05624	10,54946,42479	30	
	40	9,43397,30799	7,46076	9,98335,67782	59420	9,45061,63017	8,05496	10,54938,36983	20	
	50	9,43404,76737	7,45938	9,98335,08351	59431	9,45069,68386	8,05369	10,54930,31614	10	
46	0	9,43412,22536	7,45799	9,98334,48908	59443	9,45077,73628	8,05242	10,54922,26372	0	14
	10	9,43419,68198	7,45662	9,98333,89455	59453	9,45085,78743	8,05115	10,54914,21257	50	
	20	9,43427,13721	7,45523	9,98333,29990	59465	9,45093,83730	8,04987	10,54906,16270	40	
	30	9,43434,59106	7,45385	9,98332,70515	59475	9,45101,88591	8,04861	10,54898,11409	30	
	40	9,43442,04352	7,45246	9,98332,11028	59487	9,45109,93324	8,04733	10,54890,06676	20	
	50	9,43449,49461	7,45109	9,98331,51531	59497	9,45117,97930	8,04606	10,54882,02070	10	
47	0	9,43456,94432	7,44971	9,98330,92022	59509	9,45126,02409	8,04479	10,54873,97591	0	13
	10	9,43464,39264	7,44832	9,98330,32503	59519	9,45134,06761	8,04352	10,54865,93239	50	
	20	9,43471,83959	7,44695	9,98329,72972	59531	9,45142,10987	8,04226	10,54857,89013	40	
	30	9,43479,28516	7,44557	9,98329,13431	59541	9,45150,15085	8,04098	10,54849,84915	30	
	40	9,43486,72935	7,44419	9,98328,53878	59553	9,45158,19057	8,03972	10,54841,80943	20	
	50	9,43494,17216	7,44281	9,98327,94314	59564	9,45166,22902	8,03845	10,54833,77098	10	
48	0	9,43501,61360	7,44144	9,98327,34740	59574	9,45174,26620	8,03718	10,54825,73380	0	12
	10	9,43509,05366	7,44006	9,98326,75154	59586	9,45182,30211	8,03591	10,54817,69789	50	
	20	9,43516,49234	7,43868	9,98326,15557	59597	9,45190,33676	8,03465	10,54809,66324	40	
	30	9,43523,92964	7,43730	9,98325,55950	59607	9,45198,37015	8,03339	10,54801,62985	30	
	40	9,43531,36557	7,43593	9,98324,96331	59619	9,45206,40227	8,03212	10,54793,59773	20	
	50	9,43538,80013	7,43456	9,98324,36701	59630	9,45214,43312	8,03085	10,54785,56688	10	
49	0	9,43546,23331	7,43318	9,98323,77060	59641	9,45222,46271	8,02959	10,54777,53729	0	11
	10	9,43553,66512	7,43181	9,98323,17408	59652	9,45230,49103	8,02832	10,54769,50897	50	
	20	9,43561,09555	7,43043	9,98322,57745	59663	9,45238,51810	8,02707	10,54761,48190	40	
	30	9,43568,52461	7,42906	9,98321,98072	59673	9,45246,54389	8,02579	10,54753,45611	30	
	40	9,43575,95230	7,42769	9,98321,38387	59685	9,45254,56843	8,02454	10,54745,43157	20	
	50	9,43583,37861	7,42631	9,98320,78691	59696	9,45262,59171	8,02328	10,54737,40829	10	
50	0	9,43590,80356	7,42495	9,98320,18984	59707	9,45270,61372	8,02201	10,54729,38628	0	10
		Sin. Comple.	7,42357	SINVVM	59718	Tang. compl.	8,02075	TANGEN.	S	M

15

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,43590,80356		9,98320,18984		9,45270,61372		10,54729,38628	0	10
	10	9,43598,22713	7,42357	9,98319,59266	59718	9,45278,63447	8,02075	10,54721,36553	50	
	20	9,43605,64933	7,42220	9,98318,99537	59729	9,45286,65396	8,01949	10,54713,34604	40	
	30	9,43613,07016	7,42083	9,98318,39796	59741	9,45294,67220	8,01824	10,54705,32780	30	
	40	9,43620,48962	7,41946	9,98317,80045	59751	9,45302,68917	8,01697	10,54697,31083	20	
	50	9,43627,90771	7,41809	9,98317,20283	59762	9,45310,70488	8,01571	10,54689,29512	10	
51	0	9,43635,32444	7,41673	9,98316,60510	59773	9,45318,71934	8,01446	10,54681,28066	0	9
	10	9,43642,73979	7,41535	9,98316,00726	59784	9,45326,73253	8,01319	10,54673,26747	50	
	20	9,43650,15378	7,41399	9,98315,40931	59795	9,45334,74447	8,01194	10,54665,25553	40	
	30	9,43657,56640	7,41262	9,98314,81124	59807	9,45342,75515	8,01068	10,54657,24485	30	
	40	9,43664,97765	7,41125	9,98314,21307	59817	9,45350,76458	8,00943	10,54649,23542	20	
	50	9,43672,38753	7,40988	9,98313,61479	59828	9,45358,77275	8,00817	10,54641,22725	10	
52	0	9,43679,79605	7,40852	9,98313,01639	59840	9,45366,77966	8,00691	10,54633,22034	0	8
	10	9,43687,20321	7,40716	9,98312,41789	59850	9,45374,78532	8,00566	10,54625,21468	50	
	20	9,43694,60900	7,40579	9,98311,81928	59861	9,45382,78972	8,00440	10,54617,21028	40	
	30	9,43702,01342	7,40442	9,98311,22055	59873	9,45390,79287	8,00315	10,54609,20713	30	
	40	9,43709,41648	7,40306	9,98310,62172	59883	9,45398,79476	8,00189	10,54601,20524	20	
	50	9,43716,81817	7,40169	9,98310,02277	59895	9,45406,79540	8,00064	10,54593,20460	10	
53	0	9,43724,21851	7,40034	9,98309,42372	59905	9,45414,79479	7,99939	10,54585,20521	0	7
	10	9,43731,61748	7,39897	9,98308,82455	59917	9,45422,79293	7,99814	10,54577,20707	50	
	20	9,43739,01508	7,39760	9,98308,22527	59928	9,45430,78981	7,99688	10,54569,21019	40	
	30	9,43746,41133	7,39625	9,98307,62589	59938	9,45438,78544	7,99563	10,54561,21456	30	
	40	9,43753,80621	7,39488	9,98307,02639	59950	9,45446,77982	7,99438	10,54553,22018	20	
	50	9,43761,19973	7,39352	9,98306,42678	59961	9,45454,77295	7,99313	10,54545,22705	10	
54	0	9,43768,59190	7,39217	9,98305,82706	59972	9,45462,76483	7,99188	10,54537,23517	0	6
	10	9,43775,98270	7,39080	9,98305,22724	59982	9,45470,75546	7,99063	10,54529,24454	50	
	20	9,43783,37214	7,38944	9,98304,62730	59994	9,45478,74484	7,98938	10,54521,25516	40	
	30	9,43790,76023	7,38809	9,98304,02725	60005	9,45486,73298	7,98814	10,54513,26702	30	
	40	9,43798,14695	7,38672	9,98303,42709	60016	9,45494,71986	7,98688	10,54505,28014	20	
	50	9,43805,53232	7,38537	9,98302,82682	60027	9,45502,70550	7,98564	10,54497,29450	10	
55	0	9,43812,91632	7,38400	9,98302,22644	60038	9,45510,68988	7,98438	10,54489,31012	0	5
	10	9,43820,29898	7,38266	9,98301,62595	60049	9,45518,67303	7,98315	10,54481,32697	50	
	20	9,43827,68027	7,38129	9,98301,02535	60060	9,45526,65492	7,98189	10,54473,34508	40	
	30	9,43835,06021	7,37994	9,98300,42464	60071	9,45534,63557	7,98065	10,54465,36443	30	
	40	9,43842,43879	7,37858	9,98299,82382	60082	9,45542,61497	7,97940	10,54457,38503	20	
	50	9,43849,81602	7,37723	9,98299,22288	60094	9,45550,59313	7,97816	10,54449,40687	10	
56	0	9,43857,19189	7,37587	9,98298,62184	60104	9,45558,57005	7,97692	10,54441,42995	0	4
	10	9,43864,56641	7,37452	9,98298,02069	60115	9,45566,54572	7,97567	10,54433,45428	50	
	20	9,43871,93957	7,37316	9,98297,41943	60126	9,45574,52014	7,97442	10,54425,47986	40	
	30	9,43879,31138	7,37181	9,98296,81805	60138	9,45582,49333	7,97319	10,54417,50667	30	
	40	9,43886,68184	7,37046	9,98296,21657	60148	9,45590,46527	7,97194	10,54409,53473	20	
	50	9,43894,05094	7,36910	9,98295,61498	60159	9,45598,43597	7,97070	10,54401,56403	10	
57	0	9,43901,41869	7,36775	9,98295,01327	60171	9,45606,40542	7,96945	10,54393,59458	0	3
	10	9,43908,78509	7,36640	9,98294,41146	60181	9,45614,37364	7,96822	10,54385,62636	50	
	20	9,43916,15014	7,36505	9,98293,80953	60193	9,45622,34061	7,96697	10,54377,65939	40	
	30	9,43923,51384	7,36370	9,98293,20749	60204	9,45630,30634	7,96573	10,54369,69366	30	
	40	9,43930,87618	7,36234	9,98292,60535	60214	9,45638,27084	7,96450	10,54361,72916	20	
	50	9,43938,23718	7,36100	9,98292,00309	60226	9,45646,23409	7,96325	10,54353,76591	10	
58	0	9,43945,59683	7,35965	9,98291,40072	60237	9,45654,19611	7,96202	10,54345,80389	0	2
	10	9,43952,95513	7,35830	9,98290,79825	60247	9,45662,15688	7,96077	10,54337,84312	50	
	20	9,43960,31208	7,35695	9,98290,19566	60259	9,45670,11642	7,95954	10,54329,88358	40	
	30	9,43967,66768	7,35560	9,98289,59296	60270	9,45678,07472	7,95830	10,54321,92528	30	
	40	9,43975,02193	7,35425	9,98288,99015	60281	9,45686,03178	7,95706	10,54313,96822	20	
	50	9,43982,37484	7,35291	9,98288,38723	60292	9,45693,98761	7,95583	10,54306,01239	10	
59	0	9,43989,72640	7,35156	9,98287,78420	60303	9,45701,94220	7,95459	10,54298,05780	0	1
	10	9,43997,07662	7,35022	9,98287,18106	60314	9,45709,89556	7,95336	10,54290,10444	50	
	20	9,44004,42548	7,34886	9,98286,57781	60325	9,45717,84767	7,95211	10,54282,15233	40	
	30	9,44011,77301	7,34753	9,98285,97445	60336	9,45725,79856	7,95089	10,54274,20144	30	
	40	9,44019,11919	7,34618	9,98285,37098	60347	9,45733,74821	7,94965	10,54266,25179	20	
	50	9,44026,46402	7,34483	9,98284,76739	60359	9,45741,69662	7,94841	10,54258,30338	10	
60	0	9,44033,80751	7,34349	9,98284,16370	60369	9,45749,64381	7,94719	10,54250,35619	0	0
		Sin. Comple.	7,34214	SINVVM	60380	Tang. compl.	7,94595	TANGEN.	S	M

16		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
0	0	9,44033,80751		9,98284,16370			9,45749,64381		10,54250,35619	o	60
	10	9,44041,14965	7,34214	9,98283,55990	60380		9,45757,58976	7,94595	10,54242,41024	50	
	20	9,44048,49046	7,34081	9,98282,95599	60391		9,45765,53447	7,94471	10,54234,46553	40	
	30	9,44055,82992	7,33946	9,98282,35196	60403		9,45773,47796	7,94349	10,54226,52204	30	
	40	9,44063,16804	7,33812	9,98281,74783	60413		9,45781,42021	7,94225	10,54218,57979	20	
	50	9,44070,50481	7,33677	9,98281,14358	60425		9,45789,36123	7,94102	10,54210,63877	10	
1	0	9,44077,84025	7,33544	9,98280,53923	60435		9,45797,30102	7,93979	10,54202,69898	o	59
	10	9,44085,17434	7,33409	9,98279,93476	60447		9,45805,23958	7,93856	10,54194,76042	50	
	20	9,44092,50709	7,33275	9,98279,33018	60458		9,45813,17691	7,93733	10,54186,82309	40	
	30	9,44099,83851	7,33142	9,98278,72550	60468		9,45821,11301	7,93610	10,54178,88699	30	
	40	9,44107,16858	7,33007	9,98278,12070	60480		9,45829,04788	7,93487	10,54170,95212	20	
	50	9,44114,49732	7,32874	9,98277,51579	60491		9,45836,98153	7,93365	10,54163,01847	10	
2	0	9,44121,82471	7,32739	9,98276,91077	60502		9,45844,91394	7,93241	10,54155,08606	o	58
	10	9,44129,15077	7,32606	9,98276,30564	60513		9,45852,84513	7,93119	10,54147,15487	50	
	20	9,44136,47549	7,32472	9,98275,70040	60524		9,45860,77509	7,92996	10,54139,22491	40	
	30	9,44143,79888	7,32339	9,98275,09505	60535		9,45868,70382	7,92873	10,54131,29618	30	
	40	9,44151,12092	7,32204	9,98274,48959	60546		9,45876,63133	7,92751	10,54123,36867	20	
	50	9,44158,44163	7,32071	9,98273,88402	60557		9,45884,55761	7,92628	10,54115,44239	10	
3	0	9,44165,76101	7,31938	9,98273,27834	60568		9,45892,48267	7,92506	10,54107,51733	o	57
	10	9,44173,07905	7,31804	9,98272,67255	60579		9,45900,40650	7,92383	10,54099,59350	50	
	20	9,44180,39575	7,31670	9,98272,06665	60590		9,45908,32911	7,92261	10,54091,67089	40	
	30	9,44187,71112	7,31537	9,98271,46063	60602		9,45916,25049	7,92138	10,54083,74951	30	
	40	9,44195,02516	7,31404	9,98270,85451	60612		9,45924,17065	7,92016	10,54075,82935	20	
	50	9,44202,33786	7,31270	9,98270,24828	60623		9,45932,08958	7,91893	10,54067,91042	10	
4	0	9,44209,64923	7,31137	9,98269,64193	60635		9,45940,00730	7,91772	10,54059,99270	o	56
	10	9,44216,95926	7,31003	9,98269,03548	60645		9,45947,92379	7,91649	10,54052,07621	50	
	20	9,44224,26797	7,30871	9,98268,42891	60657		9,45955,83906	7,91527	10,54044,16094	40	
	30	9,44231,57534	7,30737	9,98268,82223	60668		9,45963,75311	7,91405	10,54036,24689	30	
	40	9,44238,88138	7,30604	9,98267,21545	60678		9,45971,66594	7,91283	10,54028,33406	20	
	50	9,44246,18609	7,30471	9,98266,60855	60690		9,45979,57754	7,91160	10,54020,42246	10	
5	0	9,44253,48947	7,30338	9,98266,00154	60701		9,45987,48793	7,91039	10,54012,51207	o	55
	10	9,44260,79152	7,30205	9,98265,39442	60712		9,45995,39710	7,90917	10,54004,60290	50	
	20	9,44268,09224	7,30072	9,98264,78719	60723		9,46003,30505	7,90795	10,53996,69495	40	
	30	9,44275,39163	7,29939	9,98264,17985	60734		9,46011,21178	7,90673	10,53988,78822	30	
	40	9,44282,68969	7,29806	9,98263,57240	60745		9,46019,11729	7,90551	10,53980,88271	20	
	50	9,44289,98642	7,29673	9,98262,96484	60756		9,46027,02158	7,90429	10,53972,97842	10	
6	0	9,44297,28183	7,29541	9,98262,35717	60767		9,46034,92466	7,90308	10,53965,07534	o	54
	10	9,44304,57591	7,29408	9,98261,74939	60778		9,46042,82652	7,90186	10,53957,17348	50	
	20	9,44311,86866	7,29275	9,98261,14149	60790		9,46050,72717	7,90065	10,53949,27283	40	
	30	9,44319,16008	7,29142	9,98260,53349	60800		9,46058,62659	7,89942	10,53941,37341	30	
	40	9,44326,45018	7,29010	9,98259,92538	60811		9,46066,52481	7,89822	10,53933,47519	20	
	50	9,44333,73896	7,28878	9,98259,31715	60823		9,46074,42180	7,89699	10,53925,57820	10	
7	0	9,44341,02640	7,28744	9,98258,70882	60833		9,46082,31759	7,89579	10,53917,68241	o	53
	10	9,44348,31253	7,28613	9,98258,10037	60845		9,46090,21216	7,89457	10,53909,78784	50	
	20	9,44355,59733	7,28480	9,98257,49182	60855		9,46098,10551	7,89335	10,53901,89449	40	
	30	9,44362,88080	7,28347	9,98256,88315	60867		9,46105,99765	7,89214	10,53894,00235	30	
	40	9,44370,16296	7,28216	9,98256,27437	60878		9,46113,88858	7,89093	10,53886,11142	20	
	50	9,44377,44378	7,28082	9,98255,66548	60889		9,46121,77830	7,88972	10,53878,22170	10	
8	0	9,44384,72329	7,27951	9,98255,05648	60900		9,46129,66681	7,88851	10,53870,33319	o	52
	10	9,44392,00148	7,27819	9,98254,44737	60911		9,46137,55410	7,88729	10,53862,44590	50	
	20	9,44399,27834	7,27686	9,98253,83815	60922		9,46145,44018	7,88608	10,53854,55982	40	
	30	9,44406,55388	7,27554	9,98253,22882	60933		9,46153,32506	7,88488	10,53846,67494	30	
	40	9,44413,82810	7,27422	9,98252,61938	60944		9,46161,20872	7,88366	10,53838,79128	20	
	50	9,44421,10100	7,27290	9,98252,00983	60955		9,46169,09117	7,88245	10,53830,90883	10	
9	0	9,44428,37258	7,27158	9,98251,40017	60966		9,46176,97242	7,88125	10,53823,02758	o	51
	10	9,44435,64285	7,27027	9,98250,79040	60977		9,46184,85245	7,88003	10,53815,14755	50	
	20	9,44442,91179	7,26894	9,98250,18051	60989		9,46192,73128	7,87883	10,53807,26872	40	
	30	9,44450,17941	7,26762	9,98249,57052	60999		9,46200,60890	7,87762	10,53799,39110	30	
	40	9,44457,44572	7,26631	9,98248,96041	61011		9,46208,48531	7,87641	10,53791,51469	20	
	50	9,44464,71071	7,26499	9,98248,35020	61021		9,46216,36051	7,87520	10,53783,63949	10	
10	0	9,44471,97438	7,26367	9,98247,73987	61033		9,46224,23451	7,87400	10,53775,76549	o	50
		Sin. Comple.	7,26236	SINVVM	61044		Tang. compl.	7,87279	TANGEN.	S	M

16		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	commu- nes.	Logarithmi.		
10	0	9,44471,97438		9,98247,73987		9,46224,23451		10,53775,76549	0	50
	10	9,44479,23674	7,26236	9,98247,12943	61044	9,46232,10730	7,87279	10,53767,89270	50	
	20	9,44486,49777	7,26103	9,98246,51889	61054	9,46239,97889	7,87159	10,53760,02111	40	
	30	9,44493,75750	7,25973	9,98245,90823	61066	9,46247,84927	7,87038	10,53752,15073	30	
	40	9,44501,01590	7,25840	9,98245,29746	61077	9,46255,71845	7,86918	10,53744,28155	20	
	50	9,44508,27300	7,25710	9,98244,68658	61088	9,46263,58642	7,86797	10,53736,41358	10	
11	0	9,44515,52877	7,25577	9,98244,07559	61099	9,46271,45319	7,86677	10,53728,54681	0	49
	10	9,44522,78324	7,25447	9,98243,46449	61110	9,46279,31875	7,86556	10,53720,68125	50	
	20	9,44530,03639	7,25315	9,98242,85327	61122	9,46287,18311	7,86436	10,53712,81689	40	
	30	9,44537,28823	7,25184	9,98242,24195	61132	9,46295,04627	7,86316	10,53704,95373	30	
	40	9,44544,53875	7,25052	9,98241,63052	61143	9,46302,90823	7,86196	10,53697,09177	20	
	50	9,44551,78796	7,24921	9,98241,01898	61154	9,46310,76899	7,86076	10,53689,23101	10	
12	0	9,44559,03586	7,24790	9,98240,40732	61166	9,46318,62854	7,85955	10,53681,37146	0	48
	10	9,44566,28245	7,24659	9,98239,79556	61176	9,46326,48689	7,85835	10,53673,51311	50	
	20	9,44573,52773	7,24528	9,98239,18368	61188	9,46334,34405	7,85716	10,53665,65595	40	
	30	9,44580,77169	7,24396	9,98238,57169	61199	9,46342,20000	7,85595	10,53657,80000	30	
	40	9,44588,01435	7,24266	9,98237,95960	61209	9,46350,05476	7,85476	10,53649,94524	20	
	50	9,44595,25570	7,24135	9,98237,34739	61221	9,46357,90831	7,85355	10,53642,09169	10	
13	0	9,44602,49574	7,24004	9,98236,73507	61232	9,46365,76067	7,85236	10,53634,23933	0	47
	10	9,44609,73446	7,23872	9,98236,12264	61243	9,46373,61183	7,85116	10,53626,38817	50	
	20	9,44616,97189	7,23743	9,98235,51010	61254	9,46381,46179	7,84996	10,53618,53821	40	
	30	9,44624,20800	7,23611	9,98234,89745	61265	9,46389,31055	7,84876	10,53610,68945	30	
	40	9,44631,44280	7,23480	9,98234,28469	61276	9,46397,15812	7,84757	10,53602,84188	20	
	50	9,44638,67630	7,23350	9,98233,67182	61287	9,46405,00449	7,84637	10,53594,99551	10	
14	0	9,44645,90849	7,23219	9,98233,05883	61299	9,46412,84966	7,84517	10,53587,15034	0	46
	10	9,44653,13938	7,23089	9,98232,44574	61309	9,46420,69364	7,84398	10,53579,30636	50	
	20	9,44660,36896	7,22958	9,98231,83253	61321	9,46428,53642	7,84278	10,53571,46358	40	
	30	9,44667,59723	7,22827	9,98231,21922	61331	9,46436,37801	7,84159	10,53563,62199	30	
	40	9,44674,82420	7,22697	9,98230,60579	61343	9,46444,21841	7,84040	10,53555,78159	20	
	50	9,44682,04986	7,22566	9,98229,99226	61353	9,46452,05761	7,83920	10,53547,94239	10	
15	0	9,44689,27423	7,22437	9,98229,37861	61365	9,46459,89562	7,83801	10,53540,10438	0	45
	10	9,44696,49728	7,22305	9,98228,76485	61376	9,46467,73243	7,83681	10,53532,26757	50	
	20	9,44703,71904	7,22176	9,98228,15098	61387	9,46475,56805	7,83562	10,53524,43195	40	
	30	9,44710,93949	7,22045	9,98227,53700	61398	9,46483,40249	7,83444	10,53516,59751	30	
	40	9,44718,15864	7,21915	9,98226,92291	61409	9,46491,23572	7,83323	10,53508,76428	20	
	50	9,44725,37648	7,21784	9,98226,30871	61420	9,46499,06777	7,83205	10,53500,93223	10	
16	0	9,44732,59303	7,21655	9,98225,69440	61431	9,46506,89863	7,83086	10,53493,10137	0	44
	10	9,44739,80827	7,21524	9,98225,07997	61443	9,46514,72830	7,82967	10,53485,27170	50	
	20	9,44747,02222	7,21395	9,98224,46544	61453	9,46522,55677	7,82847	10,53477,44323	40	
	30	9,44754,23486	7,21264	9,98223,85080	61464	9,46530,38406	7,82729	10,53469,61594	30	
	40	9,44761,44620	7,21134	9,98223,23604	61476	9,46538,21016	7,82610	10,53461,78984	20	
	50	9,44768,65625	7,21005	9,98222,62118	61486	9,46546,03507	7,82491	10,53453,96493	10	
17	0	9,44775,86499	7,20874	9,98222,00620	61498	9,46553,85879	7,82372	10,53446,14121	0	43
	10	9,44783,07244	7,20745	9,98221,39111	61509	9,46561,68133	7,82254	10,53438,31867	50	
	20	9,44790,27859	7,20615	9,98220,77591	61520	9,46569,50268	7,82135	10,53430,49732	40	
	30	9,44797,48344	7,20485	9,98220,16060	61531	9,46577,32284	7,82016	10,53422,67716	30	
	40	9,44804,68700	7,20356	9,98219,54518	61542	9,46585,14181	7,81897	10,53414,85819	20	
	50	9,44811,88925	7,20225	9,98218,92965	61553	9,46592,95960	7,81779	10,53407,04040	10	
18	0	9,44819,09022	7,20097	9,98218,31401	61564	9,46600,77620	7,81660	10,53399,22380	0	42
	10	9,44826,28988	7,19966	9,98217,69826	61575	9,46608,59162	7,81542	10,53391,40838	50	
	20	9,44833,48825	7,19837	9,98217,08240	61586	9,46616,40586	7,81424	10,53383,59414	40	
	30	9,44840,68533	7,19708	9,98216,46642	61598	9,46624,21890	7,81304	10,53375,78110	30	
	40	9,44847,88111	7,19578	9,98215,85034	61608	9,46632,03077	7,81187	10,53367,96923	20	
	50	9,44855,07560	7,19449	9,98215,23414	61620	9,46639,84145	7,81068	10,53360,15855	10	
19	0	9,44862,26879	7,19319	9,98214,61784	61630	9,46647,65095	7,80950	10,53352,34905	0	41
	10	9,44869,46069	7,19190	9,98214,00142	61642	9,46655,45927	7,80832	10,53344,54073	50	
	20	9,44876,65130	7,19061	9,98213,38489	61653	9,46663,26640	7,80713	10,53336,73360	40	
	30	9,44883,84061	7,18931	9,98212,76825	61664	9,46671,07236	7,80596	10,53328,92764	30	
	40	9,44891,02863	7,18802	9,98212,15150	61675	9,46678,87713	7,80477	10,53321,12287	20	
	50	9,44898,21536	7,18673	9,98211,53464	61686	9,46686,68072	7,80359	10,53313,31928	10	
20	0	9,44905,40080	7,18544	9,98210,91767	61697	9,46694,48313	7,80241	10,53305,51687	0	40
		Sin. Comple.	7,18415	SINVVM	61708	Tang. compl.	7,80123	TANGEN.	S	M

16		SINVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
20	0	9,44905,40080		9,98210,91767	61708	9,46694,48313		10,53305,51687	0	40
	10	9,44912,58495	7,18415	9,98210,30059	61719	9,46702,28436	7,80123	10,53297,71564	50	
	20	9,44919,76781	7,18286	9,98209,68340	61731	9,46710,08442	7,80006	10,53289,91558	40	
	30	9,44926,94938	7,18157	9,98209,06609	61741	9,46717,88329	7,79887	10,53282,11671	30	
	40	9,44934,12966	7,18028	9,98208,44868	61753	9,46725,68098	7,79769	10,53274,31902	20	
	50	9,44941,30865	7,17899	9,98207,83115	61763	9,46733,47750	7,79652	10,53266,52250	10	
21	0	9,44948,48635	7,17770	9,98207,21352	61775	9,46741,27284	7,79534	10,53258,72716	0	39
	10	9,44955,66277	7,17642	9,98206,59577	61786	9,46749,06700	7,79416	10,53250,93300	50	
	20	9,44962,83789	7,17512	9,98205,97791	61797	9,46756,85998	7,79298	10,53243,14002	40	
	30	9,44970,01173	7,17384	9,98205,35994	61808	9,46764,65179	7,79181	10,53235,34821	30	
	40	9,44977,18428	7,17255	9,98204,74186	61819	9,46772,44242	7,79063	10,53227,55758	20	
	50	9,44984,35555	7,17127	9,98204,12367	61830	9,46780,23188	7,78946	10,53219,76812	10	
22	0	9,44991,52553	7,16998	9,98203,50537	61841	9,46788,02016	7,78828	10,53211,97984	0	38
	10	9,44998,69422	7,16869	9,98202,88696	61853	9,46795,80727	7,78711	10,53204,19273	50	
	20	9,45005,86163	7,16741	9,98202,26843	61863	9,46803,59320	7,78593	10,53196,40680	40	
	30	9,45013,02776	7,16613	9,98201,64980	61875	9,46811,37796	7,78476	10,53188,62204	30	
	40	9,45020,19260	7,16484	9,98201,03105	61885	9,46819,16154	7,78358	10,53180,83846	20	
	50	9,45027,35615	7,16355	9,98200,41220	61897	9,46826,94395	7,78241	10,53173,05605	10	
23	0	9,45034,51842	7,16227	9,98199,79323	61908	9,46834,72519	7,78124	10,53165,27481	0	37
	10	9,45041,67941	7,16099	9,98199,17415	61919	9,46842,50526	7,78007	10,53157,49474	50	
	20	9,45048,83912	7,15971	9,98198,55496	61930	9,46850,28416	7,77890	10,53149,71584	40	
	30	9,45055,99754	7,15842	9,98197,93566	61941	9,46858,06188	7,77772	10,53141,93812	30	
	40	9,45063,15469	7,15715	9,98197,31625	61952	9,46865,83843	7,77655	10,53134,16157	20	
	50	9,45070,31055	7,15586	9,98196,69673	61963	9,46873,61382	7,77539	10,53126,38618	10	
24	0	9,45077,46513	7,15458	9,98196,07710	61975	9,46881,38803	7,77421	10,53118,61197	0	36
	10	9,45084,61843	7,15330	9,98195,45735	61985	9,46889,16107	7,77304	10,53110,83893	50	
	20	9,45091,77045	7,15202	9,98194,83750	61997	9,46896,93295	7,77188	10,53103,06705	40	
	30	9,45098,92119	7,15074	9,98194,21753	62007	9,46904,70365	7,77070	10,53095,29635	30	
	40	9,45106,07065	7,14946	9,98193,59746	62019	9,46912,47319	7,76954	10,53087,52681	20	
	50	9,45113,21883	7,14818	9,98192,97727	62030	9,46920,24156	7,76837	10,53079,75844	10	
25	0	9,45120,36573	7,14690	9,98192,35697	62041	9,46928,00876	7,76720	10,53071,99124	0	35
	10	9,45127,51136	7,14563	9,98191,73656	62052	9,46935,77480	7,76604	10,53064,22520	50	
	20	9,45134,65571	7,14435	9,98191,11604	62063	9,46943,53966	7,76486	10,53056,46034	40	
	30	9,45141,79878	7,14307	9,98190,49541	62074	9,46951,30337	7,76371	10,53048,69663	30	
	40	9,45148,94057	7,14179	9,98189,87467	62085	9,46959,06590	7,76253	10,53040,93410	20	
	50	9,45156,08109	7,14052	9,98189,25382	62096	9,46966,82727	7,76137	10,53033,17273	10	
26	0	9,45163,22033	7,13924	9,98188,63286	62108	9,46974,58748	7,76021	10,53025,41252	0	34
	10	9,45170,35830	7,13797	9,98188,01178	62119	9,46982,34652	7,75904	10,53017,65348	50	
	20	9,45177,49499	7,13669	9,98187,39059	62129	9,46990,10440	7,75788	10,53009,89560	40	
	30	9,45184,63041	7,13542	9,98186,76930	62141	9,46997,86111	7,75671	10,53002,13889	30	
	40	9,45191,76455	7,13414	9,98186,14789	62152	9,47005,61666	7,75555	10,52994,38334	20	
	50	9,45198,89742	7,13287	9,98185,52637	62163	9,47013,37105	7,75439	10,52986,62895	10	
27	0	9,45206,02902	7,13160	9,98184,90474	62174	9,47021,12427	7,75322	10,52978,87573	0	33
	10	9,45213,15934	7,13032	9,98184,28300	62185	9,47028,87634	7,75207	10,52971,12366	50	
	20	9,45220,28839	7,12905	9,98183,66115	62196	9,47036,62724	7,75090	10,52963,37276	40	
	30	9,45227,41617	7,12778	9,98183,03919	62208	9,47044,37698	7,74974	10,52955,62302	30	
	40	9,45234,54267	7,12650	9,98182,41711	62218	9,47052,12556	7,74858	10,52947,87444	20	
	50	9,45241,66791	7,12524	9,98181,79493	62229	9,47059,87298	7,74742	10,52940,12702	10	
28	0	9,45248,79187	7,12396	9,98181,17263	62240	9,47067,61924	7,74626	10,52932,38076	0	32
	10	9,45255,91456	7,12269	9,98180,55023	62252	9,47075,36434	7,74510	10,52924,63566	50	
	20	9,45263,03599	7,12143	9,98179,92771	62263	9,47083,10828	7,74394	10,52916,89172	40	
	30	9,45270,15614	7,12015	9,98179,30508	62274	9,47090,85106	7,74278	10,52909,14894	30	
	40	9,45277,27503	7,11889	9,98178,68234	62285	9,47098,59268	7,74162	10,52901,40732	20	
	50	9,45284,39264	7,11761	9,98178,05949	62296	9,47106,33315	7,74047	10,52893,66685	10	
29	0	9,45291,50899	7,11635	9,98177,43653	62307	9,47114,07246	7,73931	10,52885,92754	0	31
	10	9,45298,62407	7,11508	9,98176,81346	62319	9,47121,81061	7,73815	10,52878,18939	50	
	20	9,45305,73788	7,11381	9,98176,19027	62329	9,47129,54761	7,73700	10,52870,45239	40	
	30	9,45312,85043	7,11255	9,98175,56698	62341	9,47137,28345	7,73584	10,52862,71655	30	
	40	9,45319,96170	7,11127	9,98174,94357	62351	9,47145,01813	7,73468	10,52854,98187	20	
	50	9,45327,07172	7,11002	9,98174,32006	62363	9,47152,75166	7,73353	10,52847,24834	10	
30	0	9,45334,18046	7,10874	9,98173,69643	62374	9,47160,48403	7,73237	10,52839,51597	0	30
		Sin. Comple.		SINVM		Tang. compl.		TANGEN.	S	M

16		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,45334,18046		9,98173,69643			9,47160,48403		10,52839,51597	0	30
	10	9,45341,28794	7,10748	9,98173,07269	62374		9,47168,21525	7,73122	10,52831,78475	50	
	20	9,45348,39416	7,10622	9,98172,44884	62385		9,47175,94532	7,73007	10,52824,05468	40	
	30	9,45355,49911	7,10495	9,98171,82488	62396		9,47183,67423	7,72891	10,52816,32577	30	
	40	9,45362,60280	7,10369	9,98171,20081	62407		9,47191,40199	7,72776	10,52808,59801	20	
	50	9,45369,70522	7,10242	9,98170,57663	62418		9,47199,12859	7,72660	10,52800,87141	10	
31	0	9,45376,80638	7,10116	9,98169,95233	62430		9,47206,85405	7,72546	10,52793,14595	0	29
			7,09989	9,98169,32793	62440		9,47214,57835	7,72430	10,52785,42165	50	
	10	9,45383,90627	7,09864	9,98168,70341	62452		9,47222,30150	7,72315	10,52777,69850	40	
	20	9,45391,00491	7,09737	9,98168,07878	62463		9,47230,02350	7,72200	10,52769,97650	30	
	30	9,45398,10228	7,09611	9,98167,45405	62473		9,47237,74434	7,72084	10,52762,25566	20	
	40	9,45405,19839	7,09485	9,98166,82920	62485		9,47245,46404	7,71970	10,52754,53596	10	
	50	9,45412,29324	7,09359	9,98166,20424	62496		9,47253,18259	7,71855	10,52746,81741	0	28
32	0	9,45419,38683	7,09232	9,98165,57917	62507		9,47260,89999	7,71740	10,52739,10001	50	
	10	9,45426,47915	7,09107	9,98164,95398	62519		9,47268,61624	7,71625	10,52731,38376	40	
	20	9,45433,57022	7,08981	9,98164,32869	62529		9,47276,33134	7,71510	10,52723,66866	30	
	30	9,45440,66003	7,08855	9,98163,70328	62541		9,47284,04529	7,71395	10,52715,95471	20	
	40	9,45447,74858	7,08729	9,98163,07777	62551		9,47291,75810	7,71281	10,52708,24190	10	
	50	9,45454,83587	7,08603	9,98162,45214	62563		9,47299,46975	7,71165	10,52700,53025	0	27
33	0	9,45461,92190	7,08477	9,98161,82640	62574		9,47307,18027	7,71052	10,52692,81973	50	
	10	9,45469,00667	7,08352	9,98161,20056	62584		9,47314,88963	7,70936	10,52685,11037	40	
	20	9,45476,09019	7,08225	9,98160,57460	62596		9,47322,59785	7,70822	10,52677,40215	30	
	30	9,45483,17244	7,08100	9,98159,94852	62608		9,47330,30492	7,70707	10,52669,69508	20	
	40	9,45490,25344	7,07975	9,98159,32234	62618		9,47338,01085	7,70593	10,52661,98915	10	
	50	9,45497,33319	7,07849	9,98158,69605	62629		9,47345,71563	7,70478	10,52654,28437	0	26
34	0	9,45504,41168	7,07723	9,98158,06964	62641		9,47353,41927	7,70364	10,52646,58073	50	
	10	9,45511,48891	7,07598	9,98157,44313	62651		9,47361,12176	7,70249	10,52638,87824	40	
	20	9,45518,56489	7,07472	9,98156,81650	62663		9,47368,82311	7,70135	10,52631,17689	30	
	30	9,45525,63961	7,07347	9,98156,18976	62674		9,47376,52332	7,70021	10,52623,47668	20	
	40	9,45532,71308	7,07222	9,98155,56292	62684		9,47384,22238	7,69906	10,52615,77762	10	
	50	9,45539,78530	7,07096	9,98154,93596	62696		9,47391,92030	7,69792	10,52608,07970	0	25
35	0	9,45546,85626	7,06971	9,98154,30888	62708		9,47399,61708	7,69678	10,52600,38292	50	
	10	9,45553,92597	7,06845	9,98153,68170	62718		9,47407,31272	7,69564	10,52592,68728	40	
	20	9,45560,99442	7,06720	9,98153,05441	62729		9,47415,00722	7,69450	10,52584,99278	30	
	30	9,45568,06162	7,06596	9,98152,42700	62741		9,47422,70057	7,69335	10,52577,29943	20	
	40	9,45575,12758	7,06470	9,98151,79949	62751		9,47430,39279	7,69222	10,52569,60721	10	
	50	9,45582,19228	7,06344	9,98151,17186	62763		9,47438,08386	7,69107	10,52561,91614	0	24
36	0	9,45589,25572	7,06220	9,98150,54412	62774		9,47445,77380	7,68994	10,52554,22620	50	
	10	9,45596,31792	7,06095	9,98149,91627	62785		9,47453,46260	7,68880	10,52546,53740	40	
	20	9,45603,37887	7,05970	9,98149,28831	62796		9,47461,15025	7,68765	10,52538,84975	30	
	30	9,45610,43857	7,05845	9,98148,66024	62807		9,47468,83677	7,68652	10,52531,16323	20	
	40	9,45617,49702	7,05719	9,98148,03206	62818		9,47476,52216	7,68539	10,52523,47784	10	
	50	9,45624,55421	7,05596	9,98147,40377	62829		9,47484,20640	7,68424	10,52515,79360	0	23
37	0	9,45631,61017	7,05470	9,98146,77536	62841		9,47491,88951	7,68311	10,52508,11049	50	
	10	9,45638,66487	7,05345	9,98146,14684	62852		9,47499,57148	7,68197	10,52500,42852	40	
	20	9,45645,71832	7,05221	9,98145,51822	62862		9,47507,25231	7,68083	10,52492,74769	30	
	30	9,45652,77053	7,05096	9,98144,88948	62874		9,47514,93201	7,67970	10,52485,06799	20	
	40	9,45659,82149	7,04971	9,98144,26063	62885		9,47522,61058	7,67857	10,52477,38942	10	
	50	9,45666,87120	7,04847	9,98143,63167	62896		9,47530,28800	7,67742	10,52469,71200	0	22
38	0	9,45673,91967	7,04722	9,98143,00260	62907		9,47537,96430	7,67630	10,52462,03570	50	
	10	9,45680,96689	7,04598	9,98142,37341	62919		9,47545,63946	7,67516	10,52454,36054	40	
	20	9,45688,01287	7,04473	9,98141,74412	62929		9,47553,31348	7,67402	10,52446,68652	30	
	30	9,45695,05760	7,04349	9,98141,11471	62941		9,47560,98637	7,67289	10,52439,01363	20	
	40	9,45702,10109	7,04224	9,98140,48519	62952		9,47568,65813	7,67176	10,52431,34187	10	
	50	9,45709,14333	7,04100	9,98139,85557	62962		9,47576,32876	7,67063	10,52423,67124	0	21
39	0	9,45716,18433	7,03975	9,98139,22583	62974		9,47583,99825	7,66949	10,52416,00175	50	
	10	9,45723,22408	7,03851	9,98138,59598	62985		9,47591,66662	7,66837	10,52408,33338	40	
	20	9,45730,26259	7,03727	9,98137,96601	62997		9,47599,33385	7,66723	10,52400,66615	30	
	30	9,45737,29986	7,03603	9,98137,33594	63007		9,47606,99995	7,66610	10,52393,00005	20	
	40	9,45744,33589	7,03478	9,98136,70576	63018		9,47614,66492	7,66497	10,52385,33508	10	
	50	9,45751,37067	7,03355	9,98136,07546	63030		9,47622,32876	7,66384	10,52377,67124	0	20
40	0	9,45758,40422	7,03230	SINVVM	63040		Tang. compl.	7,66271	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,45758,40422		9,98136,07546		9,47622,32876		10,52377,67124	0	20
	10	9,45765,43652	7,03230	9,98135,44506	63040	9,47629,99147	7,66271	10,52370,00853	50	
	20	9,45772,46758	7,03106	9,98134,81454	63052	9,47637,65305	7,66158	10,52362,34695	40	
	30	9,45779,49741	7,02983	9,98134,18391	63063	9,47645,31350	7,66045	10,52354,68650	30	
	40	9,45786,52599	7,02858	9,98133,55317	63074	9,47652,97282	7,65932	10,52347,02718	20	
41	50	9,45793,55333	7,02734	9,98132,92232	63085	9,47660,63102	7,65820	10,52339,36898	10	19
	0	9,45800,57944	7,02611	9,98132,29135	63097	9,47668,28808	7,65706	10,52331,71192	0	
	10	9,45807,60430	7,02486	9,98131,66028	63107	9,47675,94402	7,65594	10,52324,05598	50	
	20	9,45814,62793	7,02363	9,98131,02909	63119	9,47683,59883	7,65481	10,52316,40117	40	
	30	9,45821,65032	7,02239	9,98130,39780	63129	9,47691,25252	7,65369	10,52308,74748	30	18
	40	9,45828,67147	7,02115	9,98129,76639	63141	9,47698,90508	7,65256	10,52301,09492	20	
	50	9,45835,69139	7,01992	9,98129,13487	63152	9,47706,55652	7,65144	10,52293,44348	10	
	0	9,45842,71006	7,01867	9,98128,50324	63163	9,47714,20682	7,65030	10,52285,79318	0	
	10	9,45849,72751	7,01745	9,98127,87150	63174	9,47721,85601	7,64919	10,52278,14399	50	17
	20	9,45856,74371	7,01620	9,98127,23965	63185	9,47729,50407	7,64806	10,52270,49593	40	
	30	9,45863,75869	7,01498	9,98126,60768	63197	9,47737,15100	7,64693	10,52262,84900	30	
	40	9,45870,77242	7,01373	9,98125,97561	63207	9,47744,79682	7,64582	10,52255,20318	20	
43	50	9,45877,78492	7,01250	9,98125,34342	63219	9,47752,44150	7,64468	10,52247,55850	10	16
	0	9,45884,79619	7,01127	9,98124,71112	63230	9,47760,08507	7,64357	10,52239,91493	0	
	10	9,45891,80623	7,01004	9,98124,07871	63241	9,47767,72751	7,64244	10,52232,27249	50	
	20	9,45898,81503	7,00880	9,98123,44619	63252	9,47775,36883	7,64132	10,52224,63117	40	
	30	9,45905,82259	7,00756	9,98122,81356	63263	9,47783,00903	7,64020	10,52216,99097	30	15
	40	9,45912,82893	7,00634	9,98122,18082	63274	9,47790,64811	7,63908	10,52209,35189	20	
	50	9,45919,83403	7,00510	9,98121,54796	63286	9,47798,28607	7,63796	10,52201,71393	10	
	0	9,45926,83790	7,00387	9,98120,91500	63296	9,47805,92290	7,63683	10,52194,07710	0	
	10	9,45933,84054	7,00264	9,98120,28192	63308	9,47813,55862	7,63572	10,52186,44138	50	14
	20	9,45940,84195	7,00141	9,98119,64873	63319	9,47821,19322	7,63460	10,52178,80678	40	
	30	9,45947,84213	7,00018	9,98119,01543	63330	9,47828,82670	7,63348	10,52171,17330	30	
	40	9,45954,84108	6,99895	9,98118,38202	63341	9,47836,45905	7,63235	10,52163,54095	20	
	50	9,45961,83879	6,99771	9,98117,74850	63352	9,47844,09030	7,63125	10,52155,90970	10	13
	0	9,45968,83528	6,99649	9,98117,11486	63364	9,47851,72042	7,63012	10,52148,27958	0	
	10	9,45975,83054	6,99526	9,98116,48112	63374	9,47859,34942	7,62900	10,52140,65058	50	
	20	9,45982,82457	6,99403	9,98115,84726	63386	9,47866,97731	7,62789	10,52133,02269	40	
	30	9,45989,81737	6,99280	9,98115,21330	63396	9,47874,60408	7,62677	10,52125,39592	30	12
	40	9,45996,80895	6,99158	9,98114,57922	63408	9,47882,22973	7,62565	10,52117,77027	20	
	50	9,46003,79930	6,99035	9,98113,94503	63419	9,47889,85427	7,62454	10,52110,14573	10	
	0	9,46010,78842	6,98912	9,98113,31072	63431	9,47897,47769	7,62342	10,52102,52231	0	
	10	9,46017,77631	6,98789	9,98112,67631	63441	9,47905,10000	7,62231	10,52094,90000	50	11
	20	9,46024,76298	6,98667	9,98112,04179	63452	9,47912,72119	7,62119	10,52087,27881	40	
	30	9,46031,74842	6,98544	9,98111,40715	63464	9,47920,34127	7,62008	10,52079,65873	30	
	40	9,46038,73264	6,98422	9,98110,77240	63475	9,47927,96023	7,61896	10,52072,03977	20	
	50	9,46045,71563	6,98299	9,98110,13755	63485	9,47935,57808	7,61785	10,52064,42192	10	10
	0	9,46052,69739	6,98176	9,98109,50258	63497	9,47943,19482	7,61674	10,52056,80518	0	
	10	9,46059,67794	6,98055	9,98108,86750	63508	9,47950,81044	7,61562	10,52049,18956	50	
	20	9,46066,65725	6,97931	9,98108,23230	63520	9,47958,42495	7,61451	10,52041,57505	40	
	30	9,46073,63535	6,97810	9,98107,59700	63530	9,47966,03835	7,61340	10,52033,96165	30	9
	40	9,46080,61222	6,97687	9,98106,96158	63542	9,47973,65064	7,61229	10,52026,34936	20	
	50	9,46087,58787	6,97565	9,98106,32606	63552	9,47981,26181	7,61117	10,52018,73819	10	
	0	9,46094,56230	6,97443	9,98105,69042	63564	9,47988,87188	7,61007	10,52011,12812	0	
	10	9,46101,53550	6,97320	9,98105,05467	63575	9,47996,48083	7,60895	10,52003,51917	50	8
	20	9,46108,50748	6,97198	9,98104,41881	63586	9,48004,08867	7,60784	10,51995,91133	40	
	30	9,46115,47825	6,97077	9,98103,78284	63597	9,48011,69541	7,60674	10,51988,30459	30	
	40	9,46122,44779	6,96954	9,98103,14675	63609	9,48019,30103	7,60562	10,51980,69897	20	
	50	9,46129,41611	6,96832	9,98102,51056	63619	9,48026,90555	7,60452	10,51973,09445	10	7
	0	9,46136,38321	6,96710	9,98101,87425	63631	9,48034,50896	7,60341	10,51965,49104	0	
	10	9,46143,34909	6,96588	9,98101,23783	63642	9,48042,11126	7,60230	10,51957,88874	50	
	20	9,46150,31375	6,96466	9,98100,60131	63652	9,48049,71245	7,60119	10,51950,28755	40	
	30	9,46157,27720	6,96345	9,98099,96466	63665	9,48057,31253	7,60008	10,51942,68747	30	6
	40	9,46164,23942	6,96222	9,98099,32791	63675	9,48064,91151	7,59898	10,51935,08849	20	
	50	9,46171,20043	6,96101	9,98098,69105	63686	9,48072,50938	7,59787	10,51927,49062	10	
	0	9,46178,16022	6,95979	9,98098,05407	63698	9,48080,10614	7,59676	10,51919,89386	0	
50		Sin. Comple.	6,95857	SINVVM	63708	Tang. compl.	7,59566	TANGEN.	S	M

16		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
50	0	9,46178,16022		9,98098,05407	63708	9,48080,10614	7,59566	10,51919,89386	0	10
	10	9,46185,11879	6,95857	9,98097,41699	63720	9,48087,70180	7,59455	10,51912,29820	50	
	20	9,46192,07615	6,95736	9,98096,77979	63731	9,48095,29635	7,59345	10,51904,70365	40	
	30	9,46199,03228	6,95613	9,98096,14248	63742	9,48102,88980	7,59235	10,51897,11020	30	
	40	9,46205,98721	6,95493	9,98095,50506	63753	9,48110,48215	7,59124	10,51889,51785	20	
	50	9,46212,94091	6,95370	9,98094,86753	63764	9,48118,07339	7,59013	10,51881,92661	10	
51	0	9,46219,89341	6,95250	9,98094,22989	63776	9,48125,66352	7,58903	10,51874,33648	0	9
	10	9,46226,84468	6,95127	9,98093,59213	63787	9,48133,25255	7,58793	10,51866,74745	50	
	20	9,46233,79475	6,95007	9,98092,95426	63797	9,48140,84048	7,58683	10,51859,15952	40	
	30	9,46240,74359	6,94884	9,98092,31629	63809	9,48148,42731	7,58572	10,51851,57269	30	
	40	9,46247,69123	6,94764	9,98091,67820	63820	9,48156,01303	7,58462	10,51843,98697	20	
	50	9,46254,63765	6,94642	9,98091,04000	63832	9,48163,59765	7,58352	10,51836,40235	10	
52	0	9,46261,58286	6,94521	9,98090,40168	63842	9,48171,18117	7,58242	10,51828,81883	0	8
	10	9,46268,52685	6,94399	9,98089,76326	63853	9,48178,76359	7,58132	10,51821,23641	50	
	20	9,46275,46964	6,94279	9,98089,12473	63865	9,48186,34491	7,58022	10,51813,65509	40	
	30	9,46282,41121	6,94157	9,98088,48608	63876	9,48193,92513	7,57912	10,51806,07487	30	
	40	9,46289,35157	6,94036	9,98087,84732	63887	9,48201,50425	7,57802	10,51798,49575	20	
	50	9,46296,29072	6,93915	9,98087,20845	63898	9,48209,08227	7,57692	10,51790,91773	10	
53	0	9,46303,22866	6,93794	9,98086,56947	63909	9,48216,65919	7,57582	10,51783,34081	0	7
	10	9,46310,16539	6,93673	9,98085,93038	63920	9,48224,23501	7,57472	10,51775,76499	50	
	20	9,46317,10091	6,93552	9,98085,29118	63932	9,48231,80973	7,57363	10,51768,19027	40	
	30	9,46324,03522	6,93431	9,98084,65186	63943	9,48239,38336	7,57252	10,51760,61664	30	
	40	9,46330,96832	6,93310	9,98084,01243	63954	9,48246,95588	7,57143	10,51753,04412	20	
	50	9,46337,90021	6,93189	9,98083,37289	63965	9,48254,52731	7,57034	10,51745,47269	10	
54	0	9,46344,83089	6,93068	9,98082,73324	63976	9,48262,09765	7,56923	10,51737,90235	0	6
	10	9,46351,76037	6,92948	9,98082,09348	63987	9,48269,66688	7,56814	10,51730,33312	50	
	20	9,46358,68863	6,92826	9,98081,45361	63998	9,48277,23502	7,56705	10,51722,76498	40	
	30	9,46365,61569	6,92706	9,98080,81363	64010	9,48284,80207	7,56595	10,51715,19793	30	
	40	9,46372,54155	6,92586	9,98080,17353	64021	9,48292,36802	7,56485	10,51707,63198	20	
	50	9,46379,46620	6,92465	9,98079,53332	64032	9,48299,93287	7,56376	10,51700,06713	10	
55	0	9,46386,38964	6,92344	9,98078,89300	64043	9,48307,49663	7,56267	10,51692,50337	0	5
	10	9,46393,31187	6,92223	9,98078,25257	64054	9,48315,05930	7,56157	10,51684,94070	50	
	20	9,46400,23290	6,92103	9,98077,61203	64065	9,48322,62087	7,56048	10,51677,37913	40	
	30	9,46407,15273	6,91983	9,98076,97138	64077	9,48330,18135	7,55939	10,51669,81865	30	
	40	9,46414,07135	6,91862	9,98076,33061	64087	9,48337,74074	7,55829	10,51662,25926	20	
	50	9,46420,98877	6,91742	9,98075,68974	64099	9,48345,29903	7,55720	10,51654,70097	10	
56	0	9,46427,90498	6,91621	9,98075,04875	64110	9,48352,85623	7,55611	10,51647,14377	0	4
	10	9,46434,81999	6,91501	9,98074,40765	64121	9,48360,41234	7,55502	10,51639,58766	50	
	20	9,46441,73380	6,91381	9,98073,76644	64133	9,48367,96736	7,55393	10,51632,03264	40	
	30	9,46448,64641	6,91261	9,98073,12511	64143	9,48375,52129	7,55284	10,51624,47871	30	
	40	9,46455,55781	6,91140	9,98072,48368	64155	9,48383,07413	7,55174	10,51616,92587	20	
	50	9,46462,46801	6,91020	9,98071,84213	64165	9,48390,62587	7,55066	10,51609,37413	10	
57	0	9,46469,37701	6,90900	9,98071,20048	64177	9,48398,17653	7,54957	10,51601,82347	0	3
	10	9,46476,28481	6,90780	9,98070,55871	64188	9,48405,72610	7,54848	10,51594,27390	50	
	20	9,46483,19141	6,90660	9,98069,91683	64199	9,48413,27458	7,54739	10,51586,72542	40	
	30	9,46490,09680	6,90539	9,98069,27484	64211	9,48420,82197	7,54630	10,51579,17803	30	
	40	9,46497,00100	6,90420	9,98068,63273	64221	9,48428,36827	7,54521	10,51571,63173	20	
	50	9,46503,90400	6,90300	9,98067,99052	64233	9,48435,91348	7,54413	10,51564,08652	10	
58	0	9,46510,80580	6,90180	9,98067,34819	64244	9,48443,45761	7,54304	10,51556,54239	0	2
	10	9,46517,70640	6,90060	9,98066,70575	64255	9,48451,00065	7,54195	10,51548,99935	50	
	20	9,46524,60580	6,89940	9,98066,06320	64266	9,48458,54260	7,54086	10,51541,45740	40	
	30	9,46531,50401	6,89821	9,98065,42054	64277	9,48466,08346	7,53978	10,51533,91654	30	
	40	9,46538,40101	6,89700	9,98064,77777	64289	9,48473,62324	7,53870	10,51526,37676	20	
	50	9,46545,29682	6,89581	9,98064,13488	64299	9,48481,16194	7,53761	10,51518,83806	10	
59	0	9,46552,19143	6,89461	9,98063,49189	64311	9,48488,69955	7,53652	10,51511,30045	0	1
	10	9,46559,08485	6,89342	9,98062,84878	64322	9,48496,23607	7,53544	10,51503,76393	50	
	20	9,46565,97707	6,89222	9,98062,20556	64333	9,48503,77151	7,53436	10,51496,22849	40	
	30	9,46572,86809	6,89102	9,98061,56223	64345	9,48511,30587	7,53327	10,51488,69413	30	
	40	9,46579,75792	6,88983	9,98060,91878	64355	9,48518,83914	7,53219	10,51481,16086	20	
	50	9,46586,64656	6,88864	9,98060,27523	64367	9,48526,37133	7,53110	10,51473,62867	10	
60	0	9,46593,53400	6,88744	9,98059,63156	64377	9,48533,90243	7,53003	10,51466,09757	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

17		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	o	9,46593,53400		9,98059,63156		9,48533,90243		10,51466,09757	o	60
	10	9,46600,42024	6,88624	9,98058,98779	64377	9,48541,43246	7,53003	10,51458,56754	50	
	20	9,46607,30530	6,88506	9,98058,34390	64389	9,48548,96140	7,52894	10,51451,03860	40	
	30	9,46614,18915	6,88385	9,98057,69990	64400	9,48556,48926	7,52786	10,51443,51074	30	
	40	9,46621,07182	6,88267	9,98057,05578	64412	9,48564,01603	7,52677	10,51435,98397	20	
	50	9,46627,95329	6,88147	9,98056,41156	64422	9,48571,54173	7,52570	10,51428,45827	10	
1	o	9,46634,83357	6,88028	9,98055,76722	64434	9,48579,06635	7,52462	10,51420,93365	o	59
	10	9,46641,71266	6,87909	9,98055,12278	64444	9,48586,58988	7,52353	10,51413,41012	50	
	20	9,46648,59056	6,87790	9,98054,47822	64456	9,48594,11234	7,52246	10,51405,88766	40	
	30	9,46655,46726	6,87670	9,98053,83355	64467	9,48601,63372	7,52138	10,51398,36628	30	
	40	9,46662,34278	6,87552	9,98053,18877	64478	9,48609,15401	7,52029	10,51390,84599	20	
	50	9,46669,21710	6,87432	9,98052,54387	64490	9,48616,67323	7,51922	10,51383,32677	10	
2	o	9,46676,09024	6,87314	9,98051,89887	64500	9,48624,19137	7,51814	10,51375,80863	o	58
	10	9,46682,96218	6,87194	9,98051,25375	64512	9,48631,70843	7,51706	10,51368,29157	50	
	20	9,46689,83294	6,87076	9,98050,60852	64523	9,48639,22442	7,51599	10,51360,77558	40	
	30	9,46696,70251	6,86957	9,98049,96318	64534	9,48646,73933	7,51491	10,51353,26067	30	
	40	9,46703,57088	6,86837	9,98049,31773	64545	9,48654,25316	7,51383	10,51345,74684	20	
	50	9,46710,43807	6,86719	9,98048,67216	64557	9,48661,76591	7,51275	10,51338,23409	10	
3	o	9,46717,30408	6,86601	9,98048,02649	64567	9,48669,27759	7,51168	10,51330,72241	o	57
	10	9,46724,16889	6,86481	9,98047,38070	64579	9,48676,78819	7,51060	10,51323,21181	50	
	20	9,46731,03252	6,86363	9,98046,73480	64590	9,48684,29772	7,50953	10,51315,70228	40	
	30	9,46737,89496	6,86244	9,98046,08879	64601	9,48691,80617	7,50845	10,51308,19383	30	
	40	9,46744,75622	6,86126	9,98045,44267	64612	9,48699,31355	7,50738	10,51300,68645	20	
	50	9,46751,61629	6,86007	9,98044,79643	64624	9,48706,81985	7,50630	10,51293,18015	10	
4	o	9,46758,47517	6,85888	9,98044,15009	64634	9,48714,32508	7,50523	10,51285,67492	o	56
	10	9,46765,33287	6,85770	9,98043,50363	64646	9,48721,82924	7,50416	10,51278,17076	50	
	20	9,46772,18938	6,85651	9,98042,85706	64657	9,48729,33232	7,50308	10,51270,66768	40	
	30	9,46779,04471	6,85533	9,98042,21038	64668	9,48736,83433	7,50201	10,51263,16567	30	
	40	9,46785,89886	6,85415	9,98041,56359	64679	9,48744,33527	7,50094	10,51255,66473	20	
	50	9,46792,75182	6,85296	9,98040,91668	64691	9,48751,83514	7,49987	10,51248,16486	10	
5	o	9,46799,60360	6,85178	9,98040,26967	64701	9,48759,33393	7,49879	10,51240,66607	o	55
	10	9,46806,45419	6,85059	9,98039,62254	64713	9,48766,83166	7,49773	10,51233,16834	50	
	20	9,46813,30361	6,84942	9,98038,97530	64724	9,48774,32831	7,49665	10,51225,67169	40	
	30	9,46820,15184	6,84823	9,98038,32795	64735	9,48781,82389	7,49558	10,51218,17611	30	
	40	9,46826,99889	6,84705	9,98037,68049	64746	9,48789,31840	7,49451	10,51210,68160	20	
	50	9,46833,84476	6,84587	9,98037,03291	64758	9,48796,81185	7,49345	10,51203,18815	10	
6	o	9,46840,68944	6,84468	9,98036,38523	64768	9,48804,30422	7,49237	10,51195,69578	o	54
	10	9,46847,53295	6,84351	9,98035,73743	64780	9,48811,79552	7,49130	10,51188,20448	50	
	20	9,46854,37528	6,84233	9,98035,08952	64791	9,48819,28576	7,49024	10,51180,71424	40	
	30	9,46861,21642	6,84114	9,98034,44150	64802	9,48826,77493	7,48917	10,51173,22507	30	
	40	9,46868,05639	6,83997	9,98033,79336	64814	9,48834,26303	7,48810	10,51165,73697	20	
	50	9,46874,89518	6,83879	9,98033,14512	64824	9,48841,75006	7,48703	10,51158,24994	10	
7	o	9,46881,73279	6,83761	9,98032,49676	64836	9,48849,23603	7,48597	10,51150,76397	o	53
	10	9,46888,56922	6,83643	9,98031,84829	64847	9,48856,72092	7,48489	10,51143,27908	50	
	20	9,46895,40447	6,83525	9,98031,19971	64858	9,48864,20476	7,48384	10,51135,79524	40	
	30	9,46902,23854	6,83407	9,98030,55102	64869	9,48871,68752	7,48276	10,51128,31248	30	
	40	9,46909,07144	6,83290	9,98029,90222	64880	9,48879,16923	7,48171	10,51120,83077	20	
	50	9,46915,90316	6,83172	9,98029,25330	64892	9,48886,64986	7,48063	10,51113,35014	10	
8	o	9,46922,73370	6,83054	9,98028,60427	64903	9,48894,12943	7,47957	10,51105,87057	o	52
	10	9,46929,56307	6,82937	9,98027,95513	64914	9,48901,60794	7,47851	10,51098,39206	50	
	20	9,46936,39126	6,82819	9,98027,30588	64925	9,48909,08538	7,47744	10,51090,91462	40	
	30	9,46943,21828	6,82702	9,98026,65652	64936	9,48916,56176	7,47638	10,51083,43824	30	
	40	9,46950,04412	6,82584	9,98026,00704	64948	9,48924,03708	7,47532	10,51075,96292	20	
	50	9,46956,86879	6,82467	9,98025,35746	64958	9,48931,51133	7,47425	10,51068,48867	10	
9	o	9,46963,69228	6,82349	9,98024,70776	64970	9,48938,98452	7,47319	10,51061,01548	o	51
	10	9,46970,51460	6,82232	9,98024,05795	64981	9,48946,45665	7,47213	10,51053,54335	50	
	20	9,46977,33574	6,82114	9,98023,40803	64992	9,48953,92772	7,47107	10,51046,07228	40	
	30	9,46984,15571	6,81997	9,98022,75799	65004	9,48961,39772	7,47000	10,51038,60228	30	
	40	9,46990,97451	6,81880	9,98022,10785	65014	9,48968,86666	7,46894	10,51031,13334	20	
	50	9,46997,79214	6,81763	9,98021,45759	65026	9,48976,33455	7,46789	10,51023,66545	10	
10	o	9,47004,60859	6,81645	9,98020,80722	65037	9,48983,80137	7,46682	10,51016,19863	o	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

17		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
10	0	9,47004,60859		9,98020,80722			9,48983,80137		10,51016,19863	0	50
	10	9,47011,42388	6,81529	9,98020,15674	65048		9,48991,26713	7,46576	10,51008,73287	50	
	20	9,47018,23799	6,81411	9,98019,50615	65059		9,48998,73184	7,46471	10,51001,26816	40	
	30	9,47025,05093	6,81294	9,98018,85544	65071		9,49006,19548	7,46364	10,50993,80452	30	
	40	9,47031,86269	6,81176	9,98018,20463	65081		9,49013,65807	7,46259	10,50986,34193	20	
	50	9,47038,67329	6,81060	9,98017,55370	65093		9,49021,11959	7,46152	10,50978,88041	10	
11	0	9,47045,48272	6,80943	9,98016,90266	65104		9,49028,58006	7,46047	10,50971,41994	0	49
	10	9,47052,29098	6,80826	9,98016,25151	65115		9,49036,03947	7,45941	10,50963,96053	50	
	20	9,47059,09807	6,80709	9,98015,60024	65127		9,49043,49783	7,45836	10,50956,50217	40	
	30	9,47065,90399	6,80592	9,98014,94887	65137		9,49050,95512	7,45729	10,50949,04488	30	
	40	9,47072,70874	6,80475	9,98014,29738	65149		9,49058,41136	7,45624	10,50941,58864	20	
	50	9,47079,51233	6,80359	9,98013,64578	65160		9,49065,86655	7,45519	10,50934,13345	10	
12	0	9,47086,31475	6,80242	9,98012,99407	65171		9,49073,32067	7,45412	10,50926,67933	0	48
	10	9,47093,11600	6,80125	9,98012,34225	65182		9,49080,77375	7,45308	10,50919,22625	50	
	20	9,47099,91608	6,80008	9,98011,69031	65194		9,49088,22576	7,45201	10,50911,77424	40	
	30	9,47106,71499	6,79891	9,98011,03827	65204		9,49095,67673	7,45097	10,50904,32327	30	
	40	9,47113,51274	6,79775	9,98010,38611	65216		9,49103,12664	7,44991	10,50896,87336	20	
	50	9,47120,30933	6,79659	9,98009,73384	65227		9,49110,57549	7,44885	10,50889,42451	10	
13	0	9,47127,10475	6,79542	9,98009,08146	65238		9,49118,02329	7,44780	10,50881,97671	0	47
	10	9,47133,89900	6,79425	9,98008,42896	65250		9,49125,47004	7,44675	10,50874,52996	50	
	20	9,47140,69209	6,79309	9,98007,77636	65260		9,49132,91573	7,44569	10,50867,08427	40	
	30	9,47147,48401	6,79192	9,98007,12364	65272		9,49140,36037	7,44464	10,50859,63963	30	
	40	9,47154,27477	6,79076	9,98006,47081	65283		9,49147,80396	7,44359	10,50852,19604	20	
	50	9,47161,06437	6,78960	9,98005,81787	65294		9,49155,24650	7,44254	10,50844,75350	10	
14	0	9,47167,85280	6,78843	9,98005,16481	65306		9,49162,68799	7,44149	10,50837,31201	0	46
	10	9,47174,64007	6,78727	9,98004,51165	65316		9,49170,12842	7,44043	10,50829,87158	50	
	20	9,47181,42617	6,78610	9,98003,85837	65328		9,49177,56781	7,43939	10,50822,43219	40	
	30	9,47188,21112	6,78495	9,98003,20498	65339		9,49185,00614	7,43833	10,50814,99386	30	
	40	9,47194,99490	6,78378	9,98002,55148	65350		9,49192,44342	7,43728	10,50807,55658	20	
	50	9,47201,77752	6,78262	9,98001,89787	65361		9,49199,87966	7,43624	10,50800,12034	10	
15	0	9,47208,55898	6,78146	9,98001,24414	65373		9,49207,31484	7,43518	10,50792,68516	0	45
	10	9,47215,33928	6,78030	9,98000,59030	65384		9,49214,74898	7,43414	10,50785,25102	50	
	20	9,47222,11842	6,77914	9,97999,93635	65395		9,49222,18207	7,43309	10,50777,81793	40	
	30	9,47228,89640	6,77798	9,97999,28229	65406		9,49229,61411	7,43204	10,50770,38589	30	
	40	9,47235,67322	6,77682	9,97998,62812	65417		9,49237,04510	7,43099	10,50762,95490	20	
	50	9,47242,44888	6,77566	9,97997,97384	65428		9,49244,47504	7,42994	10,50755,52496	10	
16	0	9,47249,22338	6,77450	9,97997,31944	65440		9,49251,90394	7,42890	10,50748,09606	0	44
	10	9,47255,99672	6,77334	9,97996,66493	65451		9,49259,33179	7,42785	10,50740,66821	50	
	20	9,47262,76890	6,77218	9,97996,01031	65462		9,49266,75859	7,42680	10,50733,24141	40	
	30	9,47269,53993	6,77103	9,97995,35558	65473		9,49274,18435	7,42576	10,50725,81565	30	
	40	9,47276,30980	6,76987	9,97994,70073	65485		9,49281,60906	7,42471	10,50718,39094	20	
	50	9,47283,07851	6,76871	9,97994,04578	65495		9,49289,03273	7,42367	10,50710,96727	10	
17	0	9,47289,84606	6,76755	9,97993,39071	65507		9,49296,45535	7,42262	10,50703,54465	0	43
	10	9,47296,61246	6,76640	9,97992,73553	65518		9,49303,87693	7,42158	10,50696,12307	50	
	20	9,47303,37770	6,76524	9,97992,08024	65529		9,49311,29747	7,42054	10,50688,70253	40	
	30	9,47310,14179	6,76409	9,97991,42483	65541		9,49318,71696	7,41949	10,50681,28304	30	
	40	9,47316,90472	6,76293	9,97990,76932	65551		9,49326,13540	7,41844	10,50673,86460	20	
	50	9,47323,66649	6,76177	9,97990,11369	65563		9,49333,55281	7,41741	10,50666,44719	10	
18	0	9,47330,42711	6,76062	9,97989,45795	65574		9,49340,96917	7,41636	10,50659,03083	0	42
	10	9,47337,18658	6,75947	9,97988,80209	65586		9,49348,38449	7,41532	10,50651,61551	50	
	20	9,47343,94489	6,75831	9,97988,14613	65596		9,49355,79876	7,41427	10,50644,20124	40	
	30	9,47350,70205	6,75716	9,97987,49005	65608		9,49363,21200	7,41324	10,50636,78800	30	
	40	9,47357,45806	6,75601	9,97986,83387	65618		9,49370,62419	7,41219	10,50629,37581	20	
	50	9,47364,21291	6,75485	9,97986,17757	65630		9,49378,03534	7,41115	10,50621,96466	10	
19	0	9,47370,96661	6,75370	9,97985,52115	65642		9,49385,44546	7,41012	10,50614,55454	0	41
	10	9,47377,71916	6,75255	9,97984,86463	65652		9,49392,85453	7,40907	10,50607,14547	50	
	20	9,47384,47055	6,75139	9,97984,20799	65664		9,49400,26256	7,40803	10,50599,73744	40	
	30	9,47391,22080	6,75025	9,97983,55125	65674		9,49407,66955	7,40699	10,50592,33045	30	
	40	9,47397,96989	6,74909	9,97982,89439	65686		9,49415,07551	7,40596	10,50584,92449	20	
	50	9,47404,71784	6,74795	9,97982,23741	65698		9,49422,48042	7,40491	10,50577,51958	10	
20	0	9,47411,46463	6,74679	9,97981,58033	65708		9,49429,88430	7,40388	10,50570,11570	0	40
			6,74564		65720			7,40284			
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,474 ¹¹ ,46463		9,97981,58033		9,49429,88430		10,50570,11570	0	40
	10	9,474 ¹⁸ ,21027	6,74564	9,97980,92313	65720	9,49437,28714	7,40284	10,50562,71286	50	
	20	9,474 ²⁴ ,95476	6,74449	9,97980,26583	65730	9,49444,68894	7,40180	10,50555,31106	40	
	30	9,474 ³¹ ,69811	6,74335	9,97979,60840	65743	9,49452,08970	7,40076	10,50547,91030	30	
	40	9,474 ³⁸ ,44030	6,74219	9,97978,95087	65753	9,49459,48943	7,39973	10,50540,51057	20	
	50	9,474 ⁴⁵ ,18135	6,74105	9,97978,29323	65764	9,49466,88812	7,39869	10,50533,11188	10	
21	0	9,474 ⁵¹ ,92125	6,73990	9,97977,63547	65776	9,49474,28577	7,39765	10,50525,71423	0	39
	10	9,474 ⁵⁸ ,66000	6,73875	9,97977,97760	65787	9,49481,68239	7,39662	10,50518,31761	50	
	20	9,474 ⁶⁵ ,39760	6,73760	9,97976,31962	65798	9,49489,07797	7,39558	10,50510,92203	40	
	30	9,474 ⁷² ,13405	6,73645	9,97975,66153	65809	9,49496,47252	7,39455	10,50503,52748	30	
	40	9,474 ⁷⁹ ,86936	6,73531	9,97975,00333	65820	9,49503,86604	7,39352	10,50496,13396	20	
	50	9,474 ⁸⁵ ,60352	6,73416	9,97974,34501	65832	9,49511,25851	7,39247	10,50488,74149	10	
22	0	9,474 ⁹² ,33654	6,73302	9,97973,68658	65843	9,49518,64996	7,39145	10,50481,35004	0	38
	10	9,474 ⁹⁹ ,06841	6,73187	9,97973,02804	65854	9,49526,04037	7,39041	10,50473,95963	50	
	20	9,475 ⁰⁵ ,79913	6,73072	9,97972,36939	65865	9,49533,42975	7,38938	10,50466,57025	40	
	30	9,475 ¹² ,52871	6,72958	9,97971,71062	65877	9,49540,81809	7,38834	10,50459,18191	30	
	40	9,475 ¹⁹ ,25715	6,72844	9,97971,05175	65887	9,49548,20540	7,38731	10,50451,79460	20	
	50	9,475 ²⁵ ,98444	6,72729	9,97970,39276	65899	9,49555,59168	7,38628	10,50444,40832	10	
23	0	9,475 ³² ,71059	6,72615	9,97969,73366	65910	9,49562,97693	7,38525	10,50437,02307	0	37
	10	9,475 ³⁹ ,43559	6,72500	9,97969,07444	65922	9,49570,36115	7,38422	10,50429,63885	50	
	20	9,475 ⁴⁶ ,15945	6,72386	9,97968,41512	65932	9,49577,74433	7,38318	10,50422,25567	40	
	30	9,475 ⁵² ,88217	6,72272	9,97967,75568	65944	9,49585,12649	7,38216	10,50414,87351	30	
	40	9,475 ⁵⁹ ,60374	6,72157	9,97967,09613	65955	9,49592,50761	7,38112	10,50407,49239	20	
	50	9,475 ⁶⁶ ,32417	6,72043	9,97966,43647	65966	9,49599,88770	7,38009	10,50400,11230	10	
24	0	9,475 ⁷³ ,04346	6,71929	9,97965,77670	65977	9,49607,26677	7,37907	10,50392,73323	0	36
	10	9,475 ⁷⁹ ,76161	6,71815	9,97965,11681	65989	9,49614,64480	7,37803	10,50385,35520	50	
	20	9,475 ⁸⁶ ,47862	6,71701	9,97964,45681	66000	9,49622,02181	7,37701	10,50377,97819	40	
	30	9,475 ⁹³ ,19449	6,71587	9,97963,79670	66011	9,49629,39778	7,37597	10,50370,60222	30	
	40	9,475 ⁹⁹ ,90921	6,71472	9,97963,13648	66022	9,49636,77273	7,37495	10,50363,22727	20	
	50	9,476 ⁰⁶ ,62280	6,71359	9,97962,47615	66033	9,49644,14665	7,37392	10,50355,85335	10	
25	0	9,476 ¹³ ,33525	6,71245	9,97961,81570	66045	9,49651,51955	7,37290	10,50348,48045	0	35
	10	9,476 ²⁰ ,04655	6,71130	9,97961,15514	66056	9,49658,89141	7,37186	10,50341,10859	50	
	20	9,476 ²⁶ ,75672	6,71017	9,97960,49447	66067	9,49666,26225	7,37084	10,50333,73775	40	
	30	9,476 ³³ ,46575	6,70903	9,97959,83369	66078	9,49673,63206	7,36981	10,50326,36794	30	
	40	9,476 ⁴⁰ ,17364	6,70789	9,97959,17279	66090	9,49681,00085	7,36879	10,50318,99915	20	
	50	9,476 ⁴⁶ ,88039	6,70675	9,97958,51179	66100	9,49688,36861	7,36776	10,50311,63139	10	
26	0	9,476 ⁵³ ,58601	6,70562	9,97957,85067	66112	9,49695,73534	7,36673	10,50304,26466	0	34
	10	9,476 ⁶⁰ ,29049	6,70448	9,97957,18944	66123	9,49703,10105	7,36571	10,50296,89895	50	
	20	9,476 ⁶⁶ ,99383	6,70334	9,97956,52809	66135	9,49710,46574	7,36469	10,50289,53426	40	
	30	9,476 ⁷³ ,69604	6,70221	9,97955,86664	66145	9,49717,82940	7,36366	10,50282,17060	30	
	40	9,476 ⁸⁰ ,39710	6,70106	9,97955,20507	66157	9,49725,19204	7,36264	10,50274,80796	20	
	50	9,476 ⁸⁷ ,09704	6,69994	9,97954,54339	66168	9,49732,55365	7,36161	10,50267,44635	10	
27	0	9,476 ⁹³ ,79583	6,69879	9,97953,88160	66179	9,49739,91424	7,36059	10,50260,08576	0	33
	10	9,477 ⁰⁰ ,49350	6,69767	9,97953,21969	66191	9,49747,27380	7,35956	10,50252,72620	50	
	20	9,477 ⁰⁷ ,19002	6,69652	9,97952,55768	66201	9,49754,63235	7,35855	10,50245,36765	40	
	30	9,477 ¹³ ,88542	6,69540	9,97951,89555	66213	9,49761,98987	7,35752	10,50238,01013	30	
	40	9,477 ²⁰ ,57968	6,69426	9,97951,23331	66224	9,49769,34637	7,35650	10,50230,65363	20	
	50	9,477 ²⁷ ,27280	6,69312	9,97950,57095	66236	9,49776,70185	7,35548	10,50223,29815	10	
28	0	9,477 ³³ ,96479	6,69199	9,97949,90849	66246	9,49784,05630	7,35445	10,50215,94370	0	32
	10	9,477 ⁴⁰ ,65565	6,69086	9,97949,24591	66258	9,49791,40974	7,35344	10,50208,59026	50	
	20	9,477 ⁴⁷ ,34538	6,68973	9,97948,58322	66269	9,49798,76215	7,35241	10,50201,23785	40	
	30	9,477 ⁵⁴ ,03397	6,68859	9,97947,92042	66280	9,49806,11355	7,35140	10,50193,88645	30	
	40	9,477 ⁶⁰ ,72143	6,68746	9,97947,25751	66291	9,49813,46392	7,35037	10,50186,53608	20	
	50	9,477 ⁶⁷ ,40776	6,68633	9,97946,59448	66303	9,49820,81328	7,34936	10,50179,18672	10	
29	0	9,477 ⁷⁴ ,09296	6,68520	9,97945,93134	66314	9,49828,16162	7,34834	10,50171,83838	0	31
	10	9,477 ⁸⁰ ,77703	6,68407	9,97945,26809	66325	9,49835,50893	7,34731	10,50164,49107	50	
	20	9,477 ⁸⁷ ,45996	6,68293	9,97944,60473	66336	9,49842,85523	7,34630	10,50157,14477	40	
	30	9,477 ⁹⁴ ,14177	6,68181	9,97943,94126	66347	9,49850,20052	7,34529	10,50149,79948	30	
	40	9,478 ⁰⁰ ,82245	6,68068	9,97943,27767	66359	9,49857,54478	7,34426	10,50142,45522	20	
	50	9,478 ⁰⁷ ,50199	6,67954	9,97942,61397	66370	9,49864,88803	7,34325	10,50135,11197	10	
30	0	9,478 ¹⁴ ,18041	6,67842	9,97941,95016	66381	9,49872,23025	7,34222	10,50127,76975	0	30
			6,67729		66393		7,34122			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

17		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,47814,18041	6,67729	9,97941,95016	66393		9,49872,23025	7,34122	10,50127,76975	0	30
	10	9,47820,85770	6,67616	9,97941,28623	66403		9,49879,57147	7,34019	10,50120,42853	50	
	20	9,47827,53386	6,67503	9,97940,62220	66415		9,49886,91166	7,33918	10,50113,08834	40	
	30	9,47834,20889	6,67391	9,97939,95805	66426		9,49894,25084	7,33817	10,50105,74916	30	
	40	9,47840,88280	6,67277	9,97939,29379	66437		9,49901,58901	7,33715	10,50098,41099	20	
	50	9,47847,55557	6,67165	9,97938,62942	66449		9,49908,92616	7,33613	10,50091,07384	10	
31	0	9,47854,22722	6,67053	9,97937,96493	66460		9,49916,26229	7,33512	10,50083,73771	0	29
	10	9,47860,89775	6,66939	9,97937,30033	66471		9,49923,59741	7,33411	10,50076,40259	50	
	20	9,47867,56714	6,66827	9,97936,63562	66482		9,49930,93152	7,33309	10,50069,06848	40	
	30	9,47874,23541	6,66715	9,97935,97080	66493		9,49938,26461	7,33208	10,50061,73539	30	
	40	9,47880,90256	6,66602	9,97935,30587	66505		9,49945,59669	7,33106	10,50054,40331	20	
	50	9,47887,56858	6,66489	9,97934,64082	66516		9,49952,92775	7,33006	10,50047,07225	10	
32	0	9,47894,23347	6,66377	9,97933,97566	66527		9,49960,25781	7,32904	10,50039,74219	0	28
	10	9,47900,89724	6,66265	9,97933,31039	66538		9,49967,58685	7,32802	10,50032,41315	50	
	20	9,47907,55989	6,66152	9,97932,64501	66549		9,49974,91487	7,32702	10,50025,08513	40	
	30	9,47914,22141	6,66039	9,97931,97952	66561		9,49982,24189	7,32601	10,50017,75811	30	
	40	9,47920,88180	6,65928	9,97931,31391	66572		9,49989,56790	7,32499	10,50010,43210	20	
	50	9,47927,54108	6,65815	9,97930,64819	66583		9,49996,89289	7,32398	10,50003,10711	10	
33	0	9,47934,19923	6,65703	9,97929,98236	66595		9,50004,21687	7,32297	10,49995,78313	0	27
	10	9,47940,85626	6,65590	9,97929,31641	66605		9,50011,53984	7,32197	10,49988,46016	50	
	20	9,47947,51216	6,65479	9,97928,65036	66617		9,50018,86181	7,32095	10,49981,13819	40	
	30	9,47954,16695	6,65366	9,97927,98419	66629		9,50026,18276	7,31994	10,49973,81724	30	
	40	9,47960,82061	6,65254	9,97927,31790	66639		9,50033,50270	7,31894	10,49966,49730	20	
	50	9,47967,47315	6,65142	9,97926,65151	66650		9,50040,82164	7,31792	10,49959,17836	10	
34	0	9,47974,12457	6,65030	9,97925,98501	66662		9,50048,13956	7,31692	10,49951,86044	0	26
	10	9,47980,77487	6,64918	9,97925,31839	66673		9,50055,45648	7,31591	10,49944,54352	50	
	20	9,47987,42405	6,64806	9,97924,65166	66685		9,50062,77239	7,31490	10,49937,22761	40	
	30	9,47994,07211	6,64694	9,97923,98481	66695		9,50070,08729	7,31390	10,49929,91271	30	
	40	9,48000,71905	6,64582	9,97923,31786	66707		9,50077,40119	7,31289	10,49922,59881	20	
	50	9,48007,36487	6,64470	9,97922,65079	66718		9,50084,71408	7,31188	10,49915,28592	10	
35	0	9,48014,00957	6,64358	9,97921,98361	66729		9,50092,02596	7,31087	10,49907,97404	0	25
	10	9,48020,65315	6,64247	9,97921,31632	66741		9,50099,33683	7,30987	10,49900,66317	50	
	20	9,48027,29562	6,64134	9,97920,64891	66751		9,50106,64670	7,30887	10,49893,35330	40	
	30	9,48033,93696	6,64023	9,97919,98140	66763		9,50113,95557	7,30785	10,49886,04443	30	
	40	9,48040,57719	6,63912	9,97919,31377	66774		9,50121,26342	7,30686	10,49878,73658	20	
	50	9,48047,21631	6,63799	9,97918,64603	66786		9,50128,57028	7,30585	10,49871,42972	10	
36	0	9,48053,85430	6,63688	9,97917,97817	66796		9,50135,87613	7,30484	10,49864,12387	0	24
	10	9,48060,49118	6,63576	9,97917,31021	66808		9,50143,18097	7,30384	10,49856,81903	50	
	20	9,48067,12694	6,63465	9,97916,64213	66819		9,50150,48481	7,30284	10,49849,51519	40	
	30	9,48073,76159	6,63353	9,97915,97394	66831		9,50157,78765	7,30184	10,49842,21235	30	
	40	9,48080,39512	6,63242	9,97915,30563	66841		9,50165,08949	7,30083	10,49834,91051	20	
	50	9,48087,02754	6,63130	9,97914,63722	66853		9,50172,39032	7,29983	10,49827,60968	10	
37	0	9,48093,65884	6,63019	9,97913,96869	66864		9,50179,69015	7,29882	10,49820,30985	0	23
	10	9,48100,28903	6,62907	9,97913,30005	66875		9,50186,98897	7,29783	10,49813,01103	50	
	20	9,48106,91810	6,62796	9,97912,63130	66887		9,50194,28680	7,29682	10,49805,71320	40	
	30	9,48113,54606	6,62684	9,97911,96243	66897		9,50201,58362	7,29583	10,49798,41638	30	
	40	9,48120,17290	6,62574	9,97911,29346	66909		9,50208,87945	7,29482	10,49791,12055	20	
	50	9,48126,79864	6,62462	9,97910,62437	66921		9,50216,17427	7,29382	10,49783,82573	10	
38	0	9,48133,42326	6,62350	9,97909,95516	66931		9,50223,46809	7,29282	10,49776,53191	0	22
	10	9,48140,04676	6,62240	9,97909,28585	66943		9,50230,76091	7,29183	10,49769,23909	50	
	20	9,48146,66916	6,62128	9,97908,61642	66954		9,50238,05274	7,29082	10,49761,94726	40	
	30	9,48153,29044	6,62017	9,97907,94688	66965		9,50245,34356	7,28982	10,49754,65644	30	
	40	9,48159,91061	6,61907	9,97907,27723	66976		9,50252,63338	7,28883	10,49747,36662	20	
	50	9,48166,52968	6,61795	9,97906,60747	66988		9,50259,92221	7,28783	10,49740,07779	10	
39	0	9,48173,14763	6,61684	9,97905,93759	66999		9,50267,21004	7,28683	10,49732,78996	0	21
	10	9,48179,76447	6,61573	9,97905,26760	67010		9,50274,49687	7,28583	10,49725,50313	50	
	20	9,48186,38020	6,61462	9,97904,59750	67021		9,50281,78270	7,28483	10,49718,21730	40	
	30	9,48192,99482	6,61351	9,97903,92729	67033		9,50289,06753	7,28384	10,49710,93247	30	
	40	9,48199,60833	6,61240	9,97903,25696	67044		9,50296,35137	7,28284	10,49703,64863	20	
	50	9,48206,22073	6,61129	9,97902,58652	67055		9,50303,63421	7,28184	10,49696,36579	10	
40	0	9,48212,83202	6,61019	9,97901,91597	67066		9,50310,91605	7,28085	10,49689,08395	0	20
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

17		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	commu- nes.	Logarithmi.		
40	0	9,48212,83202	6,61019	9,97901,91597	67066		9,50310,91605	7,28085	10,49689,08395	0	20
	10	9,48219,44221	6,60908	9,97901,24531	67078		9,50318,19690	7,27986	10,49681,80310	50	
	20	9,48226,05129	6,60797	9,97900,57453	67089		9,50325,47676	7,27885	10,49674,52324	40	
	30	9,48232,65926	6,60686	9,97899,90364	67100		9,50332,75561	7,27787	10,49667,24439	30	
	40	9,48239,26612	6,60575	9,97899,23264	67111		9,50340,03348	7,27687	10,49659,96652	20	
	50	9,48245,87187	6,60465	9,97898,56153	67123		9,50347,31035	7,27587	10,49652,68965	10	
41	0	9,48252,47652	6,60354	9,97897,89030	67134		9,50354,58622	7,27488	10,49645,41378	0	19
	10	9,48259,08006	6,60244	9,97897,21896	67145		9,50361,86110	7,27389	10,49638,13890	50	
	20	9,48265,68250	6,60133	9,97896,54751	67156		9,50369,13499	7,27289	10,49630,86501	40	
	30	9,48272,28383	6,60022	9,97895,87595	67168		9,50376,40788	7,27190	10,49623,59212	30	
	40	9,48278,88405	6,59912	9,97895,20427	67179		9,50383,67978	7,27091	10,49616,32022	20	
	50	9,48285,48317	6,59802	9,97894,53248	67190		9,50390,95069	7,26991	10,49609,04931	10	
42	0	9,48292,08119	6,59691	9,97893,86058	67201		9,50398,22060	7,26893	10,49601,77940	0	18
	10	9,48298,67810	6,59581	9,97893,18857	67212		9,50405,48953	7,26793	10,49594,51047	50	
	20	9,48305,27391	6,59470	9,97892,51645	67224		9,50412,75746	7,26694	10,49587,24254	40	
	30	9,48311,86861	6,59360	9,97891,84421	67235		9,50420,02440	7,26595	10,49579,97560	30	
	40	9,48318,46221	6,59250	9,97891,17186	67247		9,50427,29035	7,26496	10,49572,70965	20	
	50	9,48325,05471	6,59139	9,97890,49939	67257		9,50434,55531	7,26397	10,49565,44469	10	
43	0	9,48331,64610	6,59029	9,97889,82682	67269		9,50441,81928	7,26298	10,49558,18072	0	17
	10	9,48338,23639	6,58919	9,97889,15413	67280		9,50449,08226	7,26199	10,49550,91774	50	
	20	9,48344,82558	6,58809	9,97888,48133	67291		9,50456,34425	7,26101	10,49543,65575	40	
	30	9,48351,41367	6,58699	9,97887,80842	67303		9,50463,60526	7,26001	10,49536,39474	30	
	40	9,48358,00066	6,58589	9,97887,13539	67314		9,50470,86527	7,25902	10,49529,13473	20	
	50	9,48364,58655	6,58478	9,97886,46225	67325		9,50478,12429	7,25804	10,49521,87571	10	
44	0	9,48371,17133	6,58369	9,97885,78900	67336		9,50485,38233	7,25705	10,49514,61767	0	16
	10	9,48377,75502	6,58258	9,97885,11564	67348		9,50492,63938	7,25606	10,49507,36062	50	
	20	9,48384,33760	6,58149	9,97884,44216	67358		9,50499,89544	7,25507	10,49500,10456	40	
	30	9,48390,91909	6,58039	9,97883,76858	67370		9,50507,15051	7,25409	10,49492,84949	30	
	40	9,48397,49948	6,57928	9,97883,09488	67382		9,50514,40460	7,25310	10,49485,59540	20	
	50	9,48404,07876	6,57819	9,97882,42106	67392		9,50521,65770	7,25212	10,49478,34230	10	
45	0	9,48410,65695	6,57709	9,97881,74714	67404		9,50528,90982	7,25112	10,49471,09018	0	15
	10	9,48417,23404	6,57600	9,97881,07310	67415		9,50536,16094	7,25015	10,49463,83906	50	
	20	9,48423,81004	6,57489	9,97880,39895	67427		9,50543,41109	7,24916	10,49456,58891	40	
	30	9,48430,38493	6,57380	9,97879,72468	67437		9,50550,66025	7,24817	10,49449,33975	30	
	40	9,48436,95873	6,57270	9,97879,05031	67449		9,50557,90842	7,24719	10,49442,09158	20	
	50	9,48443,53143	6,57160	9,97878,37582	67460		9,50565,15561	7,24620	10,49434,84439	10	
46	0	9,48450,10303	6,57051	9,97877,70122	67471		9,50572,40181	7,24522	10,49427,59819	0	14
	10	9,48456,67354	6,56941	9,97877,02651	67483		9,50579,64703	7,24424	10,49420,35297	50	
	20	9,48463,24295	6,56832	9,97876,35168	67494		9,50586,89127	7,24326	10,49413,10873	40	
	30	9,48469,81127	6,56722	9,97875,67674	67505		9,50594,13453	7,24227	10,49405,86547	30	
	40	9,48476,37849	6,56612	9,97875,00169	67516		9,50601,37680	7,24129	10,49398,62320	20	
	50	9,48482,94461	6,56504	9,97874,32653	67528		9,50608,61809	7,24031	10,49391,38191	10	
47	0	9,48489,50965	6,56393	9,97873,65125	67539		9,50615,85840	7,23932	10,49384,14160	0	13
	10	9,48496,07358	6,56285	9,97872,97586	67550		9,50623,09772	7,23835	10,49376,90228	50	
	20	9,48502,63643	6,56175	9,97872,30036	67562		9,50630,33607	7,23736	10,49369,66393	40	
	30	9,48509,19818	6,56065	9,97871,62474	67572		9,50637,57343	7,23638	10,49362,42657	30	
	40	9,48515,75883	6,55956	9,97870,94902	67584		9,50644,80981	7,23541	10,49355,19019	20	
	50	9,48522,31839	6,55847	9,97870,27318	67595		9,50652,04522	7,23442	10,49347,95478	10	
48	0	9,48528,87686	6,55738	9,97869,59723	67607		9,50659,27964	7,23344	10,49340,72036	0	12
	10	9,48535,43424	6,55629	9,97868,92116	67618		9,50666,51308	7,23246	10,49333,48692	50	
	20	9,48541,99053	6,55519	9,97868,24498	67628		9,50673,74554	7,23149	10,49326,25446	40	
	30	9,48548,54572	6,55411	9,97867,56870	67641		9,50680,97703	7,23050	10,49319,02297	30	
	40	9,48555,09983	6,55301	9,97866,89229	67651		9,50688,20753	7,22953	10,49311,79247	20	
	50	9,48561,65284	6,55192	9,97866,21578	67663		9,50695,43706	7,22855	10,49304,56294	10	
49	0	9,48568,20476	6,55083	9,97865,53915	67674		9,50702,66561	7,22757	10,49297,33439	0	11
	10	9,48574,75559	6,54974	9,97864,86241	67685		9,50709,89318	7,22659	10,49290,10682	50	
	20	9,48581,30533	6,54865	9,97864,18556	67697		9,50717,11977	7,22562	10,49282,88023	40	
	30	9,48587,85398	6,54756	9,97863,50859	67708		9,50724,34539	7,22464	10,49275,65461	30	
	40	9,48594,40154	6,54648	9,97862,83151	67719		9,50731,57003	7,22366	10,49268,42997	20	
	50	9,48600,94802	6,54538	9,97862,15432	67730		9,50738,79369	7,22269	10,49261,20631	10	
50	0	9,48607,49340	6,54429	9,97861,47702	67742		9,50746,01638	7,22171	10,49253,98362	0	10
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

17		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	commu- nes.	Logarithmi.		
50	0	9,48607,49340	6,54429	9,97861,47702	67742		9,50746,01638	7,22171	10,49253,98362	0	10
51	10	9,48614,03769	6,54321	9,97860,79960	67752		9,50753,23809	7,22074	10,49246,76191	50	9
	20	9,48620,58090	6,54212	9,97860,12208	67765		9,50760,45883	7,21976	10,49239,54117	40	
	30	9,48627,12302	6,54103	9,97859,44443	67775		9,50767,67859	7,21878	10,49232,32141	30	
	40	9,48633,66405	6,53995	9,97858,76668	67787		9,50774,89737	7,21782	10,49225,10263	20	
	50	9,48640,20400	6,53886	9,97858,08881	67798		9,50782,11519	7,21683	10,49217,88481	10	
52	0	9,48646,74286	6,53777	9,97857,41083	67809		9,50789,33202	7,21587	10,49210,66798	0	8
	10	9,48653,28063	6,53669	9,97856,73274	67820		9,50796,54789	7,21489	10,49203,45211	50	
	20	9,48659,81732	6,53560	9,97856,05454	67832		9,50803,76278	7,21392	10,49196,23722	40	
	30	9,48666,35292	6,53451	9,97855,37622	67843		9,50810,97670	7,21294	10,49189,02330	30	
	40	9,48672,88743	6,53343	9,97854,69779	67854		9,50818,18964	7,21197	10,49181,81036	20	
53	50	9,48679,42086	6,53235	9,97854,01925	67866		9,50825,40161	7,21100	10,49174,59839	10	7
	0	9,48685,95321	6,53126	9,97853,34059	67877		9,50832,61261	7,21003	10,49167,38739	0	
	10	9,48692,48447	6,53017	9,97852,66182	67888		9,50839,82264	7,20906	10,49160,17736	50	
	20	9,48699,01464	6,52910	9,97851,98294	67899		9,50847,03170	7,20809	10,49152,96830	40	
	30	9,48705,54374	6,52800	9,97851,30395	67911		9,50854,23979	7,20711	10,49145,76021	30	
54	40	9,48712,07174	6,52693	9,97850,62484	67921		9,50861,44690	7,20614	10,49138,55310	20	6
	50	9,48718,59867	6,52584	9,97849,94563	67934		9,50868,65304	7,20518	10,49131,34696	10	
	0	9,48725,12451	6,52476	9,97849,26629	67944		9,50875,85822	7,20420	10,49124,14178	0	
	10	9,48731,64927	6,52368	9,97848,58685	67956		9,50883,06242	7,20324	10,49116,93758	50	
	20	9,48738,17295	6,52260	9,97847,90729	67967		9,50890,26566	7,20227	10,49109,73434	40	
55	30	9,48744,69555	6,52151	9,97847,22762	67978		9,50897,46793	7,20129	10,49102,53207	30	5
	40	9,48751,21706	6,52044	9,97846,54784	67989		9,50904,66922	7,20033	10,49095,33078	20	
	50	9,48757,73750	6,51935	9,97845,86795	68001		9,50911,86955	7,19936	10,49088,13045	10	
	0	9,48764,25685	6,51827	9,97845,18794	68012		9,50919,06891	7,19839	10,49080,93109	0	
	10	9,48770,77512	6,51719	9,97844,50782	68024		9,50926,26730	7,19743	10,49073,73270	50	4
56	20	9,48777,29231	6,51612	9,97843,82758	68034		9,50933,46473	7,19646	10,49066,53527	40	
	30	9,48783,80843	6,51503	9,97843,14724	68046		9,50940,66119	7,19549	10,49059,33881	30	
	40	9,48790,32346	6,51395	9,97842,46678	68057		9,50947,85668	7,19452	10,49052,14332	20	
	50	9,48796,83741	6,51288	9,97841,78621	68069		9,50955,05120	7,19356	10,49044,94880	10	
57	0	9,48803,35029	6,51179	9,97841,10552	68079		9,50962,24476	7,19260	10,49037,75524	0	3
	10	9,48809,86208	6,51072	9,97840,42473	68091		9,50969,43736	7,19162	10,49030,56264	50	
	20	9,48816,37280	6,50964	9,97839,74382	68102		9,50976,62898	7,19066	10,49023,37102	40	
	30	9,48822,88244	6,50856	9,97839,06280	68114		9,50983,81964	7,18970	10,49016,18036	30	
	40	9,48829,39100	6,50749	9,97838,38166	68125		9,50991,00934	7,18873	10,49008,99066	20	
58	50	9,48835,89849	6,50640	9,97837,70041	68136		9,50998,19807	7,18777	10,49001,80193	10	2
	0	9,48842,40489	6,50533	9,97837,01905	68147		9,51005,38584	7,18681	10,48994,61416	0	
	10	9,48848,91022	6,50426	9,97836,33758	68159		9,51012,57265	7,18584	10,48987,42735	50	
	20	9,48855,41448	6,50318	9,97835,65599	68170		9,51019,75849	7,18487	10,48980,24151	40	
	30	9,48861,91766	6,50210	9,97834,97429	68181		9,51026,94336	7,18392	10,48973,05664	30	
59	40	9,48868,41976	6,50103	9,97834,29248	68192		9,51034,12728	7,18295	10,48965,87272	20	1
	50	9,48874,92079	6,49995	9,97833,61056	68204		9,51041,31023	7,18199	10,48958,68977	10	
	0	9,48881,42074	6,49888	9,97832,92852	68215		9,51048,49222	7,18103	10,48951,50778	0	
	10	9,48887,91962	6,49780	9,97832,24637	68226		9,51055,67325	7,18006	10,48944,32675	50	
	20	9,48894,41742	6,49673	9,97831,56411	68238		9,51062,85331	7,17911	10,48937,14669	40	
60	30	9,48900,91415	6,49565	9,97830,88173	68249		9,51070,03242	7,17814	10,48929,96758	30	0
	40	9,48907,40980	6,49459	9,97830,19924	68260		9,51077,21056	7,17719	10,48922,78944	20	
	50	9,48913,90439	6,49350	9,97829,51664	68271		9,51084,38775	7,17622	10,48915,61225	10	
	0	9,48920,39789	6,49244	9,97828,83393	68283		9,51091,56397	7,17526	10,48908,43603	0	
	10	9,48926,89033	6,49136	9,97828,15110	68294		9,51098,73923	7,17430	10,48901,26077	50	
61	20	9,48933,38169	6,49029	9,97827,46816	68305		9,51105,91353	7,17335	10,48894,08647	40	1
	30	9,48939,87198	6,48922	9,97826,78511	68317		9,51113,08688	7,17238	10,48886,91312	30	
	40	9,48946,36120	6,48815	9,97826,10194	68328		9,51120,25926	7,17143	10,48879,74074	20	
	50	9,48952,84935	6,48708	9,97825,41866	68339		9,51127,43069	7,17047	10,48872,56931	10	
	0	9,48959,33643	6,48600	9,97824,73527	68350		9,51134,60116	7,16951	10,48865,39884	0	
62	10	9,48965,82243	6,48494	9,97824,05177	68362		9,51141,77067	7,16855	10,48858,22933	50	0
	20	9,48972,30737	6,48386	9,97823,36815	68373		9,51148,93922	7,16759	10,48851,06078	40	
	30	9,48978,79123	6,48280	9,97822,68442	68384		9,51156,10681	7,16664	10,48843,89319	30	
	40	9,48985,27403	6,48172	9,97822,00058	68396		9,51163,27345	7,16568	10,48836,72655	20	
	50	9,48991,75575	6,48066	9,97821,31662	68407		9,51170,43913	7,16472	10,48829,56087	10	
60	0	9,48998,23641	6,47959	9,97820,63255	68418		9,51177,60385	7,16377	10,48822,39615	0	
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

18		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	9,48998,23641		9,97820,63255		9,51177,60385		10,48822,39615	0	60
1	10	9,49004,71600	6,47959	9,97819,94837	68418	9,51184,76762	7,16377	10,48815,23238	50	59
	20	9,49011,19451	6,47851	9,97819,26408	68429	9,51191,93043	7,16281	10,48808,06957	40	
	30	9,49017,67196	6,47745	9,97818,57967	68441	9,51199,09229	7,16186	10,48800,90771	30	
	40	9,49024,14835	6,47639	9,97817,89515	68452	9,51206,25319	7,16090	10,48793,74681	20	
	50	9,49030,62366	6,47531	9,97817,21052	68463	9,51213,41314	7,15995	10,48786,58686	10	
	0	9,49037,09791	6,47425	9,97816,52578	68474	9,51220,57213	7,15899	10,48779,42787	0	
2	10	9,49043,57109	6,47318	9,97815,84092	68486	9,51227,73017	7,15804	10,48772,26983	50	58
	20	9,49050,04320	6,47211	9,97815,15595	68497	9,51234,88725	7,15708	10,48765,11275	40	
	30	9,49056,51425	6,47105	9,97814,47086	68509	9,51242,04338	7,15613	10,48757,95662	30	
	40	9,49062,98423	6,46998	9,97813,78567	68519	9,51249,19856	7,15518	10,48750,80144	20	
	50	9,49069,45314	6,46891	9,97813,10036	68531	9,51256,35279	7,15423	10,48743,64721	10	
	0	9,49075,92099	6,46785	9,97812,41493	68543	9,51263,50606	7,15327	10,48736,49394	0	
3	10	9,49082,38777	6,46678	9,97811,72940	68553	9,51270,65838	7,15232	10,48729,34162	50	57
	20	9,49088,85349	6,46572	9,97811,04375	68565	9,51277,80974	7,15136	10,48722,19026	40	
	30	9,49095,31815	6,46466	9,97810,35799	68576	9,51284,96016	7,15042	10,48715,03984	30	
	40	9,49101,78174	6,46359	9,97809,67211	68588	9,51292,10963	7,14947	10,48707,89037	20	
	50	9,49108,24426	6,46252	9,97808,98613	68598	9,51299,25814	7,14851	10,48700,74186	10	
	0	9,49114,70573	6,46147	9,97808,30003	68610	9,51306,40570	7,14756	10,48693,59430	0	
4	10	9,49121,16613	6,46040	9,97807,61381	68622	9,51313,55232	7,14662	10,48686,44768	50	56
	20	9,49127,62546	6,45933	9,97806,92749	68632	9,51320,69798	7,14566	10,48679,30202	40	
	30	9,49134,08374	6,45828	9,97806,24105	68644	9,51327,84269	7,14471	10,48672,15731	30	
	40	9,49140,54095	6,45721	9,97805,55450	68655	9,51334,98645	7,14376	10,48665,01355	20	
	50	9,49146,99710	6,45615	9,97804,86783	68667	9,51342,12927	7,14282	10,48657,87073	10	
	0	9,49153,45219	6,45509	9,97804,18105	68678	9,51349,27113	7,14186	10,48650,72887	0	
5	10	9,49159,90621	6,45402	9,97803,49416	68689	9,51356,41205	7,14092	10,48643,58795	50	55
	20	9,49166,35918	6,45297	9,97802,80716	68700	9,51363,55202	7,13997	10,48636,44798	40	
	30	9,49172,81109	6,45191	9,97802,12004	68712	9,51370,69104	7,13902	10,48629,30896	30	
	40	9,49179,26193	6,45084	9,97801,43281	68723	9,51377,82912	7,13808	10,48622,17088	20	
	50	9,49185,71171	6,44978	9,97800,74547	68734	9,51384,96624	7,13712	10,48615,03376	10	
	0	9,49192,16044	6,44873	9,97800,05802	68745	9,51392,10242	7,13618	10,48607,89758	0	
6	10	9,49198,60810	6,44766	9,97799,37045	68757	9,51399,23766	7,13524	10,48600,76234	50	54
	20	9,49205,05471	6,44661	9,97798,68277	68768	9,51406,37194	7,13428	10,48593,62806	40	
	30	9,49211,50026	6,44555	9,97797,99497	68780	9,51413,50529	7,13335	10,48586,49471	30	
	40	9,49217,94475	6,44449	9,97797,30706	68791	9,51420,63768	7,13239	10,48579,36232	20	
	50	9,49224,38818	6,44343	9,97796,61904	68802	9,51427,76913	7,13145	10,48572,23087	10	
	0	9,49230,83055	6,44237	9,97795,93091	68813	9,51434,89964	7,13051	10,48565,10036	0	
7	10	9,49237,27186	6,44131	9,97795,24266	68825	9,51442,02920	7,12956	10,48557,97080	50	53
	20	9,49243,71212	6,44026	9,97794,55431	68835	9,51449,15782	7,12862	10,48550,84218	40	
	30	9,49250,15132	6,43920	9,97793,86583	68848	9,51456,28549	7,12767	10,48543,71451	30	
	40	9,49256,58947	6,43815	9,97793,17725	68858	9,51463,41222	7,12673	10,48536,58778	20	
	50	9,49263,02655	6,43708	9,97792,48855	68870	9,51470,53800	7,12578	10,48529,46200	10	
	0	9,49269,46259	6,43604	9,97791,79974	68881	9,51477,66285	7,12485	10,48522,33715	0	
8	10	9,49275,89756	6,43497	9,97791,11081	68893	9,51484,78675	7,12390	10,48515,21325	50	52
	20	9,49282,33148	6,43392	9,97790,42178	68903	9,51491,90971	7,12296	10,48508,09029	40	
	30	9,49288,76435	6,43287	9,97789,73263	68915	9,51499,03172	7,12201	10,48500,96828	30	
	40	9,49295,19616	6,43181	9,97789,04336	68927	9,51506,15280	7,12108	10,48493,84720	20	
	50	9,49301,62692	6,43076	9,97788,35399	68937	9,51513,27293	7,12013	10,48486,72707	10	
	0	9,49308,05662	6,42970	9,97787,66450	68949	9,51520,39212	7,11919	10,48479,60788	0	
9	10	9,49314,48527	6,42865	9,97786,97490	68960	9,51527,51037	7,11825	10,48472,48963	50	51
	20	9,49320,91286	6,42759	9,97786,28518	68972	9,51534,62768	7,11731	10,48465,37232	40	
	30	9,49327,33940	6,42654	9,97785,59535	68983	9,51541,74405	7,11637	10,48458,25595	30	
	40	9,49333,76489	6,42549	9,97784,90541	68994	9,51548,85948	7,11543	10,48451,14052	20	
	50	9,49340,18933	6,42444	9,97784,21536	69005	9,51555,97397	7,11449	10,48444,02603	10	
	0	9,49346,61271	6,42338	9,97783,52519	69017	9,51563,08752	7,11355	10,48436,91248	0	
10	10	9,49353,03504	6,42233	9,97782,83491	69028	9,51570,20013	7,11261	10,48429,79987	50	50
	20	9,49359,45632	6,42128	9,97782,14451	69040	9,51577,31181	7,11168	10,48422,68819	40	
	30	9,49365,87655	6,42023	9,97781,45401	69050	9,51584,42254	7,11073	10,48415,57746	30	
	40	9,49372,29573	6,41918	9,97780,76339	69062	9,51591,53234	7,10980	10,48408,46766	20	
	50	9,49378,71386	6,41813	9,97780,07266	69073	9,51598,64120	7,10886	10,48401,35880	10	
	0	9,49385,13093	6,41707	9,97779,38181	69085	9,51605,74912	7,10792	10,48394,25088	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

18		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
10	0	9,49385,13093		9,97779,38181			9,51605,74912		10,48394,25088	0	50
	10	9,49391,54696	6,41603	9,97778,69085	69096		9,51612,85611	7,10699	10,48387,14389	50	
	20	9,49397,96194	6,41498	9,97777,99978	69107		9,51619,96216	7,10605	10,48380,03784	40	
	30	9,49404,37586	6,41392	9,97777,30859	69119		9,51627,06727	7,10511	10,48372,93273	30	
	40	9,49410,78874	6,41288	9,97776,61730	69129		9,51634,17145	7,10418	10,48365,82855	20	
	50	9,49417,20057	6,41183	9,97775,92588	69142		9,51641,27469	7,10324	10,48358,72531	10	
11	0	9,49423,61135	6,41078	9,97775,23436	69152		9,51648,37699	7,10230	10,48351,62301	0	49
	10	9,49430,02108	6,40973	9,97774,54272	69164		9,51655,47836	7,10137	10,48344,52164	50	
	20	9,49436,42977	6,40869	9,97773,85097	69175		9,51662,57880	7,10044	10,48337,42120	40	
	30	9,49442,83740	6,40763	9,97773,15911	69186		9,51669,67830	7,09950	10,48330,32170	30	
	40	9,49449,24399	6,40659	9,97772,46713	69198		9,51676,77686	7,09856	10,48323,22314	20	
	50	9,49455,64954	6,40555	9,97771,77504	69209		9,51683,87449	7,09763	10,48316,12551	10	
12	0	9,49462,05403	6,40449	9,97771,08284	69220		9,51690,97119	7,09670	10,48309,02881	0	48
	10	9,49468,45748	6,40345	9,97770,39052	69232		9,51698,06696	7,09577	10,48301,93304	50	
	20	9,49474,85989	6,40241	9,97769,69809	69243		9,51705,16179	7,09483	10,48294,83821	40	
	30	9,49481,26124	6,40135	9,97769,00555	69254		9,51712,25569	7,09390	10,48287,74431	30	
	40	9,49487,66156	6,40032	9,97768,31290	69265		9,51719,34866	7,09297	10,48280,65134	20	
	50	9,49494,06082	6,39926	9,97767,62013	69277		9,51726,44069	7,09203	10,48273,55931	10	
13	0	9,49500,45904	6,39822	9,97766,92725	69288		9,51733,53180	7,09111	10,48266,46820	0	47
	10	9,49506,85622	6,39718	9,97766,23425	69300		9,51740,62197	7,09017	10,48259,37803	50	
	20	9,49513,25236	6,39614	9,97765,54114	69311		9,51747,71121	7,08924	10,48252,28879	40	
	30	9,49519,64745	6,39509	9,97764,84792	69322		9,51754,79952	7,08831	10,48245,20048	30	
	40	9,49526,04149	6,39404	9,97764,15459	69333		9,51761,88690	7,08738	10,48238,11310	20	
	50	9,49532,43449	6,39300	9,97763,46114	69345		9,51768,97335	7,08645	10,48231,02665	10	
14	0	9,49538,82645	6,39196	9,97762,76758	69356		9,51776,05887	7,08552	10,48223,94113	0	46
	10	9,49545,21737	6,39092	9,97762,07391	69367		9,51783,14346	7,08459	10,48216,85654	50	
	20	9,49551,60724	6,38987	9,97761,38012	69379		9,51790,22712	7,08366	10,48209,77288	40	
	30	9,49557,99608	6,38884	9,97760,68622	69390		9,51797,30986	7,08274	10,48202,69014	30	
	40	9,49564,38387	6,38779	9,97759,99221	69401		9,51804,39166	7,08180	10,48195,60834	20	
	50	9,49570,77062	6,38675	9,97759,29808	69413		9,51811,47254	7,08088	10,48188,52746	10	
15	0	9,49577,15632	6,38570	9,97758,60384	69424		9,51818,55248	7,07994	10,48181,44752	0	45
	10	9,49583,54099	6,38467	9,97757,90949	69435		9,51825,63150	7,07902	10,48174,36850	50	
	20	9,49589,92462	6,38363	9,97757,21502	69447		9,51832,70959	7,07809	10,48167,29041	40	
	30	9,49596,30720	6,38258	9,97756,52044	69458		9,51839,78676	7,07717	10,48160,21324	30	
	40	9,49602,68875	6,38155	9,97755,82575	69469		9,51846,86300	7,07624	10,48153,13700	20	
	50	9,49609,06926	6,38051	9,97755,13095	69480		9,51853,93831	7,07531	10,48146,06169	10	
16	0	9,49615,44872	6,37946	9,97754,43603	69492		9,51861,01270	7,07439	10,48138,98730	0	44
	10	9,49621,82715	6,37843	9,97753,74100	69503		9,51868,08616	7,07346	10,48131,91384	50	
	20	9,49628,20454	6,37739	9,97753,04585	69515		9,51875,15869	7,07253	10,48124,84131	40	
	30	9,49634,58089	6,37635	9,97752,35059	69526		9,51882,23030	7,07161	10,48117,76970	30	
	40	9,49640,95621	6,37532	9,97751,65522	69537		9,51889,30099	7,07069	10,48110,69901	20	
	50	9,49647,33048	6,37427	9,97750,95974	69548		9,51896,37075	7,06976	10,48103,62925	10	
17	0	9,49653,70372	6,37324	9,97750,26414	69560		9,51903,43958	7,06883	10,48096,56042	0	43
	10	9,49660,07592	6,37220	9,97749,56843	69571		9,51910,50749	7,06791	10,48089,49251	50	
	20	9,49666,44708	6,37116	9,97748,87260	69583		9,51917,57448	7,06699	10,48082,42552	40	
	30	9,49672,81721	6,37013	9,97748,17667	69593		9,51924,64055	7,06607	10,48075,35945	30	
	40	9,49679,18630	6,36909	9,97747,48062	69605		9,51931,70569	7,06514	10,48068,29431	20	
	50	9,49685,55436	6,36806	9,97746,78445	69617		9,51938,76991	7,06422	10,48061,23009	10	
18	0	9,49691,92138	6,36702	9,97746,08817	69628		9,51945,83320	7,06329	10,48054,16680	0	42
	10	9,49698,28736	6,36598	9,97745,39178	69639		9,51952,89558	7,06238	10,48047,10442	50	
	20	9,49704,65231	6,36495	9,97744,69528	69650		9,51959,95703	7,06145	10,48040,04297	40	
	30	9,49711,01622	6,36391	9,97743,99866	69662		9,51967,01756	7,06053	10,48032,98244	30	
	40	9,49717,37910	6,36288	9,97743,30193	69673		9,51974,07717	7,05961	10,48025,92283	20	
	50	9,49723,74095	6,36185	9,97742,60509	69684		9,51981,13586	7,05869	10,48018,86414	10	
19	0	9,49730,10176	6,36081	9,97741,90813	69696		9,51988,19363	7,05777	10,48011,80637	0	41
	10	9,49736,46154	6,35978	9,97741,21106	69707		9,51995,25048	7,05685	10,48004,74952	50	
	20	9,49742,82028	6,35874	9,97740,51388	69718		9,52002,30640	7,05592	10,47997,69360	40	
	30	9,49749,17799	6,35771	9,97739,81658	69730		9,52009,36141	7,05501	10,47990,63859	30	
	40	9,49755,53467	6,35668	9,97739,11917	69741		9,52016,41550	7,05409	10,47983,58450	20	
	50	9,49761,89032	6,35565	9,97738,42165	69752		9,52023,46867	7,05317	10,47976,53133	10	
20	0	9,49768,24494	6,35462	9,97737,72401	69764		9,52030,52092	7,05225	10,47969,47908	0	40
		Sin. Comple.	6,35358	SINVVM	69775		Tang. compl.	7,05133	TANGEN.	S	M

18		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
20	0	9,49768,24494		9,97737,72401			9,52030,52092		10,47969,47908	0	40
	10	9,49774,59852	6,35358	9,97737,02626	69775		9,52037,57225	7,05133	10,47962,42775	50	
	20	9,49780,95107	6,35255	9,97736,32840	69786		9,52044,62267	7,05042	10,47955,37733	40	
	30	9,49787,30259	6,35152	9,97735,63042	69798		9,52051,67217	7,04950	10,47948,32783	30	
	40	9,49793,65308	6,35049	9,97734,93234	69808		9,52058,72075	7,04858	10,47941,27925	20	
	50	9,49800,00254	6,34946	9,97734,23413	69821		9,52065,76841	7,04766	10,47934,23159	10	
21	0	9,49806,35097	6,34843	9,97733,53582	69831		9,52072,81515	7,04674	10,47927,18485	0	39
	10	9,49812,69837	6,34740	9,97732,83739	69843		9,52079,86098	7,04583	10,47920,13902	50	
	20	9,49819,04474	6,34637	9,97732,13884	69855		9,52086,90589	7,04491	10,47913,09411	40	
	30	9,49825,39008	6,34534	9,97731,44019	69865		9,52093,94989	7,04400	10,47906,05011	30	
	40	9,49831,73439	6,34431	9,97730,74142	69877		9,52100,99297	7,04308	10,47899,00703	20	
	50	9,49838,07767	6,34328	9,97730,04254	69888		9,52108,03513	7,04216	10,47891,96487	10	
22	0	9,49844,41992	6,34225	9,97729,34354	69900		9,52115,07638	7,04125	10,47884,92362	0	38
	10	9,49850,76115	6,34123	9,97728,64443	69911		9,52122,11672	7,04034	10,47877,88328	50	
	20	9,49857,10135	6,34020	9,97727,94521	69922		9,52129,15614	7,03942	10,47870,84386	40	
	30	9,49863,44052	6,33917	9,97727,24587	69934		9,52136,19465	7,03851	10,47863,80535	30	
	40	9,49869,77866	6,33814	9,97726,54642	69945		9,52143,23224	7,03759	10,47856,76776	20	
	50	9,49876,11578	6,33712	9,97725,84686	69956		9,52150,26892	7,03668	10,47849,73108	10	
23	0	9,49882,45187	6,33609	9,97725,14718	69968		9,52157,30468	7,03576	10,47842,69532	0	37
	10	9,49888,78693	6,33506	9,97724,44739	69979		9,52164,33954	7,03486	10,47835,66046	50	
	20	9,49895,12097	6,33404	9,97723,74749	69990		9,52171,37348	7,03394	10,47828,62652	40	
	30	9,49901,45398	6,33301	9,97723,04747	70002		9,52178,40650	7,03302	10,47821,59350	30	
	40	9,49907,78597	6,33199	9,97722,34734	70013		9,52185,43862	7,03212	10,47814,56138	20	
	50	9,49914,11693	6,33096	9,97722,64710	70024		9,52192,46982	7,03120	10,47807,53018	10	
24	0	9,49920,44686	6,32993	9,97720,94675	70035		9,52199,50012	7,03030	10,47800,49988	0	36
	10	9,49926,77577	6,32891	9,97720,24628	70047		9,52206,52950	7,02938	10,47793,47050	50	
	20	9,49933,10366	6,32789	9,97719,54569	70059		9,52213,55797	7,02847	10,47786,44203	40	
	30	9,49939,43052	6,32686	9,97718,84500	70069		9,52220,58553	7,02756	10,47779,41447	30	
	40	9,49945,75636	6,32584	9,97718,14419	70081		9,52227,61218	7,02665	10,47772,38782	20	
	50	9,49952,08118	6,32482	9,97717,44326	70093		9,52234,63792	7,02574	10,47765,36208	10	
25	0	9,49958,40497	6,32379	9,97716,74223	70103		9,52241,66275	7,02483	10,47758,33725	0	35
	10	9,49964,72775	6,32278	9,97716,04108	70115		9,52248,68667	7,02392	10,47751,31333	50	
	20	9,49971,04949	6,32174	9,97715,33981	70127		9,52255,70968	7,02301	10,47744,29032	40	
	30	9,49977,37022	6,32073	9,97714,63844	70137		9,52262,73178	7,02210	10,47737,26822	30	
	40	9,49983,68992	6,31970	9,97713,93695	70149		9,52269,75298	7,02120	10,47730,24702	20	
	50	9,49990,00861	6,31869	9,97713,23534	70161		9,52276,77326	7,02028	10,47723,22674	10	
26	0	9,49996,32627	6,31766	9,97712,53363	70171		9,52283,79264	7,01938	10,47716,20736	0	34
	10	9,50002,64291	6,31664	9,97711,83180	70183		9,52290,81111	7,01847	10,47709,18889	50	
	20	9,50008,95853	6,31562	9,97711,12985	70195		9,52297,82868	7,01757	10,47702,17132	40	
	30	9,50015,27313	6,31460	9,97710,42779	70206		9,52304,84533	7,01665	10,47695,15467	30	
	40	9,50021,58671	6,31358	9,97709,72562	70217		9,52311,86108	7,01575	10,47688,13892	20	
	50	9,50027,89927	6,31256	9,97709,02334	70228		9,52318,87593	7,01485	10,47681,12407	10	
27	0	9,50034,21081	6,31154	9,97708,32094	70240		9,52325,88986	7,01393	10,47674,11014	0	33
	10	9,50040,52133	6,31052	9,97707,61843	70251		9,52332,90290	7,01304	10,47667,09710	50	
	20	9,50046,83083	6,30950	9,97706,91581	70262		9,52339,91502	7,01212	10,47660,08498	40	
	30	9,50053,13931	6,30848	9,97706,21307	70274		9,52346,92624	7,01122	10,47653,07376	30	
	40	9,50059,44678	6,30747	9,97705,51022	70285		9,52353,93656	7,01032	10,47646,06344	20	
	50	9,50065,75323	6,30645	9,97704,80725	70297		9,52360,94597	7,00941	10,47639,05403	10	
28	0	9,50072,05866	6,30543	9,97704,10417	70308		9,52367,95448	7,00851	10,47632,04552	0	32
	10	9,50078,36307	6,30441	9,97703,40098	70319		9,52374,96208	7,00760	10,47625,03792	50	
	20	9,50084,66646	6,30339	9,97702,69768	70330		9,52381,96878	7,00670	10,47618,03122	40	
	30	9,50090,96884	6,30238	9,97701,99426	70342		9,52388,97458	7,00580	10,47611,02542	30	
	40	9,50097,27020	6,30136	9,97701,29073	70353		9,52395,97948	7,00490	10,47604,02052	20	
	50	9,50103,57055	6,30035	9,97700,58708	70365		9,52402,98347	7,00399	10,47597,01653	10	
29	0	9,50109,86988	6,29933	9,97699,88332	70376		9,52409,98656	7,00309	10,47590,01344	0	31
	10	9,50116,16819	6,29831	9,97699,17945	70387		9,52416,98874	7,00218	10,47583,01126	50	
	20	9,50122,46549	6,29730	9,97698,47546	70399		9,52423,99003	7,00129	10,47576,00997	40	
	30	9,50128,76177	6,29628	9,97697,77136	70410		9,52430,99041	7,00038	10,47569,00959	30	
	40	9,50135,05704	6,29527	9,97697,06715	70421		9,52437,98989	6,99948	10,47562,01011	20	
	50	9,50141,35130	6,29426	9,97696,36282	70433		9,52444,98847	6,99858	10,47555,01153	10	
30	0	9,50147,64454	6,29324	9,97695,65838	70444		9,52451,98615	6,99768	10,47548,01385	0	30
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

18		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
30	0	9,50147,64454		9,97695,65838		9,52451,98615		10,47548,01385	0	30
	10	9,50153,93676	6,29222	9,97694,95383	70455	9,52458,98293	6,99678	10,47541,01707	50	
	20	9,50160,22798	6,29122	9,97694,24916	70467	9,52465,97881	6,99588	10,47534,02119	40	
	30	9,50166,51817	6,29019	9,97693,54438	70478	9,52472,97379	6,99498	10,47527,02621	30	
	40	9,50172,80736	6,28919	9,97692,83949	70489	9,52479,96787	6,99408	10,47520,03213	20	
	50	9,50179,09553	6,28817	9,97692,13448	70501	9,52486,96105	6,99318	10,47513,03895	10	
31	0	9,50185,38270	6,28717	9,97691,42936	70512	9,52493,95334	6,99229	10,47506,04666	0	29
	10	9,50191,66885	6,28615	9,97690,72412	70524	9,52500,94472	6,99138	10,47499,05528	50	
	20	9,50197,95398	6,28513	9,97690,01878	70534	9,52507,93521	6,99049	10,47492,06479	40	
	30	9,50204,23811	6,28413	9,97689,31331	70547	9,52514,92479	6,98958	10,47485,07521	30	
	40	9,50210,52122	6,28311	9,97688,60774	70557	9,52521,91348	6,98869	10,47478,08652	20	
	50	9,50216,80333	6,28211	9,97687,90205	70569	9,52528,90128	6,98780	10,47471,09872	10	
32	0	9,50223,08442	6,28109	9,97687,19625	70580	9,52535,88817	6,98689	10,47464,11183	0	28
	10	9,50229,36450	6,28008	9,97686,49033	70592	9,52542,87417	6,98600	10,47457,12583	50	
	20	9,50235,64358	6,27908	9,97685,78430	70603	9,52549,85927	6,98510	10,47450,14073	40	
	30	9,50241,92164	6,27806	9,97685,07816	70614	9,52556,84348	6,98421	10,47443,15652	30	
	40	9,50248,19869	6,27705	9,97684,37190	70626	9,52563,82679	6,98331	10,47436,17321	20	
	50	9,50254,47474	6,27605	9,97683,66553	70637	9,52570,80920	6,98241	10,47429,19080	10	
33	0	9,50260,74977	6,27503	9,97682,95905	70648	9,52577,79072	6,98152	10,47422,20928	0	27
	10	9,50267,02380	6,27403	9,97682,25245	70660	9,52584,77135	6,98063	10,47415,22865	50	
	20	9,50273,29682	6,27302	9,97681,54574	70671	9,52591,75108	6,97973	10,47408,24892	40	
	30	9,50279,56883	6,27201	9,97680,83892	70682	9,52598,72991	6,97883	10,47401,27009	30	
	40	9,50285,83983	6,27100	9,97680,13198	70694	9,52605,70785	6,97794	10,47394,29215	20	
	50	9,50292,10983	6,27000	9,97679,42493	70705	9,52612,68490	6,97705	10,47387,31510	10	
34	0	9,50298,37881	6,26898	9,97678,71776	70717	9,52619,66105	6,97615	10,47380,33895	0	26
	10	9,50304,64679	6,26798	9,97678,01048	70728	9,52626,63631	6,97526	10,47373,36369	50	
	20	9,50310,91377	6,26698	9,97677,30309	70739	9,52633,61068	6,97437	10,47366,38932	40	
	30	9,50317,17974	6,26597	9,97676,59558	70751	9,52640,58415	6,97347	10,47359,41585	30	
	40	9,50323,44470	6,26496	9,97675,88796	70762	9,52647,55674	6,97259	10,47352,44326	20	
	50	9,50329,70866	6,26396	9,97675,18023	70773	9,52654,52843	6,97169	10,47345,47157	10	
35	0	9,50335,97161	6,26295	9,97674,47238	70785	9,52661,49922	6,97079	10,47338,50078	0	25
	10	9,50342,23355	6,26194	9,97673,76442	70796	9,52668,46913	6,96991	10,47331,53087	50	
	20	9,50348,49450	6,26095	9,97673,05635	70807	9,52675,43815	6,96902	10,47324,56185	40	
	30	9,50354,75443	6,25993	9,97672,34816	70819	9,52682,40627	6,96812	10,47317,59373	30	
	40	9,50361,01337	6,25894	9,97671,63986	70830	9,52689,37351	6,96724	10,47310,62649	20	
	50	9,50367,27129	6,25792	9,97670,93145	70841	9,52696,33985	6,96634	10,47303,66015	10	
36	0	9,50373,52822	6,25693	9,97670,22292	70853	9,52703,30530	6,96545	10,47296,69470	0	24
	10	9,50379,78414	6,25592	9,97669,51427	70865	9,52710,26987	6,96457	10,47289,73013	50	
	20	9,50386,03906	6,25492	9,97668,80552	70875	9,52717,23354	6,96367	10,47282,76646	40	
	30	9,50392,29298	6,25392	9,97668,09665	70887	9,52724,19633	6,96279	10,47275,80367	30	
	40	9,50398,54589	6,25291	9,97667,38767	70898	9,52731,15822	6,96189	10,47268,84178	20	
	50	9,50404,79780	6,25191	9,97666,67857	70910	9,52738,11923	6,96101	10,47261,88077	10	
37	0	9,50411,04871	6,25091	9,97665,96936	70921	9,52745,07935	6,96012	10,47254,92065	0	23
	10	9,50417,29862	6,24991	9,97665,26003	70933	9,52752,03858	6,95923	10,47247,96142	50	
	20	9,50423,54752	6,24890	9,97664,55060	70943	9,52758,99693	6,95835	10,47241,00307	40	
	30	9,50429,79543	6,24791	9,97663,84105	70955	9,52765,95438	6,95745	10,47234,04562	30	
	40	9,50436,04233	6,24690	9,97663,13138	70967	9,52772,91095	6,95657	10,47227,08905	20	
	50	9,50442,28824	6,24591	9,97662,42160	70978	9,52779,86663	6,95568	10,47220,13337	10	
38	0	9,50448,53314	6,24490	9,97661,71171	70989	9,52786,82143	6,95480	10,47213,17857	0	22
	10	9,50454,77704	6,24390	9,97661,00170	71001	9,52793,77534	6,95391	10,47206,22466	50	
	20	9,50461,01995	6,24291	9,97660,29158	71012	9,52800,72836	6,95302	10,47199,27164	40	
	30	9,50467,26185	6,24190	9,97659,58135	71023	9,52807,68050	6,95214	10,47192,31950	30	
	40	9,50473,50276	6,24091	9,97658,87100	71035	9,52814,63176	6,95126	10,47185,36824	20	
	50	9,50479,74266	6,23990	9,97658,16054	71046	9,52821,58212	6,95036	10,47178,41788	10	
39	0	9,50485,98157	6,23891	9,97657,44997	71057	9,52828,53161	6,94949	10,47171,46839	0	21
	10	9,50492,21948	6,23791	9,97656,73928	71069	9,52835,48021	6,94860	10,47164,51979	50	
	20	9,50498,45640	6,23692	9,97656,02848	71080	9,52842,42792	6,94771	10,47157,57208	40	
	30	9,50504,69231	6,23591	9,97655,31756	71092	9,52849,37475	6,94683	10,47150,62525	30	
	40	9,50510,92723	6,23492	9,97654,60653	71103	9,52856,32070	6,94595	10,47143,67930	20	
	50	9,50517,16115	6,23392	9,97653,89539	71114	9,52863,26576	6,94506	10,47136,73424	10	
40	0	9,50523,39407	6,23292	9,97653,18413	71126	9,52870,20994	6,94418	10,47129,79006	0	20
		Sin. Comple.	6,23193	SINVVM	71137	Tang. compl.	6,94330	TANGEN.	S	M

18		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	commu- nes.	Logarithmi.		
40	0	9,50523,39407		9,97653,18413			9,52870,20994		10,47129,79006	0	20
	10	9,50529,62600	6,23193	9,97652,47276	71137		9,52877,15324	6,94330	10,47122,84676	50	
	20	9,50535,85693	6,23093	9,97651,76127	71149		9,52884,09565	6,94241	10,47115,90435	40	
	30	9,50542,08686	6,22993	9,97651,04968	71159		9,52891,03719	6,94154	10,47108,96281	30	
	40	9,50548,31580	6,22894	9,97650,33796	71172		9,52897,97784	6,94065	10,47102,02216	20	
	50	9,50554,54375	6,22795	9,97649,62614	71182		9,52904,91761	6,93977	10,47095,08239	10	
41	0	9,50560,77070	6,22695	9,97648,91420	71194		9,52911,85650	6,93889	10,47088,14350	0	19
	10	9,50566,99665	6,22595	9,97648,20215	71205		9,52918,79450	6,93800	10,47081,20550	50	
	20	9,50573,22161	6,22496	9,97647,48998	71217		9,52925,73163	6,93713	10,47074,26837	40	
	30	9,50579,44558	6,22397	9,97646,77770	71228		9,52932,66788	6,93625	10,47067,33212	30	
	40	9,50585,66855	6,22297	9,97646,06530	71240		9,52939,60324	6,93536	10,47060,39676	20	
	50	9,50591,89053	6,22198	9,97645,35280	71250		9,52946,53773	6,93449	10,47053,46227	10	
42	0	9,50598,11151	6,22098	9,97644,64017	71263		9,52953,47134	6,93361	10,47046,52866	0	18
	10	9,50604,33150	6,21999	9,97643,92744	71273		9,52960,40406	6,93272	10,47039,59594	50	
	20	9,50610,55050	6,21900	9,97643,21459	71285		9,52967,33591	6,93185	10,47032,66409	40	
	30	9,50616,76851	6,21801	9,97642,50162	71297		9,52974,26688	6,93097	10,47025,73312	30	
	40	9,50622,98552	6,21701	9,97641,78855	71307		9,52981,19697	6,93009	10,47018,80303	20	
	50	9,50629,20154	6,21602	9,97641,07536	71319		9,52988,12619	6,92922	10,47011,87381	10	
43	0	9,50635,41657	6,21503	9,97640,36205	71331		9,52995,05452	6,92833	10,47004,94548	0	17
	10	9,50641,63061	6,21404	9,97639,64863	71342		9,53001,98198	6,92746	10,46998,01802	50	
	20	9,50647,84366	6,21305	9,97638,93510	71353		9,53008,90856	6,92658	10,46991,09144	40	
	30	9,50654,05572	6,21206	9,97638,22146	71364		9,53015,83426	6,92570	10,46984,16574	30	
	40	9,50660,26679	6,21107	9,97637,50770	71376		9,53022,75909	6,92483	10,46977,24091	20	
	50	9,50666,47686	6,21007	9,97636,79382	71388		9,53029,68304	6,92395	10,46970,31696	10	
44	0	9,50672,68595	6,20909	9,97636,07983	71399		9,53036,60612	6,92308	10,46963,39388	0	16
	10	9,50678,89405	6,20810	9,97635,36573	71410		9,53043,52831	6,92219	10,46956,47169	50	
	20	9,50685,10115	6,20710	9,97634,65152	71421		9,53050,44964	6,92133	10,46949,55036	40	
	30	9,50691,30727	6,20612	9,97633,93719	71433		9,53057,37008	6,92044	10,46942,62992	30	
	40	9,50697,51240	6,20513	9,97633,22275	71444		9,53064,28966	6,91958	10,46935,71034	20	
	50	9,50703,71654	6,20414	9,97632,50819	71456		9,53071,20836	6,91870	10,46928,79164	10	
45	0	9,50709,91970	6,20316	9,97631,79352	71467		9,53078,12618	6,91782	10,46921,87382	0	15
	10	9,50716,12186	6,20216	9,97631,07873	71479		9,53085,04313	6,91695	10,46914,95687	50	
	20	9,50722,32304	6,20118	9,97630,36384	71489		9,53091,95920	6,91607	10,46908,04080	40	
	30	9,50728,52323	6,20019	9,97629,64882	71502		9,53098,87441	6,91521	10,46901,12559	30	
	40	9,50734,72243	6,19920	9,97628,93370	71512		9,53105,78874	6,91433	10,46894,21126	20	
	50	9,50740,92065	6,19822	9,97628,21846	71524		9,53112,70219	6,91345	10,46887,29781	10	
46	0	9,50747,11788	6,19723	9,97627,50310	71536		9,53119,61477	6,91258	10,46880,38523	0	14
	10	9,50753,31412	6,19624	9,97626,78764	71546		9,53126,52649	6,91172	10,46873,47351	50	
	20	9,50759,50938	6,19526	9,97626,07206	71558		9,53133,43732	6,91083	10,46866,56268	40	
	30	9,50765,70365	6,19427	9,97625,35636	71570		9,53140,34729	6,90997	10,46859,65271	30	
	40	9,50771,89694	6,19329	9,97624,64055	71581		9,53147,25639	6,90910	10,46852,74361	20	
	50	9,50778,08924	6,19230	9,97623,92463	71592		9,53154,16461	6,90822	10,46845,83539	10	
47	0	9,50784,28056	6,19132	9,97623,20859	71604		9,53161,07196	6,90735	10,46838,92804	0	13
	10	9,50790,47089	6,19033	9,97622,49244	71615		9,53167,97845	6,90649	10,46832,02155	50	
	20	9,50796,66024	6,18935	9,97621,77618	71626		9,53174,88406	6,90561	10,46825,11594	40	
	30	9,50802,84860	6,18836	9,97621,05980	71638		9,53181,78880	6,90474	10,46818,21120	30	
	40	9,50809,03598	6,18738	9,97620,34331	71649		9,53188,69267	6,90387	10,46811,30733	20	
	50	9,50815,22238	6,18640	9,97619,62670	71661		9,53195,59568	6,90301	10,46804,40432	10	
48	0	9,50821,40779	6,18541	9,97618,90998	71672		9,53202,49781	6,90213	10,46797,50219	0	12
	10	9,50827,59222	6,18443	9,97618,19315	71683		9,53209,39907	6,90126	10,46790,60093	50	
	20	9,50833,77567	6,18345	9,97617,47620	71695		9,53216,29947	6,90040	10,46783,70053	40	
	30	9,50839,95813	6,18246	9,97616,75914	71706		9,53223,19900	6,89953	10,46776,80100	30	
	40	9,50846,13961	6,18148	9,97616,04196	71718		9,53230,09766	6,89866	10,46769,90234	20	
	50	9,50852,32012	6,18051	9,97615,32467	71729		9,53236,99545	6,89779	10,46763,00455	10	
49	0	9,50858,49964	6,17952	9,97614,60727	71740		9,53243,89237	6,89692	10,46756,10763	0	11
	10	9,50864,67817	6,17853	9,97613,88975	71752		9,53250,78843	6,89606	10,46749,21157	50	
	20	9,50870,85573	6,17756	9,97613,17212	71763		9,53257,68362	6,89519	10,46742,31638	40	
	30	9,50877,03231	6,17658	9,97612,45437	71775		9,53264,57794	6,89432	10,46735,42206	30	
	40	9,50883,20791	6,17560	9,97611,73651	71786		9,53271,47139	6,89345	10,46728,52861	20	
	50	9,50889,38252	6,17461	9,97611,01854	71797		9,53278,36398	6,89259	10,46721,63602	10	
50	0	9,50895,55616	6,17364	9,97610,30045	71809		9,53285,25571	6,89173	10,46714,74429	0	10
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

18		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
50	0	9,50895,55616		9,97610,30045			9,53285,25571		10,46714,74429	0	10
	10	9,50901,72882	6,17266	9,97609,58225	71820		9,53292,14657	6,89086	10,46707,85343	50	
	20	9,50907,90050	6,17168	9,97608,86393	71832		9,53299,03656	6,88999	10,46700,96344	40	
	30	9,50914,07119	6,17069	9,97608,14551	71842		9,53305,92569	6,88913	10,46694,07431	30	
	40	9,50920,24091	6,16972	9,97607,42696	71855		9,53312,81395	6,88826	10,46687,18605	20	
	50	9,50926,40966	6,16875	9,97606,70830	71866		9,53319,70135	6,88740	10,46680,29865	10	
51	0	9,50932,57742	6,16776	9,97605,98953	71877		9,53326,58789	6,88654	10,46673,41211	0	9
	10	9,50938,74421	6,16679	9,97605,27065	71888		9,53333,47356	6,88567	10,46666,52644	50	
	20	9,50944,91001	6,16580	9,97604,55165	71900		9,53340,35837	6,88481	10,46659,64163	40	
	30	9,50951,07485	6,16484	9,97603,83254	71911		9,53347,24231	6,88394	10,46652,75769	30	
	40	9,50957,23870	6,16385	9,97603,11331	71923		9,53354,12539	6,88308	10,46645,87461	20	
	50	9,50963,40158	6,16288	9,97602,39397	71934		9,53361,00761	6,88222	10,46638,99239	10	
52	0	9,50969,56348	6,16190	9,97601,67451	71946		9,53367,88896	6,88135	10,46632,11104	0	8
	10	9,50975,72440	6,16092	9,97600,95494	71957		9,53374,76946	6,88050	10,46625,23054	50	
	20	9,50981,88435	6,15995	9,97600,23526	71968		9,53381,64909	6,87963	10,46618,35091	40	
	30	9,50988,04332	6,15897	9,97599,51546	71980		9,53388,52786	6,87877	10,46611,47214	30	
	40	9,50994,20132	6,15800	9,97598,79555	71991		9,53395,40577	6,87791	10,46604,59423	20	
	50	9,51000,35834	6,15702	9,97598,07553	72002		9,53402,28282	6,87705	10,46597,71718	10	
53	0	9,51006,51439	6,15605	9,97597,35539	72014		9,53409,15900	6,87618	10,46590,84100	0	7
	10	9,51012,66946	6,15507	9,97597,63514	72025		9,53416,03433	6,87533	10,46583,96567	50	
	20	9,51018,82356	6,15410	9,97595,91477	72037		9,53422,90879	6,87446	10,46577,09121	40	
	30	9,51024,97669	6,15313	9,97595,19429	72048		9,53429,78240	6,87361	10,46570,21760	30	
	40	9,51031,12884	6,15215	9,97594,47369	72060		9,53436,65515	6,87275	10,46563,34485	20	
	50	9,51037,28002	6,15118	9,97593,75298	72071		9,53443,52703	6,87188	10,46556,47297	10	
54	0	9,51043,43022	6,15020	9,97593,03216	72082		9,53450,39806	6,87103	10,46549,60194	0	6
	10	9,51049,57945	6,14923	9,97592,31122	72094		9,53457,26823	6,87017	10,46542,73177	50	
	20	9,51055,72771	6,14826	9,97591,59017	72105		9,53464,13754	6,86931	10,46535,86246	40	
	30	9,51061,87500	6,14729	9,97590,86901	72116		9,53471,00599	6,86845	10,46528,99401	30	
	40	9,51068,02131	6,14631	9,97590,14773	72128		9,53477,87359	6,86760	10,46522,12641	20	
	50	9,51074,16665	6,14534	9,97589,42633	72140		9,53484,74032	6,86673	10,46515,25968	10	
55	0	9,51080,31103	6,14438	9,97588,70483	72150		9,53491,60620	6,86588	10,46508,39380	0	5
	10	9,51086,45443	6,14340	9,97587,98320	72163		9,53498,47122	6,86502	10,46501,52878	50	
	20	9,51092,59686	6,14243	9,97587,26147	72173		9,53505,33539	6,86417	10,46494,66461	40	
	30	9,51098,73831	6,14145	9,97586,53962	72185		9,53512,19870	6,86331	10,46487,80130	30	
	40	9,51104,87880	6,14049	9,97585,81765	72197		9,53519,06115	6,86245	10,46480,93885	20	
	50	9,51111,01832	6,13952	9,97585,09558	72207		9,53525,92274	6,86159	10,46474,07726	10	
56	0	9,51117,15687	6,13855	9,97584,37338	72220		9,53532,78348	6,86074	10,46467,21652	0	4
	10	9,51123,29445	6,13758	9,97583,65108	72230		9,53539,64337	6,85989	10,46460,35663	50	
	20	9,51129,43105	6,13660	9,97582,92866	72242		9,53546,50240	6,85903	10,46453,49760	40	
	30	9,51135,56669	6,13564	9,97582,20612	72254		9,53553,36057	6,85817	10,46446,63943	30	
	40	9,51141,70137	6,13468	9,97581,48347	72265		9,53560,21789	6,85732	10,46439,78211	20	
	50	9,51147,83507	6,13370	9,97580,76071	72276		9,53567,07436	6,85647	10,46432,92564	10	
57	0	9,51153,96780	6,13273	9,97580,03784	72287		9,53573,92997	6,85561	10,46426,07003	0	3
	10	9,51159,10137	6,13177	9,97579,31484	72300		9,53580,78472	6,85475	10,46419,21528	50	
	20	9,51166,23037	6,13080	9,97578,59174	72310		9,53587,63863	6,85391	10,46412,36137	40	
	30	9,51172,36020	6,12983	9,97577,86852	72322		9,53594,49168	6,85305	10,46405,50832	30	
	40	9,51178,48906	6,12886	9,97577,14519	72333		9,53601,34388	6,85220	10,46398,65612	20	
	50	9,51184,61696	6,12790	9,97576,42174	72345		9,53608,19522	6,85134	10,46391,80478	10	
58	0	9,51190,74389	6,12693	9,97575,69818	72356		9,53615,04571	6,85049	10,46384,95429	0	2
	10	9,51196,86986	6,12597	9,97574,97450	72368		9,53621,89535	6,84964	10,46378,10465	50	
	20	9,51202,99485	6,12499	9,97574,25071	72379		9,53628,74414	6,84879	10,46371,25586	40	
	30	9,51209,11889	6,12404	9,97573,52681	72390		9,53635,59208	6,84794	10,46364,40792	30	
	40	9,51215,24195	6,12306	9,97572,80279	72402		9,53642,43916	6,84708	10,46357,56084	20	
	50	9,51221,36406	6,12211	9,97572,07866	72413		9,53649,28540	6,84624	10,46350,71460	10	
59	0	9,51227,48519	6,12113	9,97571,35441	72425		9,53656,13078	6,84538	10,46343,86922	0	1
	10	9,51233,60536	6,12017	9,97570,63005	72436		9,53662,97531	6,84453	10,46337,02469	50	
	20	9,51239,72457	6,11921	9,97569,90558	72447		9,53669,81899	6,84368	10,46330,18101	40	
	30	9,51245,84282	6,11825	9,97569,18099	72459		9,53676,66183	6,84284	10,46323,33817	30	
	40	9,51251,96010	6,11728	9,97568,45629	72470		9,53683,50381	6,84198	10,46316,49619	20	
	50	9,51258,07641	6,11631	9,97567,73147	72482		9,53690,34494	6,84113	10,46309,65506	10	
60	0	9,51264,19177	6,11536	9,97567,00654	72493		9,53697,18523	6,84029	10,46302,81477	0	0
		Sin. Comple.	6,11439	SINVVM	72505		Tang. compl.	6,83943	TANGEN.	S	M

19		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	9,51264,19177		9,97567,00654		9,53697,18523		10,46302,81477	0	60
1	10	9,51270,30616	6,11439	9,97566,28149	72505	9,53704,02466	6,83943	10,46295,97534	50	59
	20	9,51276,41958	6,11342	9,97565,55633	72516	9,53710,86325	6,83859	10,46289,13675	40	
	30	9,51282,53205	6,11247	9,97564,83106	72527	9,53717,70099	6,83774	10,46282,29901	30	
	40	9,51288,64355	6,11150	9,97564,10567	72539	9,53724,53788	6,83689	10,46275,46212	20	
	50	9,51294,75409	6,11054	9,97563,38017	72550	9,53731,37392	6,83604	10,46268,62608	10	
	0	9,51300,86367	6,10958	9,97562,65455	72562	9,53738,20912	6,83520	10,46261,79088	0	
2	10	9,51306,97229	6,10862	9,97561,92882	72573	9,53745,04346	6,83434	10,46254,95654	50	58
	20	9,51313,07994	6,10765	9,97561,20298	72584	9,53751,87696	6,83350	10,46248,12304	40	
	30	9,51319,18664	6,10670	9,97560,47702	72596	9,53758,70962	6,83266	10,46241,29038	30	
	40	9,51325,29237	6,10573	9,97559,75095	72607	9,53765,54143	6,83181	10,46234,45857	20	
	50	9,51331,39715	6,10478	9,97559,02476	72619	9,53772,37239	6,83096	10,46227,62761	10	
	0	9,51337,50096	6,10381	9,97558,29846	72630	9,53779,20250	6,83011	10,46220,79750	0	
3	10	9,51343,60381	6,10285	9,97557,57204	72642	9,53786,03177	6,82927	10,46213,96823	50	57
	20	9,51349,70571	6,10190	9,97556,84551	72653	9,53792,86020	6,82843	10,46207,13980	40	
	30	9,51355,80664	6,10093	9,97556,11887	72664	9,53799,68778	6,82758	10,46200,31222	30	
	40	9,51361,90662	6,09998	9,97555,39211	72676	9,53806,51451	6,82673	10,46193,48549	20	
	50	9,51368,00564	6,09902	9,97555,66523	72688	9,53813,34040	6,82589	10,46186,65960	10	
	0	9,51374,10370	6,09806	9,97554,93825	72698	9,53820,16545	6,82505	10,46179,83455	0	
4	10	9,51380,20080	6,09710	9,97553,21115	72710	9,53826,98965	6,82420	10,46173,01035	50	56
	20	9,51386,29694	6,09614	9,97552,48393	72722	9,53833,81301	6,82336	10,46166,18699	40	
	30	9,51392,39213	6,09519	9,97551,75660	72733	9,53840,63553	6,82252	10,46159,36447	30	
	40	9,51398,48636	6,09423	9,97551,02916	72744	9,53847,45720	6,82167	10,46152,54280	20	
	50	9,51404,57963	6,09327	9,97550,30160	72756	9,53854,27803	6,82083	10,46145,72197	10	
	0	9,51410,67194	6,09231	9,97549,57393	72767	9,53861,09802	6,81999	10,46138,90198	0	
5	10	9,51416,76330	6,09136	9,97548,84614	72779	9,53867,91716	6,81914	10,46132,08284	50	55
	20	9,51422,85370	6,09040	9,97548,11824	72790	9,53874,73546	6,81830	10,46125,26454	40	
	30	9,51428,94315	6,08945	9,97547,39022	72802	9,53881,55293	6,81747	10,46118,44707	30	
	40	9,51435,03164	6,08849	9,97546,66209	72813	9,53888,36954	6,81661	10,46111,63046	20	
	50	9,51441,11917	6,08753	9,97545,93385	72824	9,53895,18532	6,81578	10,46104,81468	10	
	0	9,51447,20575	6,08658	9,97545,20549	72836	9,53902,00026	6,81494	10,46097,99974	0	
6	10	9,51453,29137	6,08562	9,97544,47702	72847	9,53908,81436	6,81410	10,46091,18564	50	54
	20	9,51459,37604	6,08467	9,97544,7702	72859	9,53915,62761	6,81325	10,46084,37239	40	
	30	9,51465,45976	6,08372	9,97543,01973	72870	9,53922,44003	6,81242	10,46077,55997	30	
	40	9,51471,54252	6,08276	9,97542,29091	72882	9,53929,25160	6,81157	10,46070,74840	20	
	50	9,51477,62432	6,08180	9,97541,56198	72893	9,53936,06234	6,81074	10,46063,93766	10	
	0	9,51483,70518	6,08086	9,97540,83294	72904	9,53942,87224	6,80990	10,46057,12776	0	
7	10	9,51489,78508	6,07990	9,97540,10378	72916	9,53949,68130	6,80906	10,46050,31870	50	53
	20	9,51495,86402	6,07894	9,97539,37451	72927	9,53956,48952	6,80822	10,46043,51048	40	
	30	9,51501,94202	6,07800	9,97538,64512	72939	9,53963,29690	6,80738	10,46036,70310	30	
	40	9,51508,01906	6,07704	9,97537,91562	72950	9,53970,10344	6,80654	10,46029,89656	20	
	50	9,51514,09515	6,07609	9,97537,18600	72962	9,53976,90914	6,80570	10,46023,09086	10	
	0	9,51520,17028	6,07513	9,97536,45627	72973	9,53983,71401	6,80487	10,46016,28599	0	
8	10	9,51526,24447	6,07419	9,97535,72643	72984	9,53990,51804	6,80403	10,46009,48196	50	52
	20	9,51532,31770	6,07323	9,97534,99647	72996	9,53997,32123	6,80319	10,46002,67877	40	
	30	9,51538,38998	6,07228	9,97534,26640	73007	9,54004,12359	6,80236	10,45995,87641	30	
	40	9,51544,46132	6,07134	9,97533,53621	73019	9,54010,92511	6,80152	10,45989,07489	20	
	50	9,51550,53170	6,07038	9,97532,80591	73030	9,54017,72579	6,80068	10,45982,27421	10	
	0	9,51556,60113	6,06943	9,97532,07549	73042	9,54024,52564	6,79985	10,45975,47436	0	
9	10	9,51562,66961	6,06848	9,97531,34496	73053	9,54031,32465	6,79901	10,45968,67535	50	51
	20	9,51568,73714	6,06753	9,97530,61432	73064	9,54038,12282	6,79817	10,45961,87718	40	
	30	9,51574,80372	6,06658	9,97529,88356	73076	9,54044,92016	6,79734	10,45955,07984	30	
	40	9,51580,86935	6,06563	9,97529,15268	73088	9,54051,71667	6,79651	10,45948,28333	20	
	50	9,51586,93403	6,06468	9,97528,42169	73099	9,54058,51234	6,79567	10,45941,48766	10	
	0	9,51592,99776	6,06373	9,97527,69059	73110	9,54065,30717	6,79483	10,45934,69283	0	
10	10	9,51599,06055	6,06279	9,97526,95937	73122	9,54072,10117	6,79400	10,45927,89883	50	50
	20	9,51605,12238	6,06183	9,97526,22804	73133	9,54078,89434	6,79317	10,45921,10566	40	
	30	9,51611,18327	6,06089	9,97525,49660	73144	9,54085,68667	6,79233	10,45914,31333	30	
	40	9,51617,24321	6,05994	9,97524,76504	73156	9,54092,47818	6,79151	10,45907,52182	20	
	50	9,51623,30221	6,05900	9,97524,03336	73168	9,54099,26884	6,79066	10,45900,73116	10	
	0	9,51629,36025	6,05804	9,97523,30157	73179	9,54106,05868	6,78984	10,45893,94132	0	
		Sin. Comple.	6,05710	SINVVM	73190	Tang. compl.	6,78900	TANGEN.	S	M

19		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
10	0	9,51629,36025		9,97523,30157		9,54106,05868		10,45893,94132	0	50
	10	9,51635,41735	6,05710	9,97522,56967	73190	9,54112,84768	6,78900	10,45887,15232	50	
	20	9,51641,47350	6,05615	9,97521,83765	73202	9,54119,63585	6,78817	10,45880,36415	40	
	30	9,51647,52871	6,05521	9,97521,10552	73213	9,54126,42319	6,78734	10,45873,57681	30	
	40	9,51653,58297	6,05426	9,97520,37327	73225	9,54133,20969	6,78650	10,45866,79031	20	
	50	9,51659,63628	6,05331	9,97519,64091	73236	9,54139,99537	6,78568	10,45860,00463	10	
11	0	9,51665,68865	6,05237	9,97518,90844	73247	9,54146,78021	6,78484	10,45853,21979	0	49
	10	9,51671,74007	6,05142	9,97518,17585	73259	9,54153,56422	6,78401	10,45846,43578	50	
	20	9,51677,79055	6,05048	9,97517,44314	73271	9,54160,34740	6,78318	10,45839,65260	40	
	30	9,51683,84008	6,04953	9,97516,71032	73282	9,54167,12975	6,78235	10,45832,87025	30	
	40	9,51689,88867	6,04859	9,97515,97739	73293	9,54173,91127	6,78152	10,45826,08873	20	
	50	9,51695,93631	6,04764	9,97515,24434	73305	9,54180,69197	6,78070	10,45819,30803	10	
12	0	9,51701,98301	6,04670	9,97514,51118	73316	9,54187,47183	6,77986	10,45812,52817	0	48
	10	9,51708,02876	6,04575	9,97513,77791	73327	9,54194,25086	6,77903	10,45805,74914	50	
	20	9,51714,07358	6,04482	9,97513,04451	73340	9,54201,02906	6,77820	10,45798,97094	40	
	30	9,51720,11744	6,04386	9,97512,31101	73350	9,54207,80644	6,77738	10,45792,19356	30	
	40	9,51726,16037	6,04293	9,97511,57739	73362	9,54214,58298	6,77654	10,45785,41702	20	
	50	9,51732,20235	6,04198	9,97510,84365	73374	9,54221,35870	6,77572	10,45778,64130	10	
13	0	9,51738,24339	6,04104	9,97510,10981	73384	9,54228,13359	6,77489	10,45771,86641	0	47
	10	9,51744,28349	6,04010	9,97509,37584	73397	9,54234,90765	6,77406	10,45765,09235	50	
	20	9,51750,32265	6,03916	9,97508,64176	73408	9,54241,68088	6,77323	10,45758,31912	40	
	30	9,51756,36086	6,03821	9,97507,90757	73419	9,54248,45329	6,77241	10,45751,54671	30	
	40	9,51762,39813	6,03727	9,97507,17327	73430	9,54255,22487	6,77158	10,45744,77513	20	
	50	9,51768,43446	6,03633	9,97506,43884	73443	9,54261,99562	6,77075	10,45738,00438	10	
14	0	9,51774,46985	6,03539	9,97505,70431	73453	9,54268,76555	6,76993	10,45731,23445	0	46
	10	9,51780,50430	6,03445	9,97504,96966	73465	9,54275,53465	6,76910	10,45724,46535	50	
	20	9,51786,53781	6,03351	9,97504,23489	73477	9,54282,30292	6,76827	10,45717,69708	40	
	30	9,51792,57038	6,03257	9,97503,50001	73488	9,54289,07037	6,76745	10,45710,92963	30	
	40	9,51798,60201	6,03163	9,97502,76502	73499	9,54295,83699	6,76662	10,45704,16301	20	
	50	9,51804,63270	6,03069	9,97502,02991	73511	9,54302,60279	6,76580	10,45697,39721	10	
15	0	9,51810,66245	6,02975	9,97501,29469	73522	9,54309,36776	6,76497	10,45690,63224	0	45
	10	9,51816,69126	6,02881	9,97500,55935	73534	9,54316,13191	6,76415	10,45683,86809	50	
	20	9,51822,71914	6,02788	9,97499,82390	73545	9,54322,89524	6,76333	10,45677,10476	40	
	30	9,51828,74607	6,02693	9,97499,08833	73557	9,54329,65774	6,76250	10,45670,34226	30	
	40	9,51834,77206	6,02599	9,97498,35265	73568	9,54336,41941	6,76167	10,45663,58059	20	
	50	9,51840,79712	6,02506	9,97497,61686	73579	9,54343,18027	6,76086	10,45656,81973	10	
16	0	9,51846,82124	6,02412	9,97496,88095	73591	9,54349,94030	6,76003	10,45650,05970	0	44
	10	9,51852,84442	6,02318	9,97496,14492	73603	9,54356,69950	6,75920	10,45643,30050	50	
	20	9,51858,86667	6,02225	9,97495,40878	73614	9,54363,45789	6,75839	10,45636,54211	40	
	30	9,51864,88798	6,02131	9,97494,67253	73625	9,54370,21545	6,75756	10,45629,78455	30	
	40	9,51870,90835	6,02037	9,97493,93616	73637	9,54376,97219	6,75674	10,45623,02781	20	
	50	9,51876,92778	6,01943	9,97493,19968	73648	9,54383,72810	6,75591	10,45616,27190	10	
17	0	9,51882,94628	6,01850	9,97492,46308	73660	9,54390,48320	6,75510	10,45609,51680	0	43
	10	9,51888,96384	6,01756	9,97491,72637	73671	9,54397,23747	6,75427	10,45602,76253	50	
	20	9,51894,98047	6,01663	9,97490,98954	73683	9,54403,99093	6,75346	10,45596,00907	40	
	30	9,51900,99616	6,01569	9,97490,25260	73694	9,54410,74356	6,75263	10,45589,25644	30	
	40	9,51907,01091	6,01475	9,97489,51554	73706	9,54417,49537	6,75181	10,45582,50463	20	
	50	9,51913,02473	6,01382	9,97488,77837	73717	9,54424,24636	6,75099	10,45575,75364	10	
18	0	9,51919,03762	6,01289	9,97488,04109	73728	9,54430,99653	6,75017	10,45569,00347	0	42
	10	9,51925,04957	6,01195	9,97487,30369	73740	9,54437,74588	6,74935	10,45562,25412	50	
	20	9,51931,06059	6,01102	9,97486,56617	73752	9,54444,49441	6,74853	10,45555,50559	40	
	30	9,51937,07067	6,01008	9,97485,82855	73762	9,54451,24213	6,74772	10,45548,75787	30	
	40	9,51943,07982	6,00915	9,97485,09080	73775	9,54457,98902	6,74689	10,45542,01098	20	
	50	9,51949,08804	6,00822	9,97484,35294	73786	9,54464,73509	6,74607	10,45535,26491	10	
19	0	9,51955,09532	6,00728	9,97483,61497	73797	9,54471,48035	6,74526	10,45528,51965	0	41
	10	9,51961,10167	6,00635	9,97482,87688	73809	9,54478,22479	6,74444	10,45521,77521	50	
	20	9,51967,10709	6,00542	9,97482,13868	73820	9,54484,96841	6,74362	10,45515,03159	40	
	30	9,51973,11157	6,00448	9,97481,40037	73831	9,54491,71121	6,74280	10,45508,28879	30	
	40	9,51979,11513	6,00356	9,97480,66193	73844	9,54498,45319	6,74198	10,45501,54681	20	
	50	9,51985,11775	6,00262	9,97479,92339	73854	9,54505,19436	6,74117	10,45494,80564	10	
20	0	9,51991,11944	6,00169	9,97479,18473	73866	9,54511,93471	6,74035	10,45488,06529	0	40
		Sin. Comple.	6,00076	SINVVM	73878	Tang. compl.	6,73953	TANGEN.	S	M

19		SINVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
20	0	9,51991,11944	6,00076	9,97479,18473	73878	9,54511,93471	6,73953	10,45488,06529	0	40
	10	9,51997,12020	5,99982	9,97478,44595	73889	9,54518,67424	6,73872	10,45481,32576	50	
	20	9,52003,12002	5,99890	9,97477,70706	73900	9,54525,41296	6,73790	10,45474,58704	40	
	30	9,52009,11892	5,99797	9,97476,96806	73912	9,54532,15086	6,73708	10,45467,84914	30	
	40	9,52015,11689	5,99703	9,97476,22894	73923	9,54538,88794	6,73627	10,45461,11206	20	
	50	9,52021,11392	5,99611	9,97475,48971	73935	9,54545,62421	6,73546	10,45454,37579	10	
21	0	9,52027,11003	5,99517	9,97474,75036	73946	9,54552,35967	6,73464	10,45447,64033	0	39
	10	9,52033,10520	5,99425	9,97474,01090	73958	9,54559,09431	6,73382	10,45440,90569	50	
	20	9,52039,09945	5,99331	9,97473,27132	73969	9,54565,82813	6,73301	10,45434,17187	40	
	30	9,52045,09276	5,99239	9,97472,53163	73981	9,54572,56114	6,73219	10,45427,43886	30	
	40	9,52051,08515	5,99146	9,97471,79182	73992	9,54579,29333	6,73138	10,45420,70667	20	
	50	9,52057,07661	5,99053	9,97471,05190	74004	9,54586,02471	6,73057	10,45413,97529	10	
22	0	9,52063,06714	5,98960	9,97470,31186	74015	9,54592,75528	6,72975	10,45407,24472	0	38
	10	9,52069,05674	5,98868	9,97469,57171	74027	9,54599,48503	6,72894	10,45400,51497	50	
	20	9,52075,04542	5,98774	9,97468,83144	74038	9,54606,21397	6,72813	10,45393,78603	40	
	30	9,52081,03316	5,98682	9,97468,09106	74049	9,54612,94210	6,72732	10,45387,05790	30	
	40	9,52087,01998	5,98589	9,97467,35057	74061	9,54619,66942	6,72650	10,45380,33058	20	
	50	9,52093,00587	5,98497	9,97466,60996	74073	9,54626,39592	6,72569	10,45373,60408	10	
23	0	9,52098,99084	5,98404	9,97465,86923	74084	9,54633,12161	6,72487	10,45366,87839	0	37
	10	9,52104,97488	5,98311	9,97465,12839	74095	9,54639,84648	6,72407	10,45360,15352	50	
	20	9,52110,95799	5,98218	9,97464,38744	74107	9,54646,57055	6,72325	10,45353,42945	40	
	30	9,52116,94017	5,98126	9,97463,64637	74118	9,54653,29380	6,72245	10,45346,70620	30	
	40	9,52122,92143	5,98034	9,97462,90519	74130	9,54660,01625	6,72163	10,45339,98375	20	
	50	9,52128,90177	5,97941	9,97462,16389	74141	9,54666,73788	6,72082	10,45333,26212	10	
24	0	9,52134,88118	5,97848	9,97461,42248	74153	9,54673,45870	6,72001	10,45326,54130	0	36
	10	9,52140,85966	5,97756	9,97460,68095	74164	9,54680,17871	6,71920	10,45319,82129	50	
	20	9,52146,83722	5,97663	9,97459,93931	74176	9,54686,89791	6,71839	10,45313,10209	40	
	30	9,52152,81385	5,97571	9,97459,19755	74187	9,54693,61630	6,71758	10,45306,38370	30	
	40	9,52158,78956	5,97478	9,97458,45568	74199	9,54700,33388	6,71677	10,45299,66612	20	
	50	9,52164,76434	5,97386	9,97457,71369	74210	9,54707,05065	6,71596	10,45292,94935	10	
25	0	9,52170,73820	5,97294	9,97456,97159	74222	9,54713,76661	6,71516	10,45286,23339	0	35
	10	9,52176,71114	5,97201	9,97456,22937	74233	9,54720,48177	6,71434	10,45279,51823	50	
	20	9,52182,68315	5,97109	9,97455,48704	74244	9,54727,19611	6,71354	10,45272,80389	40	
	30	9,52188,65424	5,97017	9,97454,74460	74256	9,54733,90965	6,71273	10,45266,09035	30	
	40	9,52194,62441	5,96925	9,97454,00204	74268	9,54740,62238	6,71192	10,45259,37762	20	
	50	9,52200,59366	5,96832	9,97453,25936	74279	9,54747,33430	6,71111	10,45252,66570	10	
26	0	9,52206,56198	5,96740	9,97452,51657	74290	9,54754,04541	6,71030	10,45245,95459	0	34
	10	9,52212,52938	5,96648	9,97451,77367	74302	9,54760,75571	6,70950	10,45239,24429	50	
	20	9,52218,49586	5,96555	9,97451,03065	74314	9,54767,46521	6,70869	10,45232,53479	40	
	30	9,52224,46141	5,96464	9,97450,28751	74325	9,54774,17390	6,70789	10,45225,82610	30	
	40	9,52230,42605	5,96371	9,97449,54426	74336	9,54780,88179	6,70708	10,45219,11821	20	
	50	9,52236,38976	5,96280	9,97448,80090	74348	9,54787,58887	6,70627	10,45212,41113	10	
27	0	9,52242,35256	5,96187	9,97448,05742	74359	9,54794,29514	6,70546	10,45205,70486	0	33
	10	9,52248,31443	5,96095	9,97447,31383	74371	9,54801,00060	6,70467	10,45198,99940	50	
	20	9,52254,27538	5,96003	9,97446,57012	74383	9,54807,70527	6,70385	10,45192,29473	40	
	30	9,52260,23541	5,95912	9,97445,82629	74393	9,54814,40912	6,70305	10,45185,59088	30	
	40	9,52266,19453	5,95819	9,97445,08236	74406	9,54821,11217	6,70225	10,45178,88783	20	
	50	9,52272,15272	5,95727	9,97444,33830	74416	9,54827,81442	6,70144	10,45172,18558	10	
28	0	9,52278,10999	5,95636	9,97443,59414	74429	9,54834,51586	6,70063	10,45165,48414	0	32
	10	9,52284,06635	5,95543	9,97442,84985	74439	9,54841,21649	6,69984	10,45158,78351	50	
	20	9,52290,02178	5,95452	9,97442,10546	74452	9,54847,91633	6,69903	10,45152,08367	40	
	30	9,52295,97630	5,95360	9,97441,36094	74462	9,54854,61536	6,69822	10,45145,38464	30	
	40	9,52301,92990	5,95268	9,97440,61632	74475	9,54861,31358	6,69742	10,45138,68642	20	
	50	9,52307,88258	5,95176	9,97439,87157	74485	9,54868,01100	6,69662	10,45131,98900	10	
29	0	9,52313,83434	5,95085	9,97439,12672	74497	9,54874,70762	6,69582	10,45125,29238	0	31
	10	9,52319,78519	5,94992	9,97438,38175	74509	9,54881,40344	6,69501	10,45118,59656	50	
	20	9,52325,73511	5,94901	9,97437,63666	74520	9,54888,09845	6,69421	10,45111,90155	40	
	30	9,52331,68412	5,94810	9,97436,89146	74532	9,54894,79266	6,69341	10,45105,20734	30	
	40	9,52337,63222	5,94717	9,97436,14614	74543	9,54901,48607	6,69261	10,45098,51393	20	
	50	9,52343,57939	5,94626	9,97435,40071	74554	9,54908,17868	6,69181	10,45091,82132	10	
30	0	9,52349,52565	5,94535	9,97434,65517	74567	9,54914,87049	6,69100	10,45085,12951	0	30
		Sin. Comple.		SINVM		Tang. compl.		TANGEN.	S	M

19

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,52349,52565		9,97434,65517		9,54914,87049		10,45085,12951	0	30
	10	9,52355,47100	5,94535	9,97433,90950	74567	9,54921,56149	6,69100	10,45078,43851	50	
	20	9,52361,41543	5,94443	9,97433,16373	74577	9,54928,25170	6,69021	10,45071,74830	40	
	30	9,52367,35894	5,94351	9,97432,41784	74589	9,54934,94110	6,68940	10,45065,05890	30	
	40	9,52373,30154	5,94260	9,97431,67183	74601	9,54941,62971	6,68861	10,45058,37029	20	
	50	9,52379,24322	5,94168	9,97430,92571	74612	9,54948,31751	6,68780	10,45051,68249	10	
31	0	9,52385,18399	5,94077	9,97430,17948	74623	9,54955,00451	6,68700	10,45044,99549	0	29
	10	9,52391,12384	5,93985	9,97429,43313	74635	9,54961,69071	6,68620	10,45038,30929	50	
	20	9,52397,06278	5,93894	9,97428,68666	74647	9,54968,37612	6,68541	10,45031,62388	40	
	30	9,52403,00080	5,93802	9,97427,94008	74658	9,54975,06072	6,68460	10,45024,93928	30	
	40	9,52408,93791	5,93711	9,97427,19339	74669	9,54981,74453	6,68381	10,45018,25547	20	
	50	9,52414,87411	5,93620	9,97426,44658	74681	9,54988,42754	6,68301	10,45011,57246	10	
32	0	9,52420,80940	5,93529	9,97425,69965	74693	9,54995,10974	6,68220	10,45004,89026	0	28
	10	9,52426,74377	5,93437	9,97424,95261	74704	9,55001,79115	6,68141	10,44998,20885	50	
	20	9,52432,67722	5,93345	9,97424,20546	74715	9,55008,47177	6,68062	10,44991,52823	40	
	30	9,52438,60977	5,93255	9,97423,45819	74727	9,55015,15158	6,67981	10,44984,84842	30	
	40	9,52444,54140	5,93163	9,97422,71080	74739	9,55021,83060	6,67902	10,44978,16940	20	
	50	9,52450,47212	5,93072	9,97421,96330	74750	9,55028,50882	6,67822	10,44971,49118	10	
33	0	9,52456,40193	5,92981	9,97421,21569	74761	9,55035,18624	6,67742	10,44964,81376	0	27
	10	9,52462,33083	5,92890	9,97420,46796	74773	9,55041,86287	6,67663	10,44958,13713	50	
	20	9,52468,25882	5,92799	9,97419,72012	74784	9,55048,53870	6,67583	10,44951,46130	40	
	30	9,52474,18589	5,92707	9,97418,97216	74796	9,55055,21373	6,67503	10,44944,78627	30	
	40	9,52480,11205	5,92616	9,97418,22408	74808	9,55061,88797	6,67424	10,44938,11203	20	
	50	9,52486,03731	5,92526	9,97417,47589	74819	9,55068,56141	6,67344	10,44931,43859	10	
34	0	9,52491,96165	5,92434	9,97416,72759	74830	9,55075,23406	6,67265	10,44924,76594	0	26
	10	9,52497,88508	5,92343	9,97415,97917	74842	9,55081,90591	6,67185	10,44918,09409	50	
	20	9,52503,80761	5,92253	9,97415,23064	74853	9,55088,57697	6,67106	10,44911,42303	40	
	30	9,52509,72922	5,92161	9,97414,48199	74865	9,55095,24723	6,67026	10,44904,75277	30	
	40	9,52515,64992	5,92070	9,97413,73322	74877	9,55101,91670	6,66947	10,44898,08330	20	
	50	9,52521,56972	5,91980	9,97412,98434	74888	9,55108,58538	6,66868	10,44891,41462	10	
35	0	9,52527,48861	5,91889	9,97412,23535	74899	9,55115,25326	6,66788	10,44884,74674	0	25
	10	9,52533,40658	5,91797	9,97411,48624	74911	9,55121,92034	6,66708	10,44878,07966	50	
	20	9,52539,32365	5,91707	9,97410,73702	74922	9,55128,58664	6,66630	10,44871,41336	40	
	30	9,52545,23981	5,91616	9,97409,98768	74934	9,55135,25214	6,66550	10,44864,74786	30	
	40	9,52551,15507	5,91526	9,97409,23822	74946	9,55141,91684	6,66470	10,44858,08316	20	
	50	9,52557,06941	5,91434	9,97408,48865	74957	9,55148,58076	6,66392	10,44851,41924	10	
36	0	9,52562,98285	5,91344	9,97407,73897	74968	9,55155,24388	6,66312	10,44844,75612	0	24
	10	9,52568,89538	5,91253	9,97406,98917	74980	9,55161,90621	6,66233	10,44838,09379	50	
	20	9,52574,80701	5,91163	9,97406,23926	74991	9,55168,56775	6,66154	10,44831,43225	40	
	30	9,52580,71772	5,91071	9,97405,48923	75003	9,55175,22850	6,66075	10,44824,77150	30	
	40	9,52586,62753	5,90981	9,97404,73908	75015	9,55181,88845	6,65995	10,44818,11155	20	
	50	9,52592,53644	5,90891	9,97403,98882	75026	9,55188,54761	6,65916	10,44811,45239	10	
37	0	9,52598,44444	5,90800	9,97403,23845	75037	9,55195,20599	6,65838	10,44804,79401	0	23
	10	9,52604,35153	5,90709	9,97402,48796	75049	9,55201,86357	6,65758	10,44798,13643	50	
	20	9,52610,25772	5,90619	9,97401,73736	75060	9,55208,52036	6,65679	10,44791,47964	40	
	30	9,52616,16300	5,90528	9,97400,98664	75072	9,55215,17636	6,65600	10,44784,82364	30	
	40	9,52622,06738	5,90438	9,97400,23580	75084	9,55221,83158	6,65522	10,44778,16842	20	
	50	9,52627,97085	5,90347	9,97399,48485	75095	9,55228,48600	6,65442	10,44771,51400	10	
38	0	9,52633,87342	5,90257	9,97398,73379	75106	9,55235,13963	6,65363	10,44764,86037	0	22
	10	9,52639,77509	5,90167	9,97397,98261	75118	9,55241,79248	6,65285	10,44758,20752	50	
	20	9,52645,67585	5,90076	9,97397,23131	75130	9,55248,44453	6,65205	10,44751,55547	40	
	30	9,52651,57570	5,89985	9,97396,47990	75141	9,55255,09580	6,65127	10,44744,90420	30	
	40	9,52657,47466	5,89896	9,97395,72838	75152	9,55261,74628	6,65048	10,44738,25372	20	
	50	9,52663,37271	5,89805	9,97394,97674	75164	9,55268,39597	6,64969	10,44731,60403	10	
39	0	9,52669,26985	5,89714	9,97394,22498	75176	9,55275,04487	6,64890	10,44724,95513	0	21
	10	9,52675,16610	5,89625	9,97393,47311	75187	9,55281,69299	6,64812	10,44718,30701	50	
	20	9,52681,06144	5,89534	9,97392,72113	75198	9,55288,34031	6,64732	10,44711,65969	40	
	30	9,52686,95588	5,89444	9,97391,96903	75210	9,55294,98685	6,64654	10,44705,01315	30	
	40	9,52692,84942	5,89354	9,97391,21681	75222	9,55301,63261	6,64576	10,44698,36739	20	
	50	9,52698,74205	5,89263	9,97390,46448	75233	9,55308,27757	6,64496	10,44691,72243	10	
40	0	9,52704,63379	5,89174	9,97389,71204	75244	9,55314,92175	6,64418	10,44685,07825	0	20
			5,89083		75256		6,64340			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

19		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,52704,63379		9,97389,71204		9,55314,92175		10,44685,07825	0	20
	10	9,52710,52462	5,89083	9,97388,95948	75256	9,55321,56515	6,64340	10,44678,43485	50	
	20	9,52716,41456	5,88994	9,97388,20680	75268	9,55328,20776	6,64261	10,44671,79224	40	
	30	9,52722,30359	5,88903	9,97387,45401	75279	9,55334,84958	6,64182	10,44665,15042	30	
	40	9,52728,19172	5,88813	9,97386,70110	75291	9,55341,49062	6,64104	10,44658,50938	20	
	50	9,52734,07895	5,88723	9,97385,94808	75302	9,55348,13087	6,64025	10,44651,86913	10	
41	0	9,52739,96528	5,88633	9,97385,19494	75314	9,55354,77034	6,63947	10,44645,22966	0	19
	10	9,52745,85071	5,88543	9,97384,44169	75325	9,55361,40902	6,63868	10,44638,59098	50	
	20	9,52751,73524	5,88453	9,97383,68833	75336	9,55368,04692	6,63790	10,44631,95308	40	
	30	9,52757,61887	5,88363	9,97382,93484	75349	9,55374,68403	6,63711	10,44625,31597	30	
	40	9,52763,50161	5,88274	9,97382,18125	75359	9,55381,32036	6,63633	10,44618,67964	20	
	50	9,52769,38344	5,88183	9,97381,42753	75372	9,55387,95591	6,63555	10,44612,04409	10	
42	0	9,52775,26438	5,88094	9,97380,67371	75382	9,55394,59067	6,63476	10,44605,40933	0	18
	10	9,52781,14442	5,88004	9,97379,91976	75395	9,55401,22465	6,63398	10,44598,77535	50	
	20	9,52787,02356	5,87914	9,97379,16571	75405	9,55407,85785	6,63320	10,44592,14215	40	
	30	9,52792,90180	5,87824	9,97378,41153	75418	9,55414,49026	6,63241	10,44585,50974	30	
	40	9,52798,77914	5,87734	9,97377,65725	75428	9,55421,12190	6,63164	10,44578,87810	20	
	50	9,52804,65559	5,87645	9,97376,90284	75441	9,55427,75275	6,63085	10,44572,24725	10	
43	0	9,52810,53114	5,87555	9,97376,14832	75452	9,55434,38281	6,63006	10,44565,61719	0	17
	10	9,52816,40579	5,87465	9,97375,39369	75463	9,55441,01210	6,62929	10,44558,98790	50	
	20	9,52822,27955	5,87376	9,97374,63894	75475	9,55447,64060	6,62850	10,44552,35940	40	
	30	9,52828,15241	5,87286	9,97373,88408	75486	9,55454,26833	6,62773	10,44545,73167	30	
	40	9,52834,02437	5,87196	9,97373,12910	75498	9,55460,89527	6,62694	10,44539,10473	20	
	50	9,52839,89544	5,87107	9,97372,37400	75510	9,55467,52143	6,62616	10,44532,47857	10	
44	0	9,52845,76561	5,87017	9,97371,61879	75521	9,55474,14682	6,62539	10,44525,85318	0	16
	10	9,52851,63489	5,86928	9,97370,86347	75532	9,55480,77142	6,62460	10,44519,22858	50	
	20	9,52857,50327	5,86838	9,97370,10803	75544	9,55487,39524	6,62382	10,44512,60476	40	
	30	9,52863,37075	5,86748	9,97369,35247	75556	9,55494,01828	6,62304	10,44505,98172	30	
	40	9,52869,23735	5,86660	9,97368,59680	75567	9,55500,64054	6,62226	10,44499,35946	20	
	50	9,52875,10304	5,86569	9,97367,84102	75578	9,55507,26203	6,62149	10,44492,73797	10	
45	0	9,52880,96785	5,86481	9,97367,08512	75590	9,55513,88273	6,62070	10,44486,11727	0	15
	10	9,52886,83176	5,86391	9,97366,32910	75602	9,55520,50266	6,61993	10,44479,49734	50	
	20	9,52892,69477	5,86301	9,97365,57297	75613	9,55527,12180	6,61914	10,44472,87820	40	
	30	9,52898,55690	5,86213	9,97364,81672	75625	9,55533,74017	6,61837	10,44466,25983	30	
	40	9,52904,41812	5,86122	9,97364,06036	75636	9,55540,35776	6,61759	10,44459,64224	20	
	50	9,52910,27846	5,86034	9,97363,30388	75648	9,55546,97458	6,61682	10,44453,02542	10	
46	0	9,52916,13790	5,85944	9,97362,54729	75659	9,55553,59061	6,61603	10,44446,40939	0	14
	10	9,52921,99645	5,85855	9,97361,79058	75671	9,55560,20587	6,61526	10,44439,79413	50	
	20	9,52927,85411	5,85766	9,97361,03376	75682	9,55566,82035	6,61448	10,44433,17965	40	
	30	9,52933,71088	5,85677	9,97360,27682	75694	9,55573,43406	6,61371	10,44426,56594	30	
	40	9,52939,56675	5,85587	9,97359,51977	75705	9,55580,04699	6,61293	10,44419,95301	20	
	50	9,52945,42174	5,85499	9,97358,76260	75717	9,55586,65914	6,61215	10,44413,34086	10	
47	0	9,52951,27583	5,85409	9,97358,00532	75728	9,55593,27051	6,61137	10,44406,72949	0	13
	10	9,52957,12903	5,85320	9,97357,24792	75740	9,55599,88111	6,61060	10,44400,11889	50	
	20	9,52962,98134	5,85231	9,97356,49040	75752	9,55606,49094	6,60983	10,44393,50906	40	
	30	9,52968,83276	5,85142	9,97355,73277	75763	9,55613,09999	6,60905	10,44386,90001	30	
	40	9,52974,68329	5,85053	9,97354,97503	75774	9,55619,70826	6,60827	10,44380,29174	20	
	50	9,52980,53293	5,84964	9,97354,21717	75786	9,55626,31576	6,60750	10,44373,68424	10	
48	0	9,52986,38168	5,84875	9,97353,45919	75798	9,55632,92249	6,60673	10,44367,07751	0	12
	10	9,52992,22953	5,84785	9,97352,70110	75809	9,55639,52844	6,60595	10,44360,47156	50	
	20	9,52998,07650	5,84697	9,97351,94289	75821	9,55646,13361	6,60517	10,44353,86639	40	
	30	9,53003,92259	5,84609	9,97351,18457	75832	9,55652,73802	6,60441	10,44347,26198	30	
	40	9,53009,76778	5,84519	9,97350,42613	75844	9,55659,34164	6,60362	10,44340,65836	20	
	50	9,53015,61208	5,84430	9,97349,66758	75855	9,55665,94450	6,60286	10,44334,05550	10	
49	0	9,53021,45550	5,84342	9,97348,90891	75867	9,55672,54658	6,60208	10,44327,45342	0	11
	10	9,53027,29802	5,84252	9,97348,15013	75878	9,55679,14789	6,60131	10,44320,85211	50	
	20	9,53033,13966	5,84164	9,97347,39123	75890	9,55685,74843	6,60054	10,44314,25157	40	
	30	9,53038,98041	5,84075	9,97346,63222	75901	9,55692,34819	6,59976	10,44307,65181	30	
	40	9,53044,82028	5,83987	9,97345,87309	75913	9,55698,94719	6,59900	10,44301,05281	20	
	50	9,53050,65925	5,83897	9,97345,11384	75925	9,55705,54541	6,59822	10,44294,45459	10	
50	0	9,53056,49734	5,83809	9,97344,35448	75936	9,55712,14286	6,59745	10,44287,85714	0	10
		Sin. Comple.	5,83720	SINVVM	75947	Tang. compl.	6,59667	TANGEN.	S	M

19		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	commu- nes.	Logarithmi.		
50	0	9,53056,49734	5,83720	9,97344,35448	75947		9,55712,14286	6,59667	10,44287,85714	0	10
	10	9,53062,33454	5,83632	9,97343,59501	75959		9,55718,73953	6,59591	10,44281,26047	50	
	20	9,53068,17086	5,83543	9,97342,83542	75971		9,55725,33544	6,59514	10,44274,66456	40	
	30	9,53074,00629	5,83454	9,97342,07571	75982		9,55731,93058	6,59436	10,44268,06942	30	
	40	9,53079,84083	5,83366	9,97341,31589	75994		9,55738,52494	6,59360	10,44261,47506	20	
	50	9,53085,67449	5,83277	9,97340,55595	76005		9,55745,11854	6,59282	10,44254,88146	10	
51	0	9,53091,50726	5,83189	9,97339,79590	76016		9,55751,71136	6,59206	10,44248,28864	0	9
	10	9,53097,33915	5,83100	9,97339,03574	76029		9,55758,30342	6,59128	10,44241,69658	50	
	20	9,53103,17015	5,83012	9,97338,27545	76040		9,55764,89470	6,59052	10,44235,10530	40	
	30	9,53109,00027	5,82923	9,97337,51505	76051		9,55771,48522	6,58974	10,44228,51478	30	
	40	9,53114,82950	5,82835	9,97336,75454	76063		9,55778,07496	6,58898	10,44221,92504	20	
	50	9,53120,65785	5,82746	9,97335,99391	76074		9,55784,66394	6,58821	10,44215,33606	10	
52	0	9,53126,48531	5,82659	9,97335,23317	76086		9,55791,25215	6,58744	10,44208,74785	0	8
	10	9,53132,31190	5,82569	9,97334,47231	76098		9,55797,83959	6,58667	10,44202,16041	50	
	20	9,53138,13759	5,82481	9,97333,71133	76109		9,55804,42626	6,58590	10,44195,57374	40	
	30	9,53143,96240	5,82393	9,97332,95024	76120		9,55811,01216	6,58514	10,44188,98784	30	
	40	9,53149,78633	5,82305	9,97332,18904	76133		9,55817,59730	6,58437	10,44182,40270	20	
	50	9,53155,60938	5,82217	9,97331,42771	76143		9,55824,18167	6,58360	10,44175,81833	10	
53	0	9,53161,43155	5,82128	9,97330,66628	76155		9,55830,76527	6,58283	10,44169,23473	0	7
	10	9,53167,25283	5,82040	9,97329,90473	76167		9,55837,34810	6,58207	10,44162,65190	50	
	20	9,53173,07323	5,81951	9,97329,14306	76179		9,55843,93017	6,58130	10,44156,06983	40	
	30	9,53178,89274	5,81864	9,97328,38127	76189		9,55850,51147	6,58053	10,44149,48853	30	
	40	9,53184,71138	5,81775	9,97327,61938	76202		9,55857,09200	6,57977	10,44142,90800	20	
	50	9,53190,52913	5,81688	9,97326,85736	76213		9,55863,67177	6,57900	10,44136,32823	10	
54	0	9,53196,34601	5,81599	9,97326,09523	76224		9,55870,25077	6,57824	10,44129,74923	0	6
	10	9,53202,16200	5,81511	9,97325,33299	76236		9,55876,82901	6,57747	10,44123,17099	50	
	20	9,53207,97711	5,81423	9,97324,57063	76248		9,55883,40648	6,57671	10,44116,59352	40	
	30	9,53213,79134	5,81335	9,97323,80815	76259		9,55889,98319	6,57594	10,44110,01681	30	
	40	9,53219,60469	5,81247	9,97323,04556	76271		9,55896,55913	6,57518	10,44103,44087	20	
	50	9,53225,41716	5,81159	9,97322,28285	76282		9,55903,13431	6,57441	10,44096,86569	10	
55	0	9,53231,22875	5,81071	9,97321,52003	76294		9,55909,70872	6,57365	10,44090,29128	0	5
	10	9,53237,03946	5,80983	9,97320,75709	76305		9,55916,28237	6,57288	10,44083,71763	50	
	20	9,53242,84929	5,80895	9,97319,99404	76317		9,55922,85525	6,57212	10,44077,14475	40	
	30	9,53248,65824	5,80807	9,97319,23087	76328		9,55929,42737	6,57136	10,44070,57263	30	
	40	9,53254,46631	5,80720	9,97318,46759	76340		9,55935,99873	6,57059	10,44064,00127	20	
	50	9,53260,27351	5,80631	9,97317,70419	76352		9,55942,56932	6,56983	10,44057,43068	10	
56	0	9,53266,07982	5,80544	9,97316,94067	76363		9,55949,13915	6,56907	10,44050,86085	0	4
	10	9,53271,88526	5,80456	9,97316,17704	76375		9,55955,70822	6,56831	10,44044,29178	50	
	20	9,53277,68982	5,80368	9,97315,41329	76386		9,55962,27653	6,56754	10,44037,72347	40	
	30	9,53283,49350	5,80281	9,97314,64943	76398		9,55968,84407	6,56678	10,44031,15593	30	
	40	9,53289,29631	5,80192	9,97313,88545	76409		9,55975,41085	6,56602	10,44024,58915	20	
	50	9,53295,09823	5,80105	9,97313,12136	76421		9,55981,97687	6,56526	10,44018,02313	10	
57	0	9,53300,89928	5,80018	9,97312,35715	76432		9,55988,54213	6,56450	10,44011,45787	0	3
	10	9,53306,69946	5,79929	9,97311,59283	76444		9,55995,10663	6,56373	10,44004,89337	50	
	20	9,53312,49875	5,79842	9,97310,82839	76455		9,56001,67036	6,56298	10,43998,32964	40	
	30	9,53318,29717	5,79755	9,97310,06384	76468		9,56008,23334	6,56221	10,43991,76666	30	
	40	9,53324,09472	5,79666	9,97309,29916	76478		9,56014,79555	6,56145	10,43985,20445	20	
	50	9,53329,89138	5,79580	9,97308,53438	76490		9,56021,35700	6,56070	10,43978,64300	10	
58	0	9,53335,68718	5,79491	9,97307,76948	76502		9,56027,91770	6,55993	10,43972,08230	0	2
	10	9,53341,48209	5,79404	9,97307,00446	76513		9,56034,47763	6,55918	10,43965,52237	50	
	20	9,53347,27613	5,79317	9,97306,23933	76525		9,56041,03681	6,55841	10,43958,96319	40	
	30	9,53353,06930	5,79229	9,97305,47408	76536		9,56047,59522	6,55766	10,43952,40478	30	
	40	9,53358,86159	5,79142	9,97304,70872	76548		9,56054,15288	6,55689	10,43945,84712	20	
	50	9,53364,65301	5,79054	9,97303,94324	76560		9,56060,70977	6,55614	10,43939,29023	10	
59	0	9,53370,44355	5,78967	9,97303,17764	76571		9,56067,26591	6,55538	10,43932,73409	0	1
	10	9,53376,23322	5,78880	9,97302,41193	76583		9,56073,82129	6,55462	10,43926,17871	50	
	20	9,53382,02202	5,78792	9,97301,64610	76594		9,56080,37591	6,55387	10,43919,62409	40	
	30	9,53387,80994	5,78705	9,97300,88016	76605		9,56086,92978	6,55310	10,43913,07022	30	
	40	9,53393,59699	5,78617	9,97300,11411	76618		9,56093,48288	6,55235	10,43906,51712	20	
	50	9,53399,38316	5,78530	9,97299,34793	76629		9,56100,03523	6,55159	10,43899,96477	10	
60	0	9,53405,16846	5,78443	9,97298,58164	76640		9,56106,58682	6,55083	10,43893,41318	0	0
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

20

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,53405,16846		9,97298,58164		9,56106,58682		10,43893,41318	o	60
1	10	9,53410,95289	5,78443	9,97297,81524	76640	9,56113,13765	6,55083	10,43886,86235	50	59
	20	9,53416,73645	5,78356	9,97297,04872	76652	9,56119,68773	6,55008	10,43880,31227	40	
	30	9,53422,51914	5,78269	9,97296,28209	76663	9,56126,23705	6,54932	10,43873,76295	30	
	40	9,53428,30095	5,78181	9,97295,51533	76676	9,56132,78562	6,54857	10,43867,21438	20	
	50	9,53434,08189	5,78094	9,97294,74847	76686	9,56139,33342	6,54780	10,43860,66658	10	
2	0	9,53439,86196	5,78007	9,97293,98149	76698	9,56145,88048	6,54706	10,43854,11952	o	58
	10	9,53445,64116	5,77920	9,97293,21439	76710	9,56152,42677	6,54629	10,43847,57323	50	
	20	9,53451,41949	5,77833	9,97292,44717	76722	9,56158,97231	6,54554	10,43841,02769	40	
	30	9,53457,19695	5,77746	9,97291,67985	76732	9,56165,51710	6,54479	10,43834,48290	30	
	40	9,53462,97353	5,77658	9,97290,91240	76745	9,56172,06113	6,54403	10,43827,93887	20	
3	50	9,53468,74925	5,77572	9,97290,14484	76756	9,56178,60441	6,54328	10,43821,39559	10	57
	0	9,53474,52410	5,77485	9,97289,37716	76768	9,56185,14693	6,54252	10,43814,85307	o	
	10	9,53480,29807	5,77397	9,97288,60937	76779	9,56191,68870	6,54177	10,43808,31130	50	
	20	9,53486,07118	5,77311	9,97287,84147	76790	9,56198,22971	6,54101	10,43801,77029	40	
	30	9,53491,84342	5,77224	9,97287,07344	76803	9,56204,76997	6,54026	10,43795,23003	30	
4	40	9,53497,61478	5,77136	9,97286,30530	76814	9,56211,30948	6,53951	10,43788,69052	20	56
	50	9,53503,38528	5,77050	9,97285,53705	76825	9,56217,84823	6,53875	10,43782,15177	10	
	0	9,53509,15491	5,76963	9,97284,76868	76837	9,56224,38623	6,53800	10,43775,61377	o	
	10	9,53514,92368	5,76877	9,97284,00019	76849	9,56230,92348	6,53725	10,43769,07652	50	
	20	9,53520,69157	5,76789	9,97283,23159	76860	9,56237,45998	6,53650	10,43762,54002	40	
5	30	9,53526,45860	5,76703	9,97282,46288	76871	9,56243,99572	6,53574	10,43756,00428	30	55
	40	9,53532,22475	5,76615	9,97281,69404	76884	9,56250,53071	6,53499	10,43749,46929	20	
	50	9,53537,99004	5,76529	9,97280,92510	76894	9,56257,06495	6,53424	10,43742,93505	10	
	0	9,53543,75447	5,76443	9,97280,15603	76907	9,56263,59844	6,53349	10,43736,40156	o	
	10	9,53549,51802	5,76355	9,97279,38685	76918	9,56270,13117	6,53273	10,43729,86883	50	
6	20	9,53555,28071	5,76269	9,97278,61756	76929	9,56276,66316	6,53199	10,43723,33684	40	54
	30	9,53561,04254	5,76183	9,97277,84815	76941	9,56283,19439	6,53123	10,43716,80561	30	
	40	9,53566,80349	5,76095	9,97277,07862	76953	9,56289,72487	6,53048	10,43710,27513	20	
	50	9,53572,56358	5,76009	9,97276,30898	76964	9,56296,25461	6,52974	10,43703,74539	10	
	0	9,53578,32281	5,75923	9,97275,53922	76976	9,56302,78359	6,52898	10,43697,21641	o	
7	10	9,53584,08116	5,75835	9,97274,76934	76988	9,56309,31182	6,52823	10,43690,68818	50	53
	20	9,53589,83866	5,75750	9,97273,99935	76999	9,56315,83930	6,52748	10,43684,16070	40	
	30	9,53595,59529	5,75663	9,97273,22925	77010	9,56322,36604	6,52674	10,43677,63396	30	
	40	9,53601,35105	5,75576	9,97272,45903	77022	9,56328,89202	6,52598	10,43671,10798	20	
	50	9,53607,10595	5,75490	9,97271,68869	77034	9,56335,41726	6,52524	10,43664,58274	10	
8	0	9,53612,85998	5,75403	9,97270,91824	77045	9,56341,94174	6,52448	10,43658,05826	o	52
	10	9,53618,61315	5,75317	9,97270,14767	77057	9,56348,46548	6,52374	10,43651,53452	50	
	20	9,53624,36545	5,75230	9,97269,37698	77069	9,56354,98847	6,52299	10,43645,01153	40	
	30	9,53630,11689	5,75144	9,97268,60618	77080	9,56361,51071	6,52224	10,43638,48929	30	
	40	9,53635,86747	5,75058	9,97267,83527	77091	9,56368,03220	6,52149	10,43631,96780	20	
9	50	9,53641,61719	5,74972	9,97267,06424	77103	9,56374,55295	6,52075	10,43625,44705	10	51
	0	9,53647,36604	5,74885	9,97266,29309	77115	9,56381,07295	6,52000	10,43618,92705	o	
	10	9,53653,11403	5,74799	9,97265,52183	77126	9,56387,59220	6,51925	10,43612,40780	50	
	20	9,53658,86115	5,74712	9,97264,75045	77138	9,56394,11070	6,51850	10,43605,88930	40	
	30	9,53664,60741	5,74626	9,97263,97895	77150	9,56400,62846	6,51776	10,43599,37154	30	
10	40	9,53670,35281	5,74540	9,97263,20734	77161	9,56407,14547	6,51701	10,43592,85453	20	50
	50	9,53676,09735	5,74454	9,97262,43562	77172	9,56413,66174	6,51627	10,43586,33826	10	
	0	9,53681,84103	5,74368	9,97261,66378	77184	9,56420,17725	6,51551	10,43579,82275	o	
	10	9,53687,58384	5,74281	9,97260,89182	77196	9,56426,69203	6,51478	10,43573,30797	50	
	20	9,53693,32580	5,74196	9,97260,11974	77208	9,56433,20605	6,51402	10,43566,79395	40	
11	30	9,53699,06689	5,74109	9,97259,34755	77219	9,56439,71934	6,51329	10,43560,28066	30	49
	40	9,53704,80712	5,74023	9,97258,57525	77230	9,56446,23187	6,51253	10,43553,76813	20	
	50	9,53710,54649	5,73937	9,97257,80283	77242	9,56452,74366	6,51179	10,43547,25634	10	
	0	9,53716,28500	5,73851	9,97257,03029	77254	9,56459,25471	6,51105	10,43540,74529	o	
	10	9,53722,02265	5,73765	9,97256,25764	77265	9,56465,76501	6,51030	10,43534,23499	50	
12	20	9,53727,75944	5,73679	9,97255,48487	77277	9,56472,27457	6,50956	10,43527,72543	40	48
	30	9,53733,49538	5,73594	9,97254,71199	77288	9,56478,78339	6,50882	10,43521,21661	30	
	40	9,53739,23045	5,73507	9,97253,93899	77300	9,56485,29146	6,50807	10,43514,70854	20	
	50	9,53744,96466	5,73421	9,97253,16587	77312	9,56491,79879	6,50733	10,43508,20121	10	
	0	9,53750,69801	5,73335	9,97252,39264	77323	9,56498,30537	6,50658	10,43501,69463	o	
		Sin. Comple.	5,73249	SINVVM	77335	Tang. compl.	6,50584	TANGEN.	S	M

20		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
10	0	9,53750,69801		9,97252,39264		9,56498,30537		10,43501,69463	0	50
	10	9,53756,43050	5,73249	9,97251,61929	77335	9,56504,81121	6,50584	10,43495,18879	50	
	20	9,53762,16214	5,73164	9,97250,84583	77346	9,56511,31631	6,50510	10,43488,68369	40	
	30	9,53767,89292	5,73078	9,97250,07225	77358	9,56517,82067	6,50436	10,43482,17933	30	
	40	9,53773,62284	5,72992	9,97249,29855	77370	9,56524,32428	6,50361	10,43475,67572	20	
	50	9,53779,35190	5,72906	9,97248,52474	77381	9,56530,82715	6,50287	10,43469,17285	10	
11	0	9,53785,08010	5,72820	9,97247,75082	77392	9,56537,32928	6,50213	10,43462,67072	0	49
	10	9,53790,80744	5,72734	9,97246,97677	77405	9,56543,83067	6,50139	10,43456,16933	50	
	20	9,53796,53393	5,72649	9,97246,20261	77416	9,56550,33132	6,50065	10,43449,66868	40	
	30	9,53802,25956	5,72563	9,97245,42834	77427	9,56556,83122	6,49990	10,43443,16878	30	
	40	9,53807,98434	5,72478	9,97244,65395	77439	9,56563,33039	6,49917	10,43436,66961	20	
	50	9,53813,70826	5,72392	9,97243,87944	77451	9,56569,82881	6,49842	10,43430,17119	10	
12	0	9,53819,43132	5,72306	9,97243,10482	77462	9,56576,32650	6,49769	10,43423,67350	0	48
	10	9,53825,15352	5,72220	9,97242,33008	77474	9,56582,82344	6,49694	10,43417,17656	50	
	20	9,53830,87487	5,72135	9,97241,55523	77485	9,56589,31964	6,49620	10,43410,68036	40	
	30	9,53836,59536	5,72049	9,97240,78026	77497	9,56595,81511	6,49547	10,43404,18489	30	
	40	9,53842,31500	5,71964	9,97240,00517	77509	9,56602,30983	6,49472	10,43397,69017	20	
	50	9,53848,03379	5,71879	9,97239,22997	77520	9,56608,80382	6,49399	10,43391,19618	10	
13	0	9,53853,75171	5,71792	9,97238,45465	77532	9,56615,29706	6,49324	10,43384,70294	0	47
	10	9,53859,46879	5,71708	9,97237,67922	77543	9,56621,78957	6,49251	10,43378,21043	50	
	20	9,53865,18501	5,71622	9,97236,90367	77555	9,56628,28134	6,49177	10,43371,71866	40	
	30	9,53870,90037	5,71536	9,97236,12800	77567	9,56634,77237	6,49103	10,43365,22763	30	
	40	9,53876,61488	5,71451	9,97235,35222	77578	9,56641,26266	6,49029	10,43358,73734	20	
	50	9,53882,32854	5,71366	9,97234,57633	77589	9,56647,75221	6,48955	10,43352,24779	10	
14	0	9,53888,04134	5,71280	9,97233,80031	77602	9,56654,24103	6,48882	10,43345,75897	0	46
	10	9,53893,75329	5,71195	9,97233,02418	77613	9,56660,72910	6,48807	10,43339,27090	50	
	20	9,53899,46438	5,71109	9,97232,24794	77624	9,56667,21645	6,48735	10,43332,78355	40	
	30	9,53905,17463	5,71025	9,97231,47158	77636	9,56673,70305	6,48660	10,43326,29695	30	
	40	9,53910,88402	5,70939	9,97230,69510	77648	9,56680,18892	6,48587	10,43319,81108	20	
	50	9,53916,59255	5,70853	9,97229,91851	77659	9,56686,67405	6,48513	10,43313,32595	10	
15	0	9,53922,30024	5,70769	9,97229,14180	77671	9,56693,15844	6,48439	10,43306,84156	0	45
	10	9,53928,00707	5,70683	9,97228,36497	77683	9,56699,64210	6,48366	10,43300,35790	50	
	20	9,53933,71305	5,70598	9,97227,58803	77694	9,56706,12502	6,48292	10,43293,87498	40	
	30	9,53939,41818	5,70513	9,97226,81097	77706	9,56712,60721	6,48219	10,43287,39279	30	
	40	9,53945,12246	5,70428	9,97226,03380	77717	9,56719,08866	6,48145	10,43280,91134	20	
	50	9,53950,82589	5,70343	9,97225,25651	77729	9,56725,56938	6,48072	10,43274,43062	10	
16	0	9,53956,52846	5,70257	9,97224,47911	77740	9,56732,04936	6,47998	10,43267,95064	0	44
	10	9,53962,23019	5,70173	9,97223,70159	77752	9,56738,52860	6,47924	10,43261,47140	50	
	20	9,53967,93106	5,70087	9,97222,92395	77764	9,56745,00711	6,47851	10,43254,99289	40	
	30	9,53973,63109	5,70003	9,97222,14620	77775	9,56751,48489	6,47778	10,43248,51511	30	
	40	9,53979,33026	5,69917	9,97221,36833	77787	9,56757,96193	6,47704	10,43242,03807	20	
	50	9,53985,02859	5,69833	9,97220,59034	77799	9,56764,43824	6,47631	10,43235,56176	10	
17	0	9,53990,72606	5,69747	9,97219,81224	77810	9,56770,91382	6,47558	10,43229,08618	0	43
	10	9,53996,42269	5,69663	9,97219,03403	77821	9,56777,38866	6,47484	10,43222,61134	50	
	20	9,54002,11846	5,69577	9,97218,25569	77834	9,56783,86277	6,47411	10,43216,13723	40	
	30	9,54007,81339	5,69493	9,97217,47724	77845	9,56790,33615	6,47338	10,43209,66385	30	
	40	9,54013,50747	5,69408	9,97216,69868	77856	9,56796,80879	6,47264	10,43203,19121	20	
	50	9,54019,20070	5,69323	9,97215,92000	77868	9,56803,28070	6,47191	10,43196,71930	10	
18	0	9,54024,89308	5,69238	9,97215,14120	77880	9,56809,75188	6,47118	10,43190,24812	0	42
	10	9,54030,58462	5,69154	9,97214,36229	77891	9,56816,22233	6,47045	10,43183,77767	50	
	20	9,54036,27530	5,69068	9,97213,58326	77903	9,56822,69204	6,46971	10,43177,30796	40	
	30	9,54041,96514	5,68984	9,97212,80411	77915	9,56829,16103	6,46899	10,43170,83897	30	
	40	9,54047,65413	5,68899	9,97212,02485	77926	9,56835,62928	6,46825	10,43164,37072	20	
	50	9,54053,34227	5,68814	9,97211,24547	77938	9,56842,09680	6,46752	10,43157,90320	10	
19	0	9,54059,02957	5,68730	9,97210,46598	77949	9,56848,56359	6,46679	10,43151,43641	0	41
	10	9,54064,71602	5,68645	9,97209,68637	77961	9,56855,02965	6,46606	10,43144,97035	50	
	20	9,54070,40162	5,68560	9,97208,90665	77972	9,56861,49498	6,46533	10,43138,50502	40	
	30	9,54076,08638	5,68476	9,97208,12680	77985	9,56867,95958	6,46460	10,43132,04042	30	
	40	9,54081,77029	5,68391	9,97207,34685	77995	9,56874,42345	6,46387	10,43125,57655	20	
	50	9,54087,45336	5,68307	9,97206,56677	78008	9,56880,88658	6,46313	10,43119,11342	10	
20	0	9,54093,13558	5,68222	9,97205,78658	78019	9,56887,34899	6,46241	10,43112,65101	0	40
		Sin. Comple.	5,68137	SINVVM	78030	Tang. compl.	6,46168	TANGEN.	S	M

20		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
20	0	9,54093,13558		9,97205,78658		9,56887,34899		10,43112,65101	0	40
	10	9,54098,81695	5,68137	9,97205,00628	78030	9,56893,81067	6,46168	10,43106,18933	50	
	20	9,54104,49748	5,68053	9,97204,22585	78043	9,56900,27162	6,46095	10,43099,72838	40	
	30	9,54110,17716	5,67968	9,97203,44532	78053	9,56906,73185	6,46023	10,43093,26815	30	
	40	9,54115,85600	5,67884	9,97202,66466	78066	9,56913,19134	6,45949	10,43086,80866	20	
	50	9,54121,53400	5,67800	9,97201,88389	78077	9,56919,65011	6,45877	10,43080,34989	10	
21	0	9,54127,21115	5,67715	9,97201,10300	78089	9,56926,10814	6,45803	10,43073,89186	0	39
	10	9,54132,88745	5,67630	9,97200,32200	78100	9,56932,56545	6,45731	10,43067,43455	50	
	20	9,54138,56291	5,67546	9,97199,54088	78112	9,56939,02203	6,45658	10,43060,97797	40	
	30	9,54144,23753	5,67462	9,97198,75965	78123	9,56945,47789	6,45586	10,43054,52211	30	
	40	9,54149,91131	5,67378	9,97197,97830	78135	9,56951,93301	6,45512	10,43048,06699	20	
	50	9,54155,58424	5,67293	9,97197,19683	78147	9,56958,38741	6,45440	10,43041,61259	10	
22	0	9,54161,25633	5,67209	9,97196,41525	78158	9,56964,84108	6,45367	10,43035,15892	0	38
	10	9,54166,92758	5,67125	9,97195,63355	78170	9,56971,29403	6,45295	10,43028,70597	50	
	20	9,54172,59798	5,67040	9,97194,85173	78182	9,56977,74625	6,45222	10,43022,25375	40	
	30	9,54178,26754	5,66956	9,97194,06980	78193	9,56984,19774	6,45149	10,43015,80226	30	
	40	9,54183,93626	5,66872	9,97193,28775	78205	9,56990,64851	6,45077	10,43009,35149	20	
	50	9,54189,60414	5,66788	9,97192,50559	78216	9,56997,09855	6,45004	10,43002,90145	10	
23	0	9,54195,27117	5,66703	9,97191,72331	78228	9,57003,54787	6,44932	10,42996,45213	0	37
	10	9,54200,93737	5,66620	9,97190,94091	78240	9,57009,99646	6,44859	10,42990,00354	50	
	20	9,54206,60272	5,66535	9,97190,15840	78251	9,57016,44432	6,44786	10,42983,55568	40	
	30	9,54212,26723	5,66451	9,97189,37577	78263	9,57022,89146	6,44714	10,42977,10854	30	
	40	9,54217,93090	5,66367	9,97188,59302	78275	9,57029,33788	6,44642	10,42970,66212	20	
	50	9,54223,59373	5,66283	9,97187,81016	78286	9,57035,78357	6,44569	10,42964,21643	10	
24	0	9,54229,25572	5,66199	9,97187,02718	78298	9,57042,22854	6,44497	10,42957,77146	0	36
	10	9,54234,91687	5,66115	9,97186,24409	78309	9,57048,67278	6,44424	10,42951,32722	50	
	20	9,54240,57718	5,66031	9,97185,46088	78321	9,57055,11630	6,44352	10,42944,88370	40	
	30	9,54246,23665	5,65947	9,97184,67755	78333	9,57061,55910	6,44280	10,42938,44090	30	
	40	9,54251,89529	5,65864	9,97183,89411	78344	9,57068,00117	6,44207	10,42931,99883	20	
	50	9,54257,55308	5,65779	9,97183,11055	78356	9,57074,44252	6,44135	10,42925,55748	10	
25	0	9,54263,21003	5,65695	9,97182,32688	78367	9,57080,88315	6,44063	10,42919,11685	0	35
	10	9,54268,86614	5,65611	9,97181,54309	78379	9,57087,32306	6,43991	10,42912,67694	50	
	20	9,54274,52142	5,65528	9,97180,75918	78391	9,57093,76224	6,43918	10,42906,23776	40	
	30	9,54280,17586	5,65444	9,97179,97516	78402	9,57100,20070	6,43846	10,42899,79930	30	
	40	9,54285,82946	5,65360	9,97179,19102	78414	9,57106,63844	6,43774	10,42893,36156	20	
	50	9,54291,48222	5,65276	9,97178,40676	78426	9,57113,07545	6,43701	10,42886,92455	10	
26	0	9,54297,13414	5,65192	9,97177,62239	78437	9,57119,51175	6,43630	10,42880,48825	0	34
	10	9,54302,78522	5,65108	9,97176,83790	78449	9,57125,94732	6,43557	10,42874,05268	50	
	20	9,54308,43547	5,65025	9,97176,05330	78460	9,57132,38218	6,43486	10,42867,61782	40	
	30	9,54314,08488	5,64941	9,97175,26858	78472	9,57138,81631	6,43413	10,42861,18369	30	
	40	9,54319,73346	5,64858	9,97174,48374	78484	9,57145,24972	6,43341	10,42854,75028	20	
	50	9,54325,38120	5,64774	9,97173,69879	78495	9,57151,68241	6,43269	10,42848,31759	10	
27	0	9,54331,02810	5,64690	9,97172,91372	78507	9,57158,11438	6,43197	10,42841,88562	0	33
	10	9,54336,67416	5,64606	9,97172,12853	78519	9,57164,54563	6,43125	10,42835,45437	50	
	20	9,54342,31939	5,64523	9,97171,34323	78530	9,57170,97616	6,43053	10,42829,02384	40	
	30	9,54347,96378	5,64439	9,97170,55781	78542	9,57177,40597	6,42981	10,42822,59403	30	
	40	9,54353,60734	5,64356	9,97169,77228	78553	9,57183,83507	6,42910	10,42816,16493	20	
	50	9,54359,25007	5,64273	9,97168,98662	78566	9,57190,26344	6,42837	10,42809,73656	10	
28	0	9,54364,89195	5,64188	9,97168,20086	78576	9,57196,69109	6,42765	10,42803,30891	0	32
	10	9,54370,53300	5,64105	9,97167,41497	78589	9,57203,11803	6,42694	10,42796,88197	50	
	20	9,54376,17322	5,64022	9,97166,62897	78600	9,57209,54425	6,42622	10,42790,45575	40	
	30	9,54381,81261	5,63939	9,97165,84286	78611	9,57215,96975	6,42550	10,42784,03025	30	
	40	9,54387,45115	5,63854	9,97165,05663	78623	9,57222,39453	6,42478	10,42777,60547	20	
	50	9,54393,08887	5,63772	9,97164,27028	78635	9,57228,81859	6,42406	10,42771,18141	10	
29	0	9,54398,72575	5,63688	9,97163,48381	78647	9,57235,24194	6,42335	10,42764,75806	0	31
	10	9,54404,36180	5,63605	9,97162,69723	78658	9,57241,66457	6,42263	10,42758,33543	50	
	20	9,54409,99701	5,63521	9,97161,91053	78670	9,57248,08648	6,42191	10,42751,91352	40	
	30	9,54415,63139	5,63438	9,97161,12372	78681	9,57254,50768	6,42120	10,42745,49232	30	
	40	9,54421,26494	5,63355	9,97160,33679	78693	9,57260,92815	6,42047	10,42739,07185	20	
	50	9,54426,89766	5,63272	9,97159,54974	78705	9,57267,34792	6,41977	10,42732,65208	10	
30	0	9,54432,52954	5,63188	9,97158,76258	78716	9,57273,76696	6,41904	10,42726,23304	0	30
		Sin. Comple.	5,63105	SINVVM	78728	Tang. compl.	6,41833	TANGEN.	S	M

20		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,54432,52954		9,97158,76258			9,57273,76696		10,42726,23304	0	30
	10	9,54438,16059	5,63105	9,97157,97530	78728		9,57280,18529	6,41833	10,42719,81471	50	
	20	9,54443,79081	5,63022	9,97157,18790	78740		9,57286,60291	6,41762	10,42713,39709	40	
	30	9,54449,42019	5,62938	9,97156,40039	78751		9,57293,01980	6,41689	10,42706,98020	30	
	40	9,54455,04875	5,62856	9,97155,61276	78763		9,57299,43599	6,41619	10,42700,56401	20	
	50	9,54460,67647	5,62772	9,97154,82502	78774		9,57305,85146	6,41547	10,42694,14854	10	
31	0	9,54466,30336	5,62689	9,97154,03716	78786		9,57312,26621	6,41475	10,42687,73379	0	29
			5,62607		78798			6,41404			
	10	9,54471,92943	5,62523	9,97153,24918	78810		9,57318,68025	6,41332	10,42681,31975	50	
	20	9,54477,55466	5,62440	9,97152,46108	78821		9,57325,09357	6,41261	10,42674,90643	40	
	30	9,54483,17906	5,62357	9,97151,67287	78832		9,57331,50618	6,41190	10,42668,49382	30	
	40	9,54488,80263	5,62273	9,97150,88455	78845		9,57337,91808	6,41118	10,42662,08192	20	
	50	9,54494,42536	5,62191	9,97150,09610	78856		9,57344,32926	6,41047	10,42655,67074	10	
32	0	9,54500,04727	5,62108	9,97149,30754	78867		9,57350,73973	6,40976	10,42649,26027	0	28
	10	9,54505,66835	5,62025	9,97148,51887	78879		9,57357,14949	6,40904	10,42642,85051	50	
	20	9,54511,28860	5,61942	9,97147,73008	78891		9,57363,55853	6,40833	10,42636,44147	40	
	30	9,54516,90802	5,61860	9,97146,94117	78903		9,57369,96686	6,40761	10,42630,03314	30	
	40	9,54522,52662	5,61776	9,97146,15214	78914		9,57376,37447	6,40691	10,42623,62553	20	
	50	9,54528,14438	5,61693	9,97145,36300	78926		9,57382,78138	6,40619	10,42617,21862	10	
33	0	9,54533,76131	5,61611	9,97144,57374	78937		9,57389,18757	6,40548	10,42610,81243	0	27
	10	9,54539,37742	5,61528	9,97143,78437	78949		9,57395,59305	6,40477	10,42604,40695	50	
	20	9,54544,99270	5,61445	9,97142,99488	78961		9,57401,99782	6,40406	10,42598,00218	40	
	30	9,54550,60715	5,61362	9,97142,20527	78973		9,57408,40188	6,40334	10,42591,59812	30	
	40	9,54556,22077	5,61279	9,97141,41554	78984		9,57414,80522	6,40264	10,42585,19478	20	
	50	9,54561,83356	5,61197	9,97140,62570	78995		9,57421,20786	6,40192	10,42578,79214	10	
34	0	9,54567,44553	5,61114	9,97139,83575	79008		9,57427,60978	6,40121	10,42572,39022	0	26
	10	9,54573,05667	5,61031	9,97139,04567	79018		9,57434,01099	6,40051	10,42565,98901	50	
	20	9,54578,66698	5,60949	9,97138,25549	79031		9,57440,41150	6,39979	10,42559,58850	40	
	30	9,54584,27647	5,60866	9,97137,46518	79042		9,57446,81129	6,39908	10,42553,18871	30	
	40	9,54589,88513	5,60783	9,97136,67476	79054		9,57453,21037	6,39837	10,42546,78963	20	
	50	9,54595,49296	5,60701	9,97135,88422	79066		9,57459,60874	6,39766	10,42540,39126	10	
35	0	9,54601,09997	5,60618	9,97135,09356	79077		9,57466,00640	6,39696	10,42533,99360	0	25
	10	9,54606,70615	5,60535	9,97134,30279	79089		9,57472,40336	6,39624	10,42527,59664	50	
	20	9,54612,31150	5,60453	9,97133,51190	79100		9,57478,79960	6,39554	10,42521,20040	40	
	30	9,54617,91603	5,60371	9,97132,72090	79112		9,57485,19514	6,39482	10,42514,80486	30	
	40	9,54623,51974	5,60288	9,97131,92978	79124		9,57491,58996	6,39412	10,42508,41004	20	
	50	9,54629,12262	5,60205	9,97131,13854	79136		9,57497,98408	6,39341	10,42502,01592	10	
36	0	9,54634,72467	5,60123	9,97130,34718	79147		9,57504,37749	6,39270	10,42495,62251	0	24
	10	9,54640,32590	5,60041	9,97129,55571	79158		9,57510,77019	6,39199	10,42489,22981	50	
	20	9,54645,92631	5,59958	9,97128,76413	79171		9,57517,16218	6,39129	10,42482,83782	40	
	30	9,54651,52589	5,59876	9,97127,97242	79182		9,57523,55347	6,39058	10,42476,44653	30	
	40	9,54657,12465	5,59793	9,97127,18060	79194		9,57529,94405	6,38987	10,42470,05595	20	
	50	9,54662,72258	5,59711	9,97126,38866	79205		9,57536,33392	6,38916	10,42463,66608	10	
37	0	9,54668,31969	5,59629	9,97125,59661	79217		9,57542,72308	6,38846	10,42457,27692	0	23
	10	9,54673,91598	5,59547	9,97124,80444	79229		9,57549,11154	6,38775	10,42450,88846	50	
	20	9,54679,51145	5,59464	9,97124,01215	79240		9,57555,49929	6,38704	10,42444,50071	40	
	30	9,54685,10609	5,59382	9,97123,21975	79252		9,57561,88633	6,38634	10,42438,11367	30	
	40	9,54690,69991	5,59299	9,97122,42723	79263		9,57568,27267	6,38564	10,42431,72733	20	
	50	9,54696,29290	5,59218	9,97121,63460	79276		9,57574,65831	6,38492	10,42425,34169	10	
38	0	9,54701,88508	5,59135	9,97120,84184	79287		9,57581,04323	6,38422	10,42418,95677	0	22
	10	9,54707,47643	5,59053	9,97120,04897	79298		9,57587,42745	6,38352	10,42412,57255	50	
	20	9,54713,06696	5,58971	9,97119,25599	79310		9,57593,81097	6,38281	10,42406,18903	40	
	30	9,54718,65667	5,58888	9,97118,46289	79322		9,57600,19378	6,38211	10,42399,80622	30	
	40	9,54724,24555	5,58807	9,97117,66967	79334		9,57606,57589	6,38140	10,42393,42411	20	
	50	9,54729,83362	5,58724	9,97116,87633	79345		9,57612,95729	6,38069	10,42387,04271	10	
39	0	9,54735,42086	5,58643	9,97116,08288	79357		9,57619,33798	6,38000	10,42380,66202	0	21
	10	9,54741,00729	5,58560	9,97115,28931	79368		9,57625,71798	6,37928	10,42374,28202	50	
	20	9,54746,59289	5,58478	9,97114,49563	79381		9,57632,09726	6,37859	10,42367,90274	40	
	30	9,54752,17767	5,58397	9,97113,70182	79391		9,57638,47585	6,37788	10,42361,52415	30	
	40	9,54757,76164	5,58314	9,97112,90791	79404		9,57644,85373	6,37718	10,42355,14627	20	
	50	9,54763,34478	5,58232	9,97112,11387	79415		9,57651,23091	6,37647	10,42348,76909	10	
40	0	9,54768,92710	5,58151	9,97111,31972	79427		9,57657,60738	6,37578	10,42342,39262	0	20
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

20		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
40	0	9,54768,92710		9,97111,31972			9,57657,60738		10,42342,39262	0	20
	10	9,54774,50861	5,58151	9,97110,52545	79427		9,57663,98316	6,37578	10,42336,01684	50	
	20	9,54780,08929	5,58068	9,97109,73107	79438		9,57670,35822	6,37506	10,42329,64178	40	
	30	9,54785,66916	5,57987	9,97108,93657	79450		9,57676,73259	6,37437	10,42323,26741	30	
	40	9,54791,24820	5,57904	9,97108,14195	79462		9,57683,10626	6,37367	10,42316,89374	20	
	50	9,54796,82643	5,57823	9,97107,34721	79474		9,57689,47922	6,37296	10,42310,52078	10	
41	0	9,54802,40384	5,57741	9,97106,55236	79485		9,57695,85148	6,37226	10,42304,14852	0	19
	10	9,54807,98043	5,57659	9,97105,75739	79497		9,57702,22304	6,37156	10,42297,77696	50	
	20	9,54813,55620	5,57577	9,97104,96231	79508		9,57708,59390	6,37086	10,42291,40610	40	
	30	9,54819,13116	5,57496	9,97104,16711	79520		9,57714,96405	6,37015	10,42285,03595	30	
	40	9,54824,70530	5,57414	9,97103,37179	79532		9,57721,33351	6,36946	10,42278,66649	20	
	50	9,54830,27862	5,57332	9,97102,57636	79543		9,57727,70226	6,36875	10,42272,29774	10	
42	0	9,54835,85112	5,57250	9,97101,78081	79555		9,57734,07032	6,36806	10,42265,92968	0	18
	10	9,54841,42281	5,57169	9,97100,98514	79567		9,57740,43767	6,36735	10,42259,56233	50	
	20	9,54846,99368	5,57087	9,97100,18935	79579		9,57746,80432	6,36665	10,42253,19568	40	
	30	9,54852,56373	5,57005	9,97099,39345	79590		9,57753,17028	6,36596	10,42246,82972	30	
	40	9,54858,13297	5,56924	9,97098,59743	79602		9,57759,53553	6,36525	10,42240,46447	20	
	50	9,54863,70139	5,56842	9,97097,80130	79613		9,57765,90009	6,36456	10,42234,09991	10	
43	0	9,54869,26899	5,56760	9,97097,00505	79625		9,57772,26394	6,36385	10,42227,73606	0	17
	10	9,54874,83578	5,56679	9,97096,20868	79637		9,57778,62710	6,36316	10,42221,37290	50	
	20	9,54880,40175	5,56597	9,97095,41220	79648		9,57784,98955	6,36245	10,42215,01045	40	
	30	9,54885,96691	5,56516	9,97094,61560	79660		9,57791,35131	6,36176	10,42208,64869	30	
	40	9,54891,53125	5,56434	9,97093,81888	79672		9,57797,71237	6,36106	10,42202,28763	20	
	50	9,54897,09478	5,56353	9,97093,02204	79684		9,57804,07274	6,36037	10,42195,92726	10	
44	0	9,54902,65749	5,56271	9,97092,22509	79695		9,57810,43240	6,35966	10,42189,56760	0	16
	10	9,54908,21939	5,56190	9,97091,42802	79707		9,57816,79137	6,35897	10,42183,20863	50	
	20	9,54913,78048	5,56109	9,97090,63084	79718		9,57823,14963	6,35826	10,42176,85037	40	
	30	9,54919,34075	5,56027	9,97089,83354	79730		9,57829,50721	6,35758	10,42170,49279	30	
	40	9,54924,90020	5,55945	9,97089,03612	79742		9,57835,86408	6,35687	10,42164,13592	20	
	50	9,54930,45884	5,55864	9,97088,23859	79753		9,57842,22026	6,35618	10,42157,77974	10	
45	0	9,54936,01667	5,55783	9,97087,44093	79766		9,57848,57574	6,35548	10,42151,42426	0	15
	10	9,54941,57369	5,55702	9,97086,64317	79776		9,57854,93052	6,35478	10,42145,06948	50	
	20	9,54947,12989	5,55620	9,97085,84528	79789		9,57861,28461	6,35409	10,42138,71539	40	
	30	9,54952,68528	5,55539	9,97085,04728	79800		9,57867,63800	6,35339	10,42132,36200	30	
	40	9,54958,23986	5,55458	9,97084,24916	79812		9,57873,99070	6,35270	10,42126,00930	20	
	50	9,54963,79363	5,55377	9,97083,45093	79823		9,57880,34270	6,35200	10,42119,65730	10	
46	0	9,54969,34658	5,55295	9,97082,65257	79836		9,57886,69400	6,35130	10,42113,30600	0	14
	10	9,54974,89872	5,55214	9,97081,85411	79846		9,57893,04461	6,35061	10,42106,95539	50	
	20	9,54980,45005	5,55133	9,97081,05552	79859		9,57899,39453	6,34992	10,42100,60547	40	
	30	9,54986,00057	5,55052	9,97080,25682	79870		9,57905,74375	6,34922	10,42094,25625	30	
	40	9,54991,55027	5,54970	9,97079,45800	79882		9,57912,09227	6,34852	10,42087,90773	20	
	50	9,54997,09917	5,54890	9,97078,65906	79894		9,57918,44010	6,34783	10,42081,55990	10	
47	0	9,55002,64725	5,54808	9,97077,86001	79905		9,57924,78724	6,34714	10,42075,21276	0	13
	10	9,55008,19453	5,54728	9,97077,06084	79917		9,57931,13368	6,34644	10,42068,86632	50	
	20	9,55013,74099	5,54646	9,97076,26156	79928		9,57937,47943	6,34575	10,42062,52057	40	
	30	9,55019,28664	5,54565	9,97075,46215	79941		9,57943,82449	6,34506	10,42056,17551	30	
	40	9,55024,83148	5,54484	9,97074,66263	79952		9,57950,16885	6,34436	10,42049,83115	20	
	50	9,55030,37552	5,54404	9,97073,86300	79963		9,57956,51252	6,34367	10,42043,48748	10	
48	0	9,55035,91874	5,54322	9,97073,06324	79976		9,57962,85549	6,34297	10,42037,14451	0	12
	10	9,55041,46115	5,54241	9,97072,26337	79987		9,57969,19778	6,34229	10,42030,80222	50	
	20	9,55047,00276	5,54161	9,97071,46339	79998		9,57975,53937	6,34159	10,42024,46063	40	
	30	9,55052,54355	5,54079	9,97070,66328	80011		9,57981,88027	6,34090	10,42018,11973	30	
	40	9,55058,08354	5,53999	9,97069,86306	80022		9,57988,22047	6,34020	10,42011,77953	20	
	50	9,55063,62271	5,53917	9,97069,06273	80033		9,57994,55999	6,33952	10,42005,44001	10	
49	0	9,55069,16108	5,53837	9,97068,26227	80046		9,58000,89881	6,33882	10,41999,10119	0	11
	10	9,55074,69864	5,53756	9,97067,46170	80057		9,58007,23694	6,33813	10,41992,76306	50	
	20	9,55080,23540	5,53676	9,97066,66101	80069		9,58013,57438	6,33744	10,41986,42562	40	
	30	9,55085,77134	5,53594	9,97065,86021	80080		9,58019,91113	6,33675	10,41980,08887	30	
	40	9,55091,30648	5,53514	9,97065,05929	80092		9,58026,24719	6,33606	10,41973,75281	20	
	50	9,55096,84081	5,53433	9,97064,25825	80104		9,58032,58256	6,33537	10,41967,41744	10	
50	0	9,55102,37433	5,53352	9,97063,45709	80116		9,58038,91724	6,33468	10,41961,08276	0	10
		Sin. Comple.	5,53272	SINVVM	80127		Tang. compl.	6,33399	TANGEN.	S	M

20		SINVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
50	0	9,55102,37433		9,97063,45709		9,58038,91724		10,41961,08276	0	10
	10	9,55107,90705	5,53272	9,97062,65582	80127	9,58045,25123	6,33399	10,41954,74877	50	
	20	9,55113,43895	5,53190	9,97061,85443	80139	9,58051,58452	6,33329	10,41948,41548	40	
	30	9,55118,97006	5,53111	9,97061,05293	80150	9,58057,91713	6,33261	10,41942,08287	30	
	40	9,55124,50035	5,53029	9,97060,25130	80163	9,58064,24905	6,33192	10,41935,75095	20	
	50	9,55130,02984	5,52949	9,97059,44956	80174	9,58070,58028	6,33123	10,41929,41972	10	
51	0	9,55135,55853	5,52869	9,97058,64771	80185	9,58076,91082	6,33054	10,41923,08918	0	9
	10	9,55141,08640	5,52787	9,97057,84573	80198	9,58083,24067	6,32985	10,41916,75933	50	
	20	9,55146,61347	5,52707	9,97057,04364	80209	9,58089,56983	6,32916	10,41910,43017	40	
	30	9,55152,13974	5,52627	9,97056,24144	80220	9,58095,89831	6,32848	10,41904,10169	30	
	40	9,55157,66520	5,52546	9,97055,43911	80233	9,58102,22609	6,32778	10,41897,77391	20	
	50	9,55163,18986	5,52466	9,97054,63667	80244	9,58108,55319	6,32710	10,41891,44681	10	
52	0	9,55168,71371	5,52385	9,97053,83411	80256	9,58114,87960	6,32641	10,41885,12040	0	8
	10	9,55174,23676	5,52305	9,97053,03144	80267	9,58121,20532	6,32572	10,41878,79468	50	
	20	9,55179,75900	5,52224	9,97052,22865	80279	9,58127,53035	6,32503	10,41872,46965	40	
	30	9,55185,28044	5,52144	9,97051,42574	80291	9,58133,85470	6,32435	10,41866,14530	30	
	40	9,55190,80107	5,52063	9,97050,62271	80303	9,58140,17836	6,32366	10,41859,82164	20	
	50	9,55196,32091	5,51984	9,97049,81957	80314	9,58146,50134	6,32298	10,41853,49866	10	
53	0	9,55201,83993	5,51902	9,97049,01631	80326	9,58152,82362	6,32228	10,41847,17638	0	7
	10	9,55207,35816	5,51823	9,97048,21293	80338	9,58159,14522	6,32160	10,41840,85478	50	
	20	9,55212,87558	5,51742	9,97047,40944	80349	9,58165,46614	6,32092	10,41834,53386	40	
	30	9,55218,39220	5,51662	9,97046,60583	80361	9,58171,78637	6,32023	10,41828,21363	30	
	40	9,55223,90801	5,51581	9,97045,80210	80373	9,58178,10591	6,31954	10,41821,89409	20	
	50	9,55229,42302	5,51501	9,97044,99826	80384	9,58184,42476	6,31885	10,41815,57524	10	
54	0	9,55234,93723	5,51421	9,97044,19430	80396	9,58190,74294	6,31818	10,41809,25706	0	6
	10	9,55240,45064	5,51341	9,97043,39022	80408	9,58197,06042	6,31748	10,41802,93958	50	
	20	9,55245,96325	5,51261	9,97042,58603	80419	9,58203,37722	6,31680	10,41796,62278	40	
	30	9,55251,47505	5,51180	9,97041,78171	80432	9,58209,69334	6,31612	10,41790,30666	30	
	40	9,55256,98606	5,51101	9,97040,97728	80443	9,58216,00877	6,31543	10,41783,99123	20	
	50	9,55262,49626	5,51020	9,97040,17274	80454	9,58222,32352	6,31475	10,41777,67648	10	
55	0	9,55268,00566	5,50940	9,97039,36808	80466	9,58228,63758	6,31406	10,41771,36242	0	5
	10	9,55273,51426	5,50860	9,97038,56330	80478	9,58234,95096	6,31338	10,41765,04904	50	
	20	9,55279,02206	5,50780	9,97037,75840	80490	9,58241,26366	6,31270	10,41758,73634	40	
	30	9,55284,52906	5,50700	9,97036,95339	80501	9,58247,57567	6,31201	10,41752,42433	30	
	40	9,55290,03526	5,50620	9,97036,14825	80514	9,58253,88700	6,31133	10,41746,11300	20	
	50	9,55295,54066	5,50540	9,97035,34301	80524	9,58260,19765	6,31065	10,41739,80235	10	
56	0	9,55301,04525	5,50459	9,97034,53764	80537	9,58266,50761	6,30996	10,41733,49239	0	4
	10	9,55306,54905	5,50380	9,97033,73216	80548	9,58272,81689	6,30928	10,41727,18311	50	
	20	9,55312,05205	5,50300	9,97032,92656	80560	9,58279,12549	6,30860	10,41720,87451	40	
	30	9,55317,55425	5,50220	9,97032,12084	80572	9,58285,43341	6,30792	10,41714,56659	30	
	40	9,55323,05565	5,50140	9,97031,31501	80583	9,58291,74064	6,30723	10,41708,25936	20	
	50	9,55328,55626	5,50061	9,97030,50906	80595	9,58298,04719	6,30655	10,41701,95281	10	
57	0	9,55334,05606	5,49980	9,97029,70299	80607	9,58304,35306	6,30587	10,41695,64694	0	3
	10	9,55339,55506	5,49900	9,97028,89681	80618	9,58310,65825	6,30519	10,41689,34175	50	
	20	9,55345,05327	5,49821	9,97028,09051	80630	9,58316,96276	6,30451	10,41683,03724	40	
	30	9,55350,55068	5,49741	9,97027,28409	80642	9,58323,26659	6,30383	10,41676,73341	30	
	40	9,55356,04729	5,49661	9,97026,47756	80653	9,58329,56974	6,30315	10,41670,43026	20	
	50	9,55361,54310	5,49581	9,97025,67090	80666	9,58335,87220	6,30246	10,41664,12780	10	
58	0	9,55367,03812	5,49502	9,97024,86413	80677	9,58342,17399	6,30179	10,41657,82601	0	2
	10	9,55372,53234	5,49422	9,97024,05725	80688	9,58348,47509	6,30110	10,41651,52491	50	
	20	9,55378,02576	5,49342	9,97023,25024	80701	9,58354,77552	6,30043	10,41645,22448	40	
	30	9,55383,51838	5,49262	9,97022,44312	80712	9,58361,07526	6,29974	10,41638,92474	30	
	40	9,55389,01021	5,49183	9,97021,63589	80723	9,58367,37433	6,29907	10,41632,62567	20	
	50	9,55394,50124	5,49103	9,97020,82853	80736	9,58373,67271	6,29838	10,41626,32729	10	
59	0	9,55399,99148	5,49024	9,97020,02106	80747	9,58379,97042	6,29771	10,41620,02958	0	1
	10	9,55405,48092	5,48944	9,97019,21347	80759	9,58386,26745	6,29703	10,41613,73255	50	
	20	9,55410,96956	5,48864	9,97018,40576	80771	9,58392,56380	6,29635	10,41607,43620	40	
	30	9,55416,45741	5,48785	9,97017,59794	80782	9,58398,85947	6,29567	10,41601,14053	30	
	40	9,55421,94446	5,48705	9,97016,79000	80794	9,58405,15446	6,29499	10,41594,84554	20	
	50	9,55427,43072	5,48626	9,97015,98194	80806	9,58411,44878	6,29432	10,41588,55122	10	
60	0	9,55432,91618	5,48546	9,97015,17377	80817	9,58417,74241	6,29363	10,41582,25759	0	0
		Sin. Comple.	5,48467	SINVM	80829	Tang. compl.	6,29296	TANGEN.	S	M

21

M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,55432,91618		9,97015,17377		9,58417,74241		10,41582,25759	o	60
	10	9,55438,40085	5,48467	9,97014,36548	80829	9,58424,03537	6,29296	10,41575,96463	50	
	20	9,55443,88472	5,48387	9,97013,55707	80841	9,58430,32765	6,29228	10,41569,67235	40	
	30	9,55449,36780	5,48308	9,97012,74854	80853	9,58436,61926	6,29161	10,41563,38074	30	
	40	9,55454,85008	5,48228	9,97011,93990	80864	9,58442,91018	6,29092	10,41557,08982	20	
	50	9,55460,33157	5,48149	9,97011,13114	80876	9,58449,20043	6,29025	10,41550,79957	10	
1	0	9,55465,81227	5,48070	9,97010,32226	80888	9,58455,49001	6,28958	10,41544,50999	0	59
	10	9,55471,29217	5,47990	9,97009,51327	80899	9,58461,77891	6,28890	10,41538,22109	50	
	20	9,55476,77128	5,47911	9,97008,70416	80911	9,58468,06713	6,28822	10,41531,93287	40	
	30	9,55482,24960	5,47832	9,97007,89493	80923	9,58474,35467	6,28754	10,41525,64533	30	
	40	9,55487,72712	5,47752	9,97007,08558	80935	9,58480,64154	6,28687	10,41519,35846	20	
	50	9,55493,20385	5,47673	9,97006,27612	80946	9,58486,92773	6,28619	10,41513,07227	10	
2	0	9,55498,67979	5,47594	9,97005,46654	80958	9,58493,21325	6,28552	10,41506,78675	0	58
	10	9,55504,15493	5,47514	9,97004,65684	80970	9,58499,49809	6,28484	10,41500,50191	50	
	20	9,55509,62929	5,47436	9,97003,84703	80981	9,58505,78226	6,28417	10,41494,21774	40	
	30	9,55515,10285	5,47356	9,97003,03709	80994	9,58512,06575	6,28349	10,41487,93425	30	
	40	9,55520,57562	5,47277	9,97002,22705	81004	9,58518,34857	6,28282	10,41481,65143	20	
	50	9,55526,04759	5,47197	9,97001,41688	81017	9,58524,63071	6,28214	10,41475,36929	10	
3	0	9,55531,51878	5,47119	9,97000,60660	81028	9,58530,91218	6,28147	10,41469,08782	0	57
	10	9,55536,98917	5,47039	9,96999,79620	81040	9,58537,19298	6,28080	10,41462,80702	50	
	20	9,55542,45878	5,46961	9,96998,98568	81052	9,58543,47310	6,28012	10,41456,52690	40	
	30	9,55547,92759	5,46881	9,96998,17504	81064	9,58549,75255	6,27945	10,41450,24745	30	
	40	9,55553,39561	5,46802	9,96997,36429	81075	9,58556,03132	6,27877	10,41443,96868	20	
	50	9,55558,86284	5,46723	9,96996,55342	81087	9,58562,30942	6,27810	10,41437,69058	10	
4	0	9,55564,32928	5,46644	9,96995,74244	81098	9,58568,58685	6,27743	10,41431,41315	0	56
	10	9,55569,79494	5,46566	9,96994,93133	81111	9,58574,86360	6,27675	10,41425,13640	50	
	20	9,55575,25980	5,46486	9,96994,12011	81122	9,58581,13969	6,27609	10,41418,86031	40	
	30	9,55580,72387	5,46407	9,96993,30877	81134	9,58587,41510	6,27541	10,41412,58490	30	
	40	9,55586,18715	5,46328	9,96992,49732	81145	9,58593,68983	6,27473	10,41406,31017	20	
	50	9,55591,64964	5,46249	9,96991,68574	81158	9,58599,96390	6,27407	10,41400,03610	10	
5	0	9,55597,11135	5,46171	9,96990,87405	81169	9,58606,23729	6,27339	10,41393,76271	0	55
	10	9,55602,57226	5,46091	9,96990,06225	81180	9,58612,51002	6,27273	10,41387,48998	50	
	20	9,55608,03239	5,46013	9,96989,25032	81193	9,58618,78207	6,27205	10,41381,21793	40	
	30	9,55613,49173	5,45934	9,96988,43828	81204	9,58625,05345	6,27138	10,41374,94655	30	
	40	9,55618,95028	5,45855	9,96987,62612	81216	9,58631,32416	6,27071	10,41368,67584	20	
	50	9,55624,40804	5,45776	9,96986,81385	81227	9,58637,59420	6,27004	10,41362,40580	10	
6	0	9,55629,86502	5,45698	9,96986,00145	81240	9,58643,86356	6,26936	10,41356,13644	0	54
	10	9,55635,32120	5,45618	9,96985,18894	81251	9,58650,13226	6,26870	10,41349,86774	50	
	20	9,55640,77660	5,45540	9,96984,37631	81263	9,58656,40029	6,26803	10,41343,59971	40	
	30	9,55646,23121	5,45461	9,96983,56357	81274	9,58662,66764	6,26735	10,41337,33236	30	
	40	9,55651,68504	5,45383	9,96982,75070	81287	9,58668,93433	6,26669	10,41331,06567	20	
	50	9,55657,13807	5,45303	9,96981,93772	81298	9,58675,20035	6,26602	10,41324,79965	10	
7	0	9,55662,59033	5,45226	9,96981,12463	81309	9,58681,46570	6,26535	10,41318,53430	0	53
	10	9,55668,04179	5,45146	9,96980,31141	81322	9,58687,73038	6,26468	10,41312,26962	50	
	20	9,55673,49247	5,45068	9,96979,49808	81333	9,58693,99439	6,26401	10,41306,00561	40	
	30	9,55678,94236	5,44989	9,96978,68463	81345	9,58700,25773	6,26334	10,41299,74227	30	
	40	9,55684,39147	5,44911	9,96977,87107	81356	9,58706,52040	6,26267	10,41293,47960	20	
	50	9,55689,83979	5,44832	9,96977,05738	81369	9,58712,78241	6,26201	10,41287,21759	10	
8	0	9,55695,28732	5,44753	9,96976,24358	81380	9,58719,04374	6,26133	10,41280,95626	0	52
	10	9,55700,73407	5,44675	9,96975,42966	81392	9,58725,30441	6,26067	10,41274,69559	50	
	20	9,55706,18004	5,44597	9,96974,61563	81403	9,58731,56441	6,26000	10,41268,43559	40	
	30	9,55711,62522	5,44518	9,96973,80147	81416	9,58737,82375	6,25934	10,41262,17625	30	
	40	9,55717,06961	5,44439	9,96972,98720	81427	9,58744,08241	6,25866	10,41255,91759	20	
	50	9,55722,51322	5,44361	9,96972,17281	81439	9,58750,34041	6,25800	10,41249,65959	10	
9	0	9,55727,95605	5,44283	9,96971,35831	81450	9,58756,59774	6,25733	10,41243,40226	0	51
	10	9,55733,39809	5,44204	9,96970,54369	81462	9,58762,85441	6,25667	10,41237,14559	50	
	20	9,55738,83935	5,44126	9,96969,72895	81474	9,58769,11040	6,25599	10,41230,88960	40	
	30	9,55744,27983	5,44048	9,96968,91409	81486	9,58775,36574	6,25534	10,41224,63426	30	
	40	9,55749,71952	5,43969	9,96968,09911	81498	9,58781,62040	6,25466	10,41218,37960	20	
	50	9,55755,15842	5,43890	9,96967,28402	81509	9,58787,87440	6,25400	10,41212,12560	10	
10	0	9,55760,59655	5,43813	9,96966,46881	81521	9,58794,12774	6,25334	10,41205,87226	0	50
		Sin. Comple.	5,43734	SINVVM	81532	Tang. compl.	6,25267	TANGEN.	S	M

21		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
10	0	9,55760,59655		9,96966,46881			9,58794,12774		10,41205,87226	0	50
	10	9,55766,03389	5,43734	9,96965,65349	81532		9,58800,38041	6,25267	10,41199,61959	50	
	20	9,55771,47045	5,43656	9,96964,83804	81545		9,58806,63241	6,25200	10,41193,36759	40	
	30	9,55776,90623	5,43578	9,96964,02248	81556		9,58812,88375	6,25134	10,41187,11625	30	
	40	9,55782,34122	5,43499	9,96963,20680	81568		9,58819,13442	6,25067	10,41180,86558	20	
	50	9,55787,77543	5,43421	9,96962,39101	81579		9,58825,38443	6,25001	10,41174,61557	10	
11	0	9,55793,20886	5,43343	9,96961,57509	81592		9,58831,63377	6,24934	10,41168,36623	0	49
	10	9,55798,64151	5,43265	9,96960,75906	81603		9,58837,88245	6,24868	10,41162,11755	50	
	20	9,55804,07338	5,43187	9,96959,94291	81615		9,58844,13047	6,24802	10,41155,86953	40	
	30	9,55809,50446	5,43108	9,96959,12665	81626		9,58850,37782	6,24735	10,41149,62218	30	
	40	9,55814,93477	5,43031	9,96958,31026	81639		9,58856,62451	6,24669	10,41143,37549	20	
	50	9,55820,36429	5,42952	9,96957,49376	81650		9,58862,87053	6,24602	10,41137,12947	10	
12	0	9,55825,79303	5,42874	9,96956,67714	81662		9,58869,11589	6,24536	10,41130,88411	0	48
	10	9,55831,22100	5,42797	9,96955,86041	81673		9,58875,36059	6,24470	10,41124,63941	50	
	20	9,55836,64818	5,42718	9,96955,04355	81686		9,58881,60462	6,24403	10,41118,39538	40	
	30	9,55842,07458	5,42640	9,96954,22658	81697		9,58887,84800	6,24338	10,41112,15200	30	
	40	9,55847,50020	5,42562	9,96953,40950	81708		9,58894,09071	6,24271	10,41105,90929	20	
	50	9,55852,92504	5,42484	9,96952,59229	81721		9,58900,33275	6,24204	10,41099,66725	10	
13	0	9,55858,34910	5,42406	9,96951,77497	81732		9,58906,57414	6,24139	10,41093,42586	0	47
	10	9,55863,77239	5,42329	9,96950,95753	81744		9,58912,81486	6,24072	10,41087,18514	50	
	20	9,55869,19489	5,42250	9,96950,13997	81756		9,58919,05492	6,24006	10,41080,94508	40	
	30	9,55874,61661	5,42172	9,96949,32229	81768		9,58925,29432	6,23940	10,41074,70568	30	
	40	9,55880,03756	5,42095	9,96948,50450	81779		9,58931,53306	6,23874	10,41068,46694	20	
	50	9,55885,45773	5,42017	9,96947,68659	81791		9,58937,77114	6,23808	10,41062,22886	10	
14	0	9,55890,87712	5,41939	9,96946,86856	81803		9,58944,00855	6,23741	10,41055,99145	0	46
	10	9,55896,29573	5,41861	9,96946,05042	81814		9,58950,24531	6,23676	10,41049,75469	50	
	20	9,55901,71356	5,41783	9,96945,23215	81827		9,58956,48140	6,23609	10,41043,51860	40	
	30	9,55907,13061	5,41705	9,96944,41377	81838		9,58962,71684	6,23544	10,41037,28316	30	
	40	9,55912,54689	5,41628	9,96943,59528	81849		9,58968,95161	6,23477	10,41031,04839	20	
	50	9,55917,96239	5,41550	9,96942,77666	81862		9,58975,18573	6,23412	10,41024,81427	10	
15	0	9,55923,37711	5,41472	9,96941,95793	81873		9,58981,41918	6,23345	10,41018,58082	0	45
	10	9,55928,79105	5,41394	9,96941,13908	81885		9,58987,65198	6,23280	10,41012,34802	50	
	20	9,55934,20422	5,41317	9,96940,32011	81897		9,58993,88411	6,23213	10,41006,11589	40	
	30	9,55939,61661	5,41239	9,96939,50102	81909		9,58999,11559	6,23148	10,40999,88441	30	
	40	9,55945,02823	5,41162	9,96938,68182	81920		9,59006,34641	6,23082	10,40993,65359	20	
	50	9,55950,43907	5,41084	9,96937,86250	81932		9,59012,57657	6,23016	10,40987,42343	10	
16	0	9,55955,84913	5,41006	9,96937,04306	81944		9,59018,80607	6,22950	10,40981,19393	0	44
	10	9,55961,25842	5,40929	9,96936,22351	81955		9,59025,03491	6,22884	10,40974,96509	50	
	20	9,55966,66693	5,40851	9,96935,40383	81968		9,59031,26309	6,22818	10,40968,73691	40	
	30	9,55972,07466	5,40773	9,96934,58404	81979		9,59037,49062	6,22753	10,40962,50938	30	
	40	9,55977,48162	5,40696	9,96933,76414	81990		9,59043,71749	6,22687	10,40956,28251	20	
	50	9,55982,88781	5,40619	9,96932,94411	82003		9,59049,94370	6,22621	10,40950,05630	10	
17	0	9,55988,29321	5,40540	9,96932,12397	82014		9,59056,16925	6,22555	10,40943,83075	0	43
	10	9,55993,69785	5,40464	9,96931,30371	82026		9,59062,39414	6,22489	10,40937,60586	50	
	20	9,55999,10171	5,40386	9,96930,48333	82038		9,59068,61838	6,22424	10,40931,38162	40	
	30	9,56004,50480	5,40309	9,96929,66283	82050		9,59074,84197	6,22359	10,40925,15803	30	
	40	9,56009,90711	5,40231	9,96928,84222	82061		9,59081,06489	6,22292	10,40918,93511	20	
	50	9,56015,30865	5,40154	9,96928,02149	82073		9,59087,28716	6,22227	10,40912,71284	10	
18	0	9,56020,70941	5,40076	9,96927,20064	82085		9,59093,50877	6,22161	10,40906,49123	0	42
	10	9,56026,10940	5,39999	9,96926,37967	82097		9,59099,72973	6,22096	10,40900,27027	50	
	20	9,56031,50862	5,39922	9,96925,55859	82108		9,59105,95003	6,22030	10,40894,04997	40	
	30	9,56036,90706	5,39844	9,96924,73739	82120		9,59112,16968	6,21965	10,40887,83032	30	
	40	9,56042,30473	5,39767	9,96923,91607	82132		9,59118,38867	6,21899	10,40881,61133	20	
	50	9,56047,70163	5,39690	9,96923,09463	82144		9,59124,60700	6,21833	10,40875,39300	10	
19	0	9,56053,09775	5,39612	9,96922,27307	82156		9,59130,82468	6,21768	10,40869,17532	0	41
	10	9,56058,49311	5,39536	9,96921,45140	82167		9,59137,04170	6,21702	10,40862,95830	50	
	20	9,56063,88769	5,39458	9,96920,62961	82179		9,59143,25807	6,21637	10,40856,74193	40	
	30	9,56069,28150	5,39381	9,96919,80771	82190		9,59149,47379	6,21572	10,40850,52621	30	
	40	9,56074,67453	5,39303	9,96918,98568	82203		9,59155,68885	6,21506	10,40844,31115	20	
	50	9,56080,06680	5,39227	9,96918,16354	82214		9,59161,90326	6,21441	10,40838,09674	10	
20	0	9,56085,45829	5,39149	9,96917,34128	82226		9,59168,11701	6,21375	10,40831,88299	0	40
		Sin. Comple.	5,39072	SINVVM	82238		Tang. compl.	6,21310	TANGEN.	S	M

21		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
20	0	9,56085,45829		9,96917,34128	82238		9,59168,11701		10,40831,88299	0	40
	10	9,56090,84901	5,39072	9,96916,51890	82250		9,59174,33011	6,21310	10,40825,66989	50	
	20	9,56096,23896	5,38995	9,96915,69640	82261		9,59180,54256	6,21245	10,40819,45744	40	
	30	9,56101,62814	5,38918	9,96914,87379	82273		9,59186,75435	6,21179	10,40813,24565	30	
	40	9,56107,01655	5,38841	9,96914,05106	82285		9,59192,96549	6,21114	10,40807,03451	20	
	50	9,56112,40419	5,38764	9,96913,22821	82296		9,59199,17598	6,21049	10,40800,82402	10	
21	0	9,56117,79106	5,38687	9,96912,40525	82309		9,59205,38581	6,20983	10,40794,61419	0	39
	10	9,56123,17716	5,38610	9,96911,58216	82320		9,59211,59500	6,20919	10,40788,40500	50	
	20	9,56128,56249	5,38533	9,96910,75896	82332		9,59217,80353	6,20853	10,40782,19647	40	
	30	9,56133,94705	5,38456	9,96909,93564	82344		9,59224,01140	6,20787	10,40775,98860	30	
	40	9,56139,33083	5,38378	9,96909,11220	82355		9,59230,21863	6,20723	10,40769,78137	20	
	50	9,56144,71385	5,38302	9,96908,28865	82367		9,59236,42520	6,20657	10,40763,57480	10	
22	0	9,56150,09610	5,38225	9,96907,46498	82379		9,59242,63113	6,20593	10,40757,36887	0	38
	10	9,56155,47759	5,38149	9,96906,64119	82391		9,59248,83640	6,20527	10,40751,16360	50	
	20	9,56160,85830	5,38071	9,96905,81728	82403		9,59255,04102	6,20462	10,40744,95898	40	
	30	9,56166,23824	5,37994	9,96904,99325	82414		9,59261,24499	6,20397	10,40738,75501	30	
	40	9,56171,61742	5,37918	9,96904,16911	82426		9,59267,44831	6,20332	10,40732,55169	20	
	50	9,56176,99583	5,37841	9,96903,34485	82438		9,59273,65097	6,20266	10,40726,34903	10	
23	0	9,56182,37346	5,37763	9,96902,52047	82449		9,59279,85299	6,20202	10,40720,14701	0	37
	10	9,56187,75034	5,37688	9,96902,52047	82449		9,59286,05436	6,20137	10,40714,94564	50	
	20	9,56193,12644	5,37610	9,96901,69598	82462		9,59292,25508	6,20072	10,40707,74492	40	
	30	9,56198,50178	5,37534	9,96900,87136	82473		9,59298,45515	6,20007	10,40701,54485	30	
	40	9,56203,87634	5,37456	9,96899,04663	82485		9,59304,65456	6,19941	10,40695,34544	20	
	50	9,56209,25015	5,37381	9,96899,22178	82497		9,59310,85333	6,19877	10,40689,14667	10	
24	0	9,56214,62318	5,37303	9,96898,39681	82508		9,59317,05145	6,19812	10,40682,94855	0	36
	10	9,56219,99545	5,37227	9,96897,57173	82520		9,59323,24892	6,19747	10,40676,75108	50	
	20	9,56225,36695	5,37150	9,96896,74653	82533		9,59329,44575	6,19683	10,40670,55425	40	
	30	9,56230,73769	5,37074	9,96895,92120	82543		9,59335,64192	6,19617	10,40664,35808	30	
	40	9,56236,10765	5,36996	9,96895,09577	82556		9,59341,83744	6,19552	10,40658,16256	20	
	50	9,56241,47686	5,36921	9,96894,27021	82567		9,59348,03232	6,19488	10,40651,96768	10	
25	0	9,56246,84530	5,36844	9,96893,44454	82580		9,59354,22655	6,19423	10,40645,77345	0	35
	10	9,56252,21297	5,36767	9,96892,61874	82590		9,59360,42013	6,19358	10,40639,57987	50	
	20	9,56257,57987	5,36690	9,96891,79284	82603		9,59366,61306	6,19293	10,40633,38694	40	
	30	9,56262,94601	5,36614	9,96890,96681	82615		9,59372,80535	6,19229	10,40627,19465	30	
	40	9,56268,31139	5,36538	9,96889,14066	82626		9,59378,99699	6,19164	10,40621,00301	20	
	50	9,56273,67600	5,36461	9,96888,31440	82638		9,59385,18798	6,19099	10,40614,81202	10	
26	0	9,56279,03985	5,36385	9,96888,48802	82650		9,59391,37833	6,19035	10,40608,62167	0	34
	10	9,56284,40293	5,36308	9,96887,66152	82661		9,59397,56802	6,18969	10,40602,43198	50	
	20	9,56289,76525	5,36232	9,96886,83491	82674		9,59403,75708	6,18906	10,40596,24292	40	
	30	9,56295,12680	5,36155	9,96885,00817	82685		9,59409,94548	6,18840	10,40590,05452	30	
	40	9,56300,48759	5,36079	9,96884,18132	82697		9,59416,13324	6,18776	10,40583,86676	20	
	50	9,56305,84762	5,36003	9,96884,35435	82709		9,59422,32036	6,18712	10,40577,67964	10	
27	0	9,56311,20688	5,35926	9,96883,52726	82720		9,59428,50682	6,18646	10,40571,49318	0	33
	10	9,56316,56538	5,35850	9,96882,70006	82733		9,59434,69265	6,18583	10,40565,30735	50	
	20	9,56321,92312	5,35774	9,96881,87273	82744		9,59440,87782	6,18517	10,40559,12218	40	
	30	9,56327,28009	5,35697	9,96881,04529	82756		9,59447,06235	6,18453	10,40552,93765	30	
	40	9,56332,63630	5,35621	9,96880,21773	82767		9,59453,24624	6,18389	10,40546,75376	20	
	50	9,56337,99175	5,35545	9,96879,39006	82780		9,59459,42948	6,18324	10,40540,57052	10	
28	0	9,56343,34643	5,35468	9,96878,56226	82791		9,59465,61208	6,18260	10,40534,38792	0	32
	10	9,56348,70036	5,35393	9,96877,73435	82803		9,59471,79404	6,18196	10,40528,20596	50	
	20	9,56354,05352	5,35316	9,96876,90632	82815		9,59477,97535	6,18131	10,40522,02465	40	
	30	9,56359,40592	5,35240	9,96875,07817	82826		9,59484,15601	6,18066	10,40515,84399	30	
	40	9,56364,75756	5,35164	9,96874,24991	82839		9,59490,33603	6,18002	10,40509,66397	20	
	50	9,56370,10843	5,35087	9,96873,42152	82850		9,59496,51541	6,17938	10,40503,48459	10	
29	0	9,56375,45855	5,35012	9,96872,59302	82862		9,59502,69415	6,17874	10,40497,30585	0	31
	10	9,56380,80790	5,34935	9,96871,76440	82874		9,59508,87224	6,17809	10,40491,12776	50	
	20	9,56386,15649	5,34859	9,96870,93566	82885		9,59515,04969	6,17745	10,40484,95031	40	
	30	9,56391,50433	5,34784	9,96871,10681	82898		9,59521,22649	6,17680	10,40478,77351	30	
	40	9,56396,85140	5,34707	9,96870,27783	82909		9,59527,40266	6,17617	10,40472,59734	20	
	50	9,56402,19771	5,34631	9,96869,44874	82921		9,59533,57818	6,17552	10,40466,42182	10	
30	0	9,56407,54326	5,34555	9,96868,61953	82932		9,59539,75305	6,17487	10,40460,24695	0	30
		Sin. Comple.	5,34479	9,96867,79021	82945		Tang. compl.	6,17424	TANGEN.	S	M

21		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,56407,54326		9,96867,79021			9,59539,75305		10,40460,24695	0	30
	10	9,56412,88805	5,34479	9,96866,96076	82945		9,59545,92729	6,17424	10,40454,07271	50	
	20	9,56418,23209	5,34404	9,96866,13120	82956		9,59552,10089	6,17360	10,40447,89911	40	
	30	9,56423,57536	5,34327	9,96865,30152	82968		9,59558,27384	6,17295	10,40441,72616	30	
	40	9,56428,91787	5,34251	9,96864,47172	82980		9,59564,44615	6,17231	10,40435,55385	20	
	50	9,56434,25962	5,34175	9,96863,64180	82992		9,59570,61782	6,17167	10,40429,38218	10	
31	0	9,56439,60062	5,34100	9,96862,81177	83003		9,59576,78885	6,17103	10,40423,21115	0	29
	10	9,56444,94085	5,34023	9,96861,98162	83015		9,59582,95924	6,17039	10,40417,04076	50	
	20	9,56450,28033	5,33948	9,96861,15135	83027		9,59589,12899	6,16975	10,40410,87101	40	
	30	9,56455,61905	5,33872	9,96860,32096	83039		9,59595,29809	6,16910	10,40404,70191	30	
	40	9,56460,95701	5,33796	9,96859,49045	83051		9,59601,46656	6,16847	10,40398,53344	20	
	50	9,56466,29421	5,33720	9,96858,65983	83062		9,59607,63439	6,16783	10,40392,36561	10	
32	0	9,56471,63066	5,33645	9,96857,82908	83075		9,59613,80157	6,16718	10,40386,19843	0	28
	10	9,56476,96634	5,33568	9,96856,99822	83086		9,59619,96812	6,16655	10,40380,03188	50	
	20	9,56482,30127	5,33493	9,96856,16724	83098		9,59626,13403	6,16591	10,40373,86597	40	
	30	9,56487,63545	5,33418	9,96855,33615	83109		9,59632,29930	6,16527	10,40367,70070	30	
	40	9,56492,96886	5,33341	9,96854,50493	83122		9,59638,46393	6,16463	10,40361,53607	20	
	50	9,56498,30152	5,33266	9,96853,67360	83133		9,59644,62792	6,16399	10,40355,37208	10	
33	0	9,56503,63342	5,33190	9,96852,84215	83145		9,59650,79127	6,16335	10,40349,20873	0	27
	10	9,56508,96456	5,33114	9,96852,01058	83157		9,59656,95398	6,16271	10,40343,04602	50	
	20	9,56514,29495	5,33039	9,96851,17890	83168		9,59663,11605	6,16207	10,40336,88395	40	
	30	9,56519,62458	5,32963	9,96850,34709	83181		9,59669,27749	6,16144	10,40330,72251	30	
	40	9,56524,95346	5,32888	9,96849,51517	83192		9,59675,43829	6,16080	10,40324,56171	20	
	50	9,56530,28158	5,32812	9,96848,68313	83204		9,59681,59845	6,16016	10,40318,40155	10	
34	0	9,56535,60894	5,32736	9,96847,85097	83216		9,59687,75797	6,15952	10,40312,24203	0	26
	10	9,56540,93555	5,32661	9,96847,01870	83227		9,59693,91686	6,15889	10,40306,08314	50	
	20	9,56546,26141	5,32586	9,96846,18630	83240		9,59700,07511	6,15825	10,40299,92489	40	
	30	9,56551,58650	5,32509	9,96845,35379	83251		9,59706,23272	6,15761	10,40293,76728	30	
	40	9,56556,91085	5,32435	9,96844,52116	83263		9,59712,38969	6,15697	10,40287,61031	20	
	50	9,56562,23444	5,32359	9,96843,68841	83275		9,59718,54603	6,15634	10,40281,45397	10	
35	0	9,56567,55727	5,32283	9,96842,85554	83287		9,59724,70173	6,15570	10,40275,29827	0	25
	10	9,56572,87935	5,32208	9,96842,02256	83298		9,59730,85679	6,15506	10,40269,14321	50	
	20	9,56578,20068	5,32133	9,96841,18946	83310		9,59737,01122	6,15443	10,40262,98878	40	
	30	9,56583,52125	5,32057	9,96840,35624	83322		9,59743,16501	6,15379	10,40256,83499	30	
	40	9,56588,84107	5,31982	9,96839,52290	83334		9,59749,31817	6,15316	10,40250,68183	20	
	50	9,56594,16013	5,31906	9,96838,68944	83346		9,59755,47069	6,15252	10,40244,52931	10	
36	0	9,56599,47844	5,31831	9,96837,85586	83358		9,59761,62258	6,15189	10,40238,37742	0	24
	10	9,56604,79600	5,31756	9,96837,02217	83369		9,59767,77383	6,15125	10,40232,22617	50	
	20	9,56610,11280	5,31680	9,96836,18836	83381		9,59773,92444	6,15061	10,40226,07556	40	
	30	9,56615,42885	5,31605	9,96835,35443	83393		9,59780,07442	6,14998	10,40219,92558	30	
	40	9,56620,74415	5,31530	9,96834,52038	83405		9,59786,22377	6,14935	10,40213,77623	20	
	50	9,56626,05870	5,31455	9,96833,68622	83416		9,59792,37248	6,14871	10,40207,62752	10	
37	0	9,56631,37249	5,31379	9,96832,85194	83428		9,59798,52056	6,14808	10,40201,47944	0	23
	10	9,56636,68554	5,31305	9,96832,01753	83441		9,59804,66800	6,14744	10,40195,33200	50	
	20	9,56641,99783	5,31229	9,96831,18301	83452		9,59810,81481	6,14681	10,40189,18519	40	
	30	9,56647,30936	5,31153	9,96830,34838	83463		9,59816,96099	6,14618	10,40183,03901	30	
	40	9,56652,62015	5,31079	9,96829,51362	83476		9,59823,10653	6,14554	10,40176,89347	20	
	50	9,56657,93019	5,31004	9,96828,67875	83487		9,59829,25144	6,14491	10,40170,74856	10	
38	0	9,56663,23947	5,30928	9,96827,84375	83500		9,59835,39571	6,14427	10,40164,60429	0	22
	10	9,56668,54800	5,30853	9,96827,00864	83511		9,59841,53936	6,14365	10,40158,46064	50	
	20	9,56673,85578	5,30778	9,96826,17342	83522		9,59847,68237	6,14301	10,40152,31763	40	
	30	9,56679,16281	5,30703	9,96825,33807	83535		9,59853,82475	6,14238	10,40146,17525	30	
	40	9,56684,46910	5,30629	9,96824,50260	83547		9,59859,96649	6,14174	10,40140,03351	20	
	50	9,56689,77463	5,30553	9,96823,66702	83558		9,59866,10760	6,14111	10,40133,89240	10	
39	0	9,56695,07941	5,30478	9,96822,83132	83570		9,59872,24809	6,14049	10,40127,75191	0	21
	10	9,56700,38344	5,30403	9,96821,99550	83582		9,59878,38794	6,13985	10,40121,61206	50	
	20	9,56705,68672	5,30328	9,96821,15956	83594		9,59884,52715	6,13921	10,40115,47285	40	
	30	9,56710,98925	5,30253	9,96820,32351	83605		9,59890,66574	6,13859	10,40109,33426	30	
	40	9,56716,29103	5,30178	9,96819,48733	83618		9,59896,80370	6,13796	10,40103,19630	20	
	50	9,56721,59206	5,30103	9,96818,65104	83629		9,59902,94102	6,13732	10,40097,05898	10	
40	0	9,56726,89235	5,30029	9,96817,81463	83641		9,59909,07771	6,13669	10,40090,92229	0	20
		Sin. Comple.	5,29953	SINVVM	83653		Tang. compl.	6,13607	TANGEN.	S	M

21		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,56726,89235		9,96817,81463		9,59909,07771		10,40090,92229	0	20
	10	9,56732,19188	5,29953	9,96816,97810	83653	9,59915,21378	6,13607	10,40084,78622	50	
	20	9,56737,49067	5,29879	9,96816,14146	83664	9,59921,34921	6,13543	10,40078,65079	40	
	30	9,56742,78870	5,29803	9,96815,30469	83677	9,59927,48401	6,13480	10,40072,51599	30	
	40	9,56748,08599	5,29729	9,96814,46781	83688	9,59933,61818	6,13417	10,40066,38182	20	
	50	9,56753,38253	5,29654	9,96813,63081	83700	9,59939,75172	6,13354	10,40060,24828	10	
41	0	9,56758,67833	5,29580	9,96812,79369	83712	9,59945,88464	6,13292	10,40054,11536	0	19
	10	9,56763,97337	5,29504	9,96811,95645	83724	9,59952,01692	6,13228	10,40047,98308	50	
	20	9,56769,26767	5,29430	9,96811,11910	83735	9,59958,14857	6,13165	10,40041,85143	40	
	30	9,56774,56122	5,29355	9,96810,28162	83748	9,59964,27960	6,13103	10,40035,72040	30	
	40	9,56779,85402	5,29280	9,96809,44403	83759	9,59970,40999	6,13039	10,40029,59001	20	
	50	9,56785,14608	5,29206	9,96808,60632	83771	9,59976,53976	6,12977	10,40023,46024	10	
42	0	9,56790,43739	5,29131	9,96807,76849	83783	9,59982,66890	6,12914	10,40017,33110	0	18
	10	9,56795,72795	5,29056	9,96806,93054	83795	9,59988,79741	6,12851	10,40011,20259	50	
	20	9,56801,01777	5,28982	9,96806,09248	83806	9,59994,92529	6,12788	10,40005,07471	40	
	30	9,56806,30683	5,28906	9,96805,25430	83818	9,60001,05254	6,12725	10,39998,94746	30	
	40	9,56811,59516	5,28833	9,96804,41599	83831	9,60007,17917	6,12663	10,39992,82083	20	
	50	9,56816,88274	5,28758	9,96803,57757	83842	9,60013,30516	6,12599	10,39986,69484	10	
43	0	9,56822,16957	5,28683	9,96802,73904	83853	9,60019,43053	6,12537	10,39980,56947	0	17
	10	9,56827,45565	5,28608	9,96801,90038	83866	9,60025,55528	6,12475	10,39974,44472	50	
	20	9,56832,74100	5,28535	9,96801,06160	83878	9,60031,67939	6,12411	10,39968,32061	40	
	30	9,56838,02559	5,28459	9,96800,22271	83889	9,60037,80288	6,12349	10,39962,19712	30	
	40	9,56843,30944	5,28385	9,96799,38370	83901	9,60043,92574	6,12286	10,39956,07426	20	
	50	9,56848,59255	5,28311	9,96798,54457	83913	9,60050,04798	6,12224	10,39949,95202	10	
44	0	9,56853,87491	5,28236	9,96797,70532	83925	9,60056,16959	6,12161	10,39943,83041	0	16
	10	9,56859,15653	5,28162	9,96796,86596	83936	9,60062,29057	6,12098	10,39937,70943	50	
	20	9,56864,43740	5,28087	9,96796,02647	83949	9,60068,41093	6,12036	10,39931,58907	40	
	30	9,56869,71753	5,28013	9,96795,18687	83960	9,60074,53066	6,11973	10,39925,46934	30	
	40	9,56874,99691	5,27938	9,96794,34715	83972	9,60080,64976	6,11910	10,39919,35024	20	
	50	9,56880,27555	5,27864	9,96793,50731	83984	9,60086,76824	6,11848	10,39913,23176	10	
45	0	9,56885,55345	5,27790	9,96792,66735	83996	9,60092,88610	6,11786	10,39907,11390	0	15
	10	9,56890,83060	5,27715	9,96791,82727	84008	9,60099,00333	6,11723	10,39900,99667	50	
	20	9,56896,10701	5,27641	9,96790,98708	84019	9,60105,11993	6,11660	10,39894,88007	40	
	30	9,56901,38268	5,27567	9,96790,14677	84031	9,60111,23591	6,11598	10,39888,76409	30	
	40	9,56906,65760	5,27492	9,96789,30634	84043	9,60117,35127	6,11536	10,39882,64873	20	
	50	9,56911,93178	5,27418	9,96788,46579	84055	9,60123,46600	6,11473	10,39876,53400	10	
46	0	9,56917,20522	5,27344	9,96787,62512	84067	9,60129,58011	6,11411	10,39870,41989	0	14
	10	9,56922,47792	5,27270	9,96786,78433	84079	9,60135,69359	6,11348	10,39864,30641	50	
	20	9,56927,74988	5,27196	9,96785,94343	84090	9,60141,80645	6,11286	10,39858,19355	40	
	30	9,56933,02109	5,27121	9,96785,10241	84102	9,60147,91868	6,11223	10,39852,08132	30	
	40	9,56938,29156	5,27047	9,96784,26126	84115	9,60154,03030	6,11162	10,39845,96970	20	
	50	9,56943,56129	5,26973	9,96783,42000	84126	9,60160,14128	6,11098	10,39839,85872	10	
47	0	9,56948,83028	5,26899	9,96782,57863	84137	9,60166,25165	6,11037	10,39833,74835	0	13
	10	9,56954,09852	5,26824	9,96781,73713	84150	9,60172,36139	6,10974	10,39827,63861	50	
	20	9,56959,36603	5,26751	9,96780,89552	84161	9,60178,47051	6,10912	10,39821,52949	40	
	30	9,56964,63279	5,26676	9,96780,05378	84174	9,60184,57901	6,10850	10,39815,42099	30	
	40	9,56969,89882	5,26603	9,96779,21193	84185	9,60190,68689	6,10788	10,39809,31311	20	
	50	9,56975,16410	5,26528	9,96778,36996	84197	9,60196,79414	6,10725	10,39803,20586	10	
48	0	9,56980,42865	5,26455	9,96777,52787	84209	9,60202,90077	6,10663	10,39797,09923	0	12
	10	9,56985,69245	5,26380	9,96776,68567	84220	9,60209,00678	6,10601	10,39790,99322	50	
	20	9,56990,95551	5,26306	9,96775,84334	84233	9,60215,11217	6,10539	10,39784,88783	40	
	30	9,56996,21784	5,26233	9,96775,00090	84244	9,60221,21694	6,10477	10,39778,78306	30	
	40	9,57001,47942	5,26158	9,96774,15833	84257	9,60227,32108	6,10414	10,39772,67892	20	
	50	9,57006,74026	5,26084	9,96773,31565	84268	9,60233,42461	6,10353	10,39766,57539	10	
49	0	9,57012,00037	5,26011	9,96772,47286	84279	9,60239,52751	6,10290	10,39760,47249	0	11
	10	9,57017,25973	5,25936	9,96771,62994	84292	9,60245,62980	6,10229	10,39754,37020	50	
	20	9,57022,51836	5,25863	9,96770,78690	84304	9,60251,73146	6,10166	10,39748,26854	40	
	30	9,57027,77625	5,25789	9,96769,94375	84315	9,60257,83250	6,10104	10,39742,16750	30	
	40	9,57033,03340	5,25715	9,96769,10048	84327	9,60263,93292	6,10042	10,39736,06708	20	
	50	9,57038,28981	5,25641	9,96768,25708	84340	9,60270,03273	6,09981	10,39729,96727	10	
50	0	9,57043,54548	5,25567	9,96767,41358	84350	9,60276,13191	6,09918	10,39723,86809	0	10
		Sin. Comple.	5,25494	SINVVM	84363	Tang. compl.	6,09856	TANGEN.	S	M

21		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	commu- nes.	Logarithmi.		
50	0	9,57043,54548		9,96767,41358	84363	9,60276,13191	6,09856	10,39723,86809	0	10
51	10	9,57048,80042	5,25494	9,96766,56995	84375	9,60282,23047	6,09795	10,39717,76953	50	9
	20	9,57054,05462	5,25420	9,96765,72620	84386	9,60288,32842	6,09732	10,39711,67158	40	
	30	9,57059,30808	5,25346	9,96764,88234	84399	9,60294,42574	6,09671	10,39705,57426	30	
	40	9,57064,56080	5,25272	9,96764,03835	84410	9,60300,52245	6,09608	10,39699,47755	20	
	50	9,57069,81278	5,25198	9,96763,19425	84422	9,60306,61853	6,09547	10,39693,38147	10	
52	0	9,57075,06403	5,25125	9,96762,35003	84434	9,60312,71400	6,09485	10,39687,28600	0	8
	10	9,57080,31454	5,25051	9,96761,50569	84446	9,60318,80885	6,09423	10,39681,19115	50	
	20	9,57085,56432	5,24978	9,96760,66123	84457	9,60324,90308	6,09362	10,39675,09692	40	
	30	9,57090,81335	5,24903	9,96759,81666	84470	9,60330,99670	6,09299	10,39669,00330	30	
	40	9,57096,06166	5,24831	9,96758,97196	84481	9,60337,08969	6,09238	10,39662,91031	20	
53	50	9,57101,30922	5,24756	9,96758,12715	84493	9,60343,18207	6,09176	10,39656,81793	10	7
	0	9,57106,55605	5,24683	9,96757,28222	84505	9,60349,27383	6,09114	10,39650,72617	0	
	10	9,57111,80214	5,24609	9,96756,43717	84517	9,60355,36497	6,09053	10,39644,63503	50	
	20	9,57117,04750	5,24536	9,96755,59200	84529	9,60361,45550	6,08991	10,39638,54450	40	
	30	9,57122,29212	5,24462	9,96754,74671	84540	9,60367,54541	6,08929	10,39632,45459	30	
54	40	9,57127,53601	5,24389	9,96753,90131	84553	9,60373,63470	6,08867	10,39626,36530	20	6
	50	9,57132,77916	5,24315	9,96753,05578	84564	9,60379,72337	6,08806	10,39620,27663	10	
	0	9,57138,02158	5,24242	9,96752,21014	84576	9,60385,81143	6,08745	10,39614,18857	0	
	10	9,57143,26326	5,24168	9,96751,36438	84588	9,60391,89888	6,08682	10,39608,10112	50	
	20	9,57148,50420	5,24094	9,96750,51850	84600	9,60397,98570	6,08621	10,39602,01430	40	
55	30	9,57153,74442	5,24022	9,96749,67250	84611	9,60404,07191	6,08560	10,39595,92809	30	5
	40	9,57158,98389	5,23947	9,96748,82639	84624	9,60410,15751	6,08498	10,39589,84249	20	
	50	9,57164,22264	5,23875	9,96747,98015	84635	9,60416,24249	6,08436	10,39583,75751	10	
	0	9,57169,46065	5,23801	9,96747,13380	84648	9,60422,32685	6,08375	10,39577,67315	0	
	10	9,57174,69792	5,23727	9,96746,28732	84659	9,60428,41060	6,08313	10,39571,58940	50	
56	20	9,57179,93447	5,23655	9,96745,44073	84671	9,60434,49373	6,08252	10,39565,50627	40	4
	30	9,57185,17028	5,23581	9,96744,59402	84683	9,60440,57625	6,08191	10,39559,42375	30	
	40	9,57190,40535	5,23507	9,96743,74719	84694	9,60446,65816	6,08129	10,39553,34184	20	
	50	9,57195,63970	5,23435	9,96742,90025	84707	9,60452,73945	6,08067	10,39547,26055	10	
	0	9,57200,87331	5,23361	9,96742,05318	84718	9,60458,82012	6,08007	10,39541,17988	0	
57	10	9,57206,10618	5,23287	9,96741,20600	84730	9,60464,90019	6,07944	10,39535,09981	50	3
	20	9,57211,33833	5,23215	9,96740,35870	84743	9,60470,97963	6,07884	10,39529,02037	40	
	30	9,57216,56974	5,23141	9,96739,51127	84754	9,60477,05847	6,07822	10,39522,94153	30	
	40	9,57221,80042	5,23068	9,96738,66373	84765	9,60483,13669	6,07761	10,39516,86331	20	
	50	9,57227,03037	5,22995	9,96737,81608	84778	9,60489,21430	6,07699	10,39510,78570	10	
58	0	9,57232,25959	5,22922	9,96736,96830	84790	9,60495,29129	6,07638	10,39504,70871	0	2
	10	9,57237,48807	5,22848	9,96736,12040	84801	9,60501,36767	6,07577	10,39498,63233	50	
	20	9,57242,71583	5,22776	9,96735,27239	84813	9,60507,44344	6,07515	10,39492,55656	40	
	30	9,57247,94285	5,22702	9,96734,42426	84826	9,60513,51859	6,07455	10,39486,48141	30	
	40	9,57253,16914	5,22629	9,96733,57600	84837	9,60519,59314	6,07393	10,39480,40686	20	
59	50	9,57258,39470	5,22556	9,96732,72763	84849	9,60525,66707	6,07332	10,39474,33293	10	1
	0	9,57263,61953	5,22483	9,96731,87914	84860	9,60531,74039	6,07270	10,39468,25961	0	
	10	9,57268,84363	5,22410	9,96731,03054	84873	9,60537,81309	6,07210	10,39462,18691	50	
	20	9,57274,06700	5,22337	9,96730,18181	84884	9,60543,88519	6,07148	10,39456,11481	40	
	30	9,57279,28964	5,22264	9,96729,33297	84897	9,60549,95667	6,07087	10,39450,04333	30	
60	40	9,57284,51155	5,22191	9,96728,48400	84908	9,60556,02754	6,07027	10,39444,97246	20	0
	50	9,57289,73272	5,22117	9,96727,63492	84920	9,60562,09781	6,06965	10,39437,90219	10	
	0	9,57294,95317	5,22045	9,96726,78572	84932	9,60568,16746	6,06903	10,39431,83254	0	
	10	9,57300,17289	5,21972	9,96725,93640	84944	9,60574,23649	6,06843	10,39425,76351	50	
	20	9,57305,39188	5,21899	9,96725,08696	84956	9,60580,30492	6,06782	10,39419,69508	40	
61	30	9,57310,61014	5,21826	9,96724,23740	84967	9,60586,37274	6,06721	10,39413,62726	30	0
	40	9,57315,82768	5,21754	9,96723,38773	84980	9,60592,43995	6,06660	10,39407,56005	20	
	50	9,57321,04448	5,21680	9,96722,53793	84991	9,60598,50655	6,06598	10,39401,49345	10	
	0	9,57326,26055	5,21607	9,96721,68802	85003	9,60604,57253	6,06538	10,39395,42747	0	
	10	9,57331,47590	5,21535	9,96720,83799	85015	9,60610,63791	6,06477	10,39389,36209	50	
62	20	9,57336,69052	5,21462	9,96719,98784	85027	9,60616,70268	6,06416	10,39383,29732	40	0
	30	9,57341,90441	5,21389	9,96719,13757	85039	9,60622,76684	6,06355	10,39377,23316	30	
	40	9,57347,11757	5,21316	9,96718,28718	85051	9,60628,83039	6,06294	10,39371,16961	20	
	50	9,57352,33000	5,21243	9,96717,43667	85062	9,60634,89333	6,06233	10,39365,10667	10	
	0	9,57357,54171	5,21171	9,96716,58605	85075	9,60640,95566	6,06172	10,39359,04434	0	
		Sin. Comple.	5,21098	SINVVM		Tang. compl.		TANGEN.	S	M

22		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	9,57357,54171		9,96716,58605		9,60640,95566		10,39359,04434	0	60
	10	9,57362,75269	5,21098	9,96715,73530	85075	9,60647,01738	6,06172	10,39352,98262	50	
	20	9,57367,96294	5,21025	9,96714,88444	85086	9,60653,07850	6,06112	10,39346,92150	40	
	30	9,57373,17246	5,20952	9,96714,03346	85098	9,60659,13901	6,06051	10,39340,86099	30	
	40	9,57378,38126	5,20880	9,96713,18236	85110	9,60665,19890	6,05989	10,39334,80110	20	
	50	9,57383,58933	5,20807	9,96712,33114	85122	9,60671,25819	6,05929	10,39328,74181	10	
1	0	9,57388,79668	5,20735	9,96711,47980	85134	9,60677,31688	6,05869	10,39322,68312	0	59
	10	9,57394,00329	5,20661	9,96710,62834	85146	9,60683,37495	6,05807	10,39316,62505	50	
	20	9,57399,20919	5,20590	9,96709,77677	85157	9,60689,43242	6,05747	10,39310,56758	40	
	30	9,57404,41435	5,20516	9,96708,92507	85170	9,60695,48928	6,05686	10,39304,51072	30	
	40	9,57409,61879	5,20444	9,96708,07326	85181	9,60701,54553	6,05625	10,39298,45447	20	
	50	9,57414,82251	5,20372	9,96707,22133	85193	9,60707,60118	6,05565	10,39292,39882	10	
2	0	9,57420,02550	5,20299	9,96706,36928	85205	9,60713,65622	6,05504	10,39286,34378	0	58
	10	9,57425,22776	5,20226	9,96705,51711	85217	9,60719,71065	6,05443	10,39280,28935	50	
	20	9,57430,42930	5,20154	9,96704,66482	85229	9,60725,76448	6,05383	10,39274,23552	40	
	30	9,57435,63011	5,20081	9,96703,81241	85241	9,60731,81770	6,05322	10,39268,18230	30	
	40	9,57440,83020	5,20009	9,96702,95989	85252	9,60737,87031	6,05261	10,39262,12969	20	
	50	9,57446,02956	5,19936	9,96702,10724	85265	9,60743,92232	6,05201	10,39256,07768	10	
3	0	9,57451,22820	5,19864	9,96701,25448	85276	9,60749,97372	6,05140	10,39250,02628	0	57
	10	9,57456,42612	5,19792	9,96700,40160	85288	9,60756,02452	6,05080	10,39243,97548	50	
	20	9,57461,62331	5,19719	9,96699,54859	85301	9,60762,07471	6,05019	10,39237,92529	40	
	30	9,57466,81978	5,19647	9,96698,69547	85312	9,60768,12430	6,04959	10,39231,87570	30	
	40	9,57472,01552	5,19574	9,96697,84224	85323	9,60774,17328	6,04898	10,39225,82672	20	
	50	9,57477,21054	5,19502	9,96696,98888	85336	9,60780,22166	6,04838	10,39219,77834	10	
4	0	9,57482,40484	5,19430	9,96696,13540	85348	9,60786,26943	6,04777	10,39213,73057	0	56
	10	9,57487,59841	5,19357	9,96695,28181	85359	9,60792,31660	6,04717	10,39207,68340	50	
	20	9,57492,79126	5,19285	9,96694,42809	85372	9,60798,36317	6,04657	10,39201,63683	40	
	30	9,57497,98339	5,19213	9,96693,57426	85383	9,60804,40913	6,04596	10,39195,59087	30	
	40	9,57503,17479	5,19140	9,96692,72031	85395	9,60810,45448	6,04535	10,39189,54552	20	
	50	9,57508,36547	5,19068	9,96691,86623	85408	9,60816,49924	6,04476	10,39183,50076	10	
5	0	9,57513,55543	5,18996	9,96691,01205	85418	9,60822,54339	6,04415	10,39177,45661	0	55
	10	9,57518,74467	5,18924	9,96690,15774	85431	9,60828,58693	6,04354	10,39171,41307	50	
	20	9,57523,93318	5,18851	9,96689,30331	85443	9,60834,62987	6,04294	10,39165,37013	40	
	30	9,57529,12098	5,18780	9,96688,44876	85455	9,60840,67221	6,04234	10,39159,32779	30	
	40	9,57534,30805	5,18707	9,96687,59410	85466	9,60846,71395	6,04174	10,39153,28605	20	
	50	9,57539,49440	5,18635	9,96686,73931	85479	9,60852,75509	6,04114	10,39147,24491	10	
6	0	9,57544,68003	5,18563	9,96685,88441	85490	9,60858,79562	6,04053	10,39141,20438	0	54
	10	9,57549,86493	5,18490	9,96685,02939	85502	9,60864,83555	6,03993	10,39135,16445	50	
	20	9,57555,04912	5,18419	9,96684,17425	85514	9,60870,87488	6,03933	10,39129,12512	40	
	30	9,57560,23259	5,18347	9,96683,31899	85526	9,60876,91360	6,03872	10,39123,08640	30	
	40	9,57565,41533	5,18274	9,96682,46361	85538	9,60882,95172	6,03812	10,39117,04828	20	
	50	9,57570,59736	5,18203	9,96681,60811	85550	9,60888,98925	6,03753	10,39111,01075	10	
7	0	9,57575,77866	5,18130	9,96680,75249	85562	9,60895,02617	6,03692	10,39104,97383	0	53
	10	9,57580,95925	5,18059	9,96679,89676	85573	9,60901,06249	6,03632	10,39098,93751	50	
	20	9,57586,13911	5,17986	9,96679,04090	85586	9,60907,09821	6,03572	10,39092,90179	40	
	30	9,57591,31825	5,17914	9,96678,18493	85597	9,60913,13332	6,03511	10,39086,86668	30	
	40	9,57596,49668	5,17843	9,96677,32884	85609	9,60919,16784	6,03452	10,39080,83216	20	
	50	9,57601,67438	5,17770	9,96676,47263	85621	9,60925,20176	6,03392	10,39074,79824	10	
8	0	9,57606,85137	5,17699	9,96675,61630	85633	9,60931,23508	6,03332	10,39068,76492	0	52
	10	9,57612,02764	5,17627	9,96674,75985	85645	9,60937,26779	6,03271	10,39062,73221	50	
	20	9,57617,20319	5,17555	9,96673,90328	85657	9,60943,29991	6,03212	10,39056,70009	40	
	30	9,57622,37801	5,17482	9,96673,04659	85669	9,60949,33142	6,03151	10,39050,66858	30	
	40	9,57627,55213	5,17412	9,96672,18978	85681	9,60955,36234	6,03092	10,39044,63766	20	
	50	9,57632,72552	5,17339	9,96671,33286	85692	9,60961,39266	6,03032	10,39038,60734	10	
9	0	9,57637,89819	5,17267	9,96670,47581	85705	9,60967,42238	6,02972	10,39032,57762	0	51
	10	9,57643,07015	5,17196	9,96669,61865	85716	9,60973,45150	6,02912	10,39026,54850	50	
	20	9,57648,24138	5,17123	9,96668,76137	85728	9,60979,48002	6,02852	10,39020,51998	40	
	30	9,57653,41191	5,17053	9,96667,90397	85740	9,60985,50794	6,02792	10,39014,49206	30	
	40	9,57658,58171	5,16980	9,96666,04645	85752	9,60991,53526	6,02732	10,39008,46474	20	
	50	9,57663,75079	5,16908	9,96666,18881	85764	9,60997,56199	6,02673	10,39002,43801	10	
10	0	9,57668,91916	5,16837	9,96665,33105	85776	9,61003,58811	6,02612	10,38996,41189	0	50
		Sin. Comple.	5,16765	SINVVM	85788	Tang. compl.	6,02553	TANGEN.	S	M

22		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	commu- nes.	Logarithmi.		
10	o	9,57668,91916		9,96665,33105	85788		9,61003,58811		10,38996,41189	o	50
	10	9,57674,08681	5,16765	9,96664,47317	85799		9,61009,61364	6,02553	10,38990,38636	50	
	20	9,57679,25375	5,16694	9,96663,61518	85812		9,61015,63857	6,02493	10,38984,36143	40	
	30	9,57684,41996	5,16621	9,96662,75706	85823		9,61021,66290	6,02433	10,38978,33710	30	
	40	9,57689,58546	5,16550	9,96661,89883	85836		9,61027,68664	6,02374	10,38972,31336	20	
	50	9,57694,75025	5,16479	9,96661,04047	85847		9,61033,70978	6,02314	10,38966,29022	10	
11	o	9,57699,91432	5,16407	9,96660,18200	85859		9,61039,73232	6,02254	10,38960,26768	o	49
			5,16335					6,02194			
	10	9,57705,07767	5,16263	9,96659,32341	85871		9,61045,75426	6,02135	10,38954,24574	50	
	20	9,57710,24030	5,16193	9,96658,46470	85883		9,61051,77561	6,02075	10,38948,22439	40	
	30	9,57715,40223	5,16120	9,96657,60587	85895		9,61057,79636	6,02015	10,38942,20364	30	
	40	9,57720,56343	5,16049	9,96656,74692	85907		9,61063,81651	6,01956	10,38936,18349	20	48
	50	9,57725,72392	5,15977	9,96655,88785	85919		9,61069,83607	6,01896	10,38930,16393	10	
	o	9,57730,88369	5,15906	9,96655,02866	85930		9,61075,85503	6,01837	10,38924,14497	o	
			5,15835	9,96654,16936	85943		9,61081,87340	6,01777	10,38918,12660	50	
	10	9,57736,04275	5,15763	9,96653,30993	85954		9,61087,89117	6,01717	10,38912,10883	40	
	20	9,57741,20110	5,15691	9,96652,45039	85966		9,61093,90834	6,01658	10,38906,09166	30	47
	30	9,57746,35873	5,15621	9,96651,59073	85979		9,61099,92492	6,01598	10,38900,07508	20	
	40	9,57751,51564	5,15548	9,96650,73094	85990		9,61105,94090	6,01539	10,38894,05910	10	
	50	9,57756,67185	5,15478	9,96649,87104	86002		9,61111,95629	6,01479	10,38888,04371	o	
	o	9,57761,82733	5,15405	9,96649,01102	86014		9,61117,97108	6,01420	10,38882,02892	50	
	10	9,57766,98211	5,15335	9,96648,15088	86026		9,61123,98528	6,01361	10,38876,01472	40	46
	20	9,57772,13616	5,15263	9,96647,29062	86037		9,61129,99889	6,01301	10,38870,00111	30	
	30	9,57777,28951	5,15192	9,96646,43025	86050		9,61136,01190	6,01241	10,38863,98810	20	
	40	9,57782,44214	5,15121	9,96645,56975	86062		9,61142,02431	6,01182	10,38857,97569	10	
	50	9,57787,59406	5,15049	9,96644,70913	86073		9,61148,03613	6,01123	10,38851,96387	o	
14	o	9,57792,74527	5,14978	9,96643,84840	86086		9,61154,04736	6,01064	10,38845,95264	50	45
			5,14907	9,96642,98754	86097		9,61160,05800	6,01004	10,38839,94200	40	
	10	9,57797,89576	5,14835	9,96641,26548	86109		9,61166,06804	6,00944	10,38833,93196	30	
	20	9,57803,04554	5,14764	9,96640,40427	86121		9,61172,07748	6,00886	10,38827,92252	20	
	30	9,57808,19461	5,14693	9,96639,54293	86134		9,61178,08634	6,00826	10,38821,91366	10	
	40	9,57813,34296	5,14622	9,96638,68148	86145		9,61184,09460	6,00767	10,38815,90540	o	44
	50	9,57818,49060	5,14551	9,96637,81991	86157		9,61190,10227	6,00707	10,38809,89773	50	
	o	9,57823,63753	5,14479	9,96636,95823	86168		9,61196,10934	6,00649	10,38803,89066	40	
			5,14408	9,96635,23449	86181		9,61202,11583	6,00589	10,38797,88417	30	
	10	9,57828,78375	5,14338	9,96634,37245	86193		9,61208,12172	6,00530	10,38791,87828	20	
	20	9,57833,92926	5,14266	9,96633,51028	86204		9,61214,12702	6,00470	10,38785,87298	10	43
	30	9,57839,07405	5,14195	9,96632,64800	86217		9,61220,13172	6,00412	10,38779,86828	o	
	40	9,57844,21813	5,14124	9,96631,78559	86228		9,61226,13584	6,00352	10,38773,86416	50	
	50	9,57849,36151	5,14053	9,96630,92307	86241		9,61232,13936	6,00293	10,38767,86064	40	
	o	9,57854,50417	5,13981	9,96629,19767	86252		9,61238,14229	6,00234	10,38761,85771	30	
	10	9,57859,64612	5,13911	9,96628,33479	86264		9,61244,14463	6,00175	10,38755,85537	20	42
	20	9,57864,78736	5,13840	9,96627,47179	86276		9,61250,14638	6,00116	10,38749,85362	10	
	30	9,57869,92789	5,13769	9,96626,60867	86288		9,61256,14754	6,00057	10,38743,85246	o	
	40	9,57875,06770	5,13697	9,96625,74543	86300		9,61262,14811	5,99998	10,38737,85189	50	
	50	9,57880,20681	5,13627	9,96624,88207	86312		9,61268,14809	5,99939	10,38731,85191	40	
17	o	9,57885,34521	5,13556	9,96623,15500	86324		9,61274,14748	5,99879	10,38725,85252	30	41
			5,13485	9,96622,29128	86336		9,61280,14627	5,99821	10,38719,85373	20	
	10	9,57890,48290	5,13414	9,96621,42745	86348		9,61286,14448	5,99762	10,38713,85552	10	
	20	9,57895,61987	5,13343	9,96620,56350	86359		9,61292,14210	5,99702	10,38707,85790	o	
	30	9,57900,75614	5,13273	9,96619,69942	86372		9,61298,13912	5,99644	10,38701,86088	50	
	40	9,57905,89170	5,13201	9,96618,83523	86383		9,61304,13556	5,99585	10,38695,86444	40	40
	50	9,57911,02655	5,13131	9,96617,97092	86395		9,61310,13141	5,99526	10,38689,86859	30	
	o	9,57916,16069	5,13059	9,96616,10649	86408		9,61316,12667	5,99467	10,38683,87333	20	
			5,12989	9,96615,37727	86419		9,61322,12134	5,99408	10,38677,87866	10	
	10	9,57921,29412	5,12918	9,96614,51248	86431		9,61328,11542	5,99350	10,38671,88458	o	
	20	9,57926,42685	5,12848	9,96613,64757	86443		9,61334,10892	5,99290	10,38665,89108	50	40
	30	9,57931,55886	5,12776	SINVVM	86455		9,61340,10182	5,99232	10,38659,89818	40	
	40	9,57936,69017	5,12706		86467		9,61346,09414	5,99172	10,38653,90586	30	
	50	9,57941,82076	5,12635		86479		9,61352,08586	5,99114	10,38647,91414	20	
	o	9,57946,95065	5,12565		86491		9,61358,07700	5,99056	10,38641,92300	10	
	10	9,57952,07983	5,12493		86503		9,61364,06756	5,98996	10,38635,93244	o	40
	20	9,57957,20831							TANGEN.	S	
	30	9,57962,33607								M	
	40	9,57967,46313									
	50	9,57972,58948									
20	o	9,57977,71513									

22		SINVVM	Differ.	Sin. Comple.	Diff.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.		Logarithmi.			Logarithmi.	communes.	Logarithmi.		
20	0	9,57977,71513		9,96613,64757	86503		9,61364,06756		10,38635,93244	0	40
	10	9,57982,84006	5,12493	9,96612,78254	86514		9,61370,05752	5,98996	10,38629,94248	50	
	20	9,57987,96429	5,12423	9,96611,91740	86527		9,61376,04690	5,98938	10,38623,95310	40	
	30	9,57993,08782	5,12353	9,96611,05213	86538		9,61382,03569	5,98879	10,38617,96431	30	
	40	9,57998,21064	5,12282	9,96610,18675	86551		9,61388,02389	5,98820	10,38611,97611	20	
	50	9,58003,33275	5,12211	9,96609,32124	86562		9,61394,01151	5,98762	10,38605,98849	10	
21	0	9,58008,45415	5,12140	9,96608,45562	86575		9,61399,99853	5,98702	10,38600,00147	0	39
	10	9,58013,57485	5,12070	9,96607,58987	86586		9,61405,98498	5,98645	10,38594,01502	50	
	20	9,58018,69484	5,11999	9,96606,72401	86598		9,61411,97083	5,98585	10,38588,02917	40	
	30	9,58023,81413	5,11929	9,96605,85803	86610		9,61417,95610	5,98527	10,38582,04390	30	
	40	9,58028,93272	5,11859	9,96604,99193	86622		9,61423,94079	5,98469	10,38576,05921	20	
	50	9,58034,05059	5,11787	9,96604,12571	86634		9,61429,92488	5,98409	10,38570,07512	10	
22	0	9,58039,16776	5,11717	9,96603,25937	86646		9,61435,90840	5,98352	10,38564,09160	0	38
	10	9,58044,28423	5,11647	9,96602,39291	86658		9,61441,89132	5,98292	10,38558,10868	50	
	20	9,58049,39999	5,11576	9,96601,52633	86670		9,61447,87366	5,98234	10,38552,12634	40	
	30	9,58054,51505	5,11506	9,96600,65963	86681		9,61453,85542	5,98176	10,38546,14458	30	
	40	9,58059,62940	5,11435	9,96599,79282	86694		9,61459,83659	5,98117	10,38540,16341	20	
	50	9,58064,74305	5,11365	9,96598,92588	86706		9,61465,81717	5,98058	10,38534,18283	10	
23	0	9,58069,85600	5,11295	9,96598,05882	86717		9,61471,79718	5,98001	10,38528,20282	0	37
	10	9,58074,96824	5,11224	9,96597,19165	86730		9,61477,77659	5,97941	10,38522,22341	50	
	20	9,58080,07978	5,11154	9,96596,32435	86741		9,61483,75542	5,97883	10,38516,24458	40	
	30	9,58085,19061	5,11083	9,96595,45694	86754		9,61489,73367	5,97825	10,38510,26633	30	
	40	9,58090,30074	5,11013	9,96594,58940	86765		9,61495,71134	5,97767	10,38504,28866	20	
	50	9,58095,41017	5,10943	9,96593,72175	86777		9,61501,68842	5,97708	10,38498,31158	10	
24	0	9,58100,51889	5,10872	9,96592,85398	86789		9,61507,66491	5,97649	10,38492,33509	0	36
	10	9,58105,62691	5,10802	9,96591,98609	86802		9,61513,64083	5,97592	10,38486,35917	50	
	20	9,58110,73423	5,10732	9,96591,11807	86813		9,61519,61615	5,97532	10,38480,38385	40	
	30	9,58115,84084	5,10661	9,96590,24994	86825		9,61525,59090	5,97475	10,38474,40910	30	
	40	9,58120,94676	5,10592	9,96589,38169	86837		9,61531,56506	5,97416	10,38468,43494	20	
	50	9,58126,05197	5,10521	9,96588,51332	86849		9,61537,53864	5,97358	10,38462,46136	10	
25	0	9,58131,15648	5,10451	9,96587,64483	86860		9,61543,51164	5,97300	10,38456,48836	0	35
	10	9,58136,26028	5,10380	9,96586,77623	86873		9,61549,48406	5,97242	10,38450,51594	50	
	20	9,58141,36339	5,10311	9,96585,90750	86885		9,61555,45589	5,97183	10,38444,54411	40	
	30	9,58146,46579	5,10240	9,96585,03865	86897		9,61561,42714	5,97125	10,38438,57286	30	
	40	9,58151,56749	5,10170	9,96584,16968	86908		9,61567,39781	5,97067	10,38432,60219	20	
	50	9,58156,66849	5,10100	9,96583,30060	86921		9,61573,36790	5,97009	10,38426,63210	10	
26	0	9,58161,76879	5,10030	9,96582,43139	86933		9,61579,33740	5,96950	10,38420,66260	0	34
	10	9,58166,86839	5,09960	9,96581,56206	86944		9,61585,30632	5,96892	10,38414,69368	50	
	20	9,58171,96729	5,09890	9,96580,69262	86957		9,61591,27467	5,96835	10,38408,72533	40	
	30	9,58177,06548	5,09819	9,96579,82305	86968		9,61597,24243	5,96776	10,38402,75757	30	
	40	9,58182,16298	5,09750	9,96578,95337	86980		9,61603,20961	5,96718	10,38396,79039	20	
	50	9,58187,25978	5,09680	9,96578,08357	86993		9,61609,17621	5,96660	10,38390,82379	10	
27	0	9,58192,35587	5,09609	9,96577,21364	87004		9,61615,14223	5,96602	10,38384,85777	0	33
	10	9,58197,45127	5,09540	9,96576,34360	87016		9,61621,10766	5,96543	10,38378,89234	50	
	20	9,58202,54596	5,09469	9,96575,47344	87028		9,61627,07252	5,96486	10,38372,92748	40	
	30	9,58207,63996	5,09400	9,96574,60316	87040		9,61633,03680	5,96428	10,38366,96320	30	
	40	9,58212,73326	5,09330	9,96573,73276	87052		9,61639,00050	5,96370	10,38360,99950	20	
	50	9,58217,82585	5,09259	9,96572,86224	87064		9,61644,96362	5,96312	10,38355,03638	10	
28	0	9,58222,91775	5,09190	9,96571,99160	87076		9,61650,92616	5,96254	10,38349,07384	0	32
	10	9,58228,00895	5,09120	9,96571,12084	87088		9,61656,88811	5,96195	10,38343,11189	50	
	20	9,58233,09945	5,09050	9,96570,24996	87100		9,61662,84949	5,96138	10,38337,15051	40	
	30	9,58238,18925	5,08980	9,96569,37896	87112		9,61668,81029	5,96080	10,38331,18971	30	
	40	9,58243,27836	5,08911	9,96568,50784	87124		9,61674,77052	5,96023	10,38325,22948	20	
	50	9,58248,36676	5,08840	9,96567,63660	87135		9,61680,73016	5,95964	10,38319,26984	10	
29	0	9,58253,45447	5,08771	9,96566,76525	87148		9,61686,68922	5,95906	10,38313,31078	0	31
	10	9,58258,54148	5,08701	9,96565,89377	87160		9,61692,64771	5,95849	10,38307,35229	50	
	20	9,58263,62779	5,08631	9,96565,02217	87171		9,61698,60562	5,95791	10,38301,39438	40	
	30	9,58268,71340	5,08561	9,96564,15046	87184		9,61704,56295	5,95733	10,38295,43705	30	
	40	9,58273,79832	5,08492	9,96563,27862	87195		9,61710,51970	5,95675	10,38289,48030	20	
	50	9,58278,88254	5,08422	9,96562,40667	87208		9,61716,47587	5,95617	10,38283,52413	10	
30	0	9,58283,96606	5,08352	9,96561,53459	87219		9,61722,43147	5,95560	10,38277,56853	0	30
		Sin. Comple.	5,08282	SINVVM			Tang. compl.	5,95501	TANGEN.	S	M

22		SINVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
30	0	9,58283,96606		9,96561,53459	87219	9,61722,43147		10,38277,56853	0	30
	10	9,58289,04888	5,08282	9,96560,66240	87232	9,61728,38648	5,95501	10,38271,61352	50	
	20	9,58294,13101	5,08213	9,96559,79008	87243	9,61734,34093	5,95445	10,38265,65907	40	
	30	9,58299,21244	5,08143	9,96558,91765	87255	9,61740,29479	5,95386	10,38259,70521	30	
	40	9,58304,29317	5,08073	9,96558,04510	87268	9,61746,24808	5,95329	10,38253,75192	20	
	50	9,58309,37321	5,08004	9,96557,17242	87279	9,61752,20079	5,95271	10,38247,79921	10	
31	0	9,58314,45255	5,07934	9,96556,29963	87291	9,61758,15292	5,95213	10,38241,84708	0	29
	10	9,58319,53120	5,07865	9,96555,42672	87303	9,61764,10448	5,95156	10,38235,89552	50	
	20	9,58324,60915	5,07795	9,96554,55369	87315	9,61770,05546	5,95098	10,38229,94454	40	
	30	9,58329,68640	5,07725	9,96553,68054	87327	9,61776,00587	5,95041	10,38223,99413	30	
	40	9,58334,76296	5,07656	9,96552,80727	87339	9,61781,95569	5,94982	10,38218,04431	20	
	50	9,58339,83882	5,07586	9,96551,93388	87351	9,61787,90495	5,94926	10,38212,09505	10	
32	0	9,58344,91399	5,07517	9,96551,06037	87363	9,61793,85363	5,94868	10,38206,14637	0	28
	10	9,58349,98846	5,07447	9,96550,18674	87375	9,61799,80173	5,94810	10,38200,19827	50	
	20	9,58355,06224	5,07378	9,96549,31299	87387	9,61805,74925	5,94752	10,38194,25075	40	
	30	9,58360,13532	5,07308	9,96548,43912	87399	9,61811,69621	5,94696	10,38188,30379	30	
	40	9,58365,20771	5,07239	9,96547,56513	87411	9,61817,64258	5,94637	10,38182,35742	20	
	50	9,58370,27941	5,07170	9,96546,69102	87423	9,61823,58839	5,94581	10,38176,41161	10	
33	0	9,58375,35041	5,07100	9,96545,81679	87435	9,61829,53361	5,94522	10,38170,46639	0	27
	10	9,58380,42071	5,07030	9,96544,94244	87446	9,61835,47827	5,94466	10,38164,52173	50	
	20	9,58385,49032	5,06961	9,96544,06798	87459	9,61841,42235	5,94408	10,38158,57765	40	
	30	9,58390,55924	5,06892	9,96543,19339	87471	9,61847,36585	5,94350	10,38152,63415	30	
	40	9,58395,62746	5,06822	9,96542,31868	87482	9,61853,30878	5,94293	10,38146,69122	20	
	50	9,58400,69499	5,06753	9,96541,44386	87495	9,61859,25114	5,94236	10,38140,74886	10	
34	0	9,58405,76183	5,06684	9,96540,56891	87507	9,61865,19292	5,94178	10,38134,80708	0	26
	10	9,58410,82798	5,06615	9,96539,69384	87518	9,61871,13413	5,94121	10,38128,86587	50	
	20	9,58415,89343	5,06545	9,96538,81866	87531	9,61877,07477	5,94064	10,38122,92523	40	
	30	9,58420,95819	5,06476	9,96537,94335	87542	9,61883,01483	5,94006	10,38116,98517	30	
	40	9,58426,02225	5,06406	9,96537,06793	87555	9,61888,95432	5,93949	10,38111,04568	20	
	50	9,58431,08562	5,06337	9,96536,19238	87566	9,61894,89324	5,93892	10,38105,10676	10	
35	0	9,58436,14831	5,06269	9,96535,31672	87579	9,61900,83159	5,93835	10,38099,16841	0	25
	10	9,58441,21029	5,06198	9,96534,44093	87590	9,61906,76936	5,93777	10,38093,23064	50	
	20	9,58446,27159	5,06130	9,96533,56503	87602	9,61912,70656	5,93720	10,38087,29344	40	
	30	9,58451,33220	5,06061	9,96532,68901	87615	9,61918,64319	5,93663	10,38081,35681	30	
	40	9,58456,39211	5,05991	9,96531,81286	87626	9,61924,57925	5,93606	10,38075,42075	20	
	50	9,58461,45133	5,05922	9,96530,93660	87639	9,61930,51473	5,93548	10,38069,48527	10	
36	0	9,58466,50986	5,05853	9,96530,06021	87650	9,61936,44965	5,93492	10,38063,55035	0	24
	10	9,58471,56770	5,05784	9,96529,18371	87662	9,61942,38399	5,93434	10,38057,61601	50	
	20	9,58476,62485	5,05715	9,96528,30709	87674	9,61948,31776	5,93377	10,38051,68224	40	
	30	9,58481,68130	5,05645	9,96527,43035	87687	9,61954,25096	5,93320	10,38045,74904	30	
	40	9,58486,73707	5,05577	9,96526,55348	87698	9,61960,18359	5,93263	10,38039,81641	20	
	50	9,58491,79215	5,05508	9,96525,67650	87710	9,61966,11564	5,93205	10,38033,88436	10	
37	0	9,58496,84653	5,05438	9,96524,79940	87722	9,61972,04713	5,93149	10,38027,95287	0	23
	10	9,58501,90023	5,05370	9,96523,92218	87734	9,61977,97805	5,93092	10,38022,02195	50	
	20	9,58506,95323	5,05300	9,96523,04484	87746	9,61983,90840	5,93035	10,38016,09160	40	
	30	9,58512,00555	5,05232	9,96522,16738	87758	9,61989,83817	5,92977	10,38010,16183	30	
	40	9,58517,05717	5,05162	9,96521,28980	87770	9,61995,76738	5,92921	10,38004,23262	20	
	50	9,58522,10811	5,05094	9,96520,41210	87783	9,62001,69602	5,92864	10,37998,30398	10	
38	0	9,58527,15836	5,05025	9,96519,53427	87794	9,62007,62408	5,92806	10,37992,37592	0	22
	10	9,58532,20791	5,04955	9,96518,65633	87806	9,62013,55158	5,92750	10,37986,44842	50	
	20	9,58537,25678	5,04887	9,96517,77827	87818	9,62019,47851	5,92693	10,37980,52149	40	
	30	9,58542,30496	5,04818	9,96516,90009	87830	9,62025,40487	5,92636	10,37974,59513	30	
	40	9,58547,35245	5,04749	9,96516,02179	87842	9,62031,33066	5,92579	10,37968,66934	20	
	50	9,58552,39925	5,04680	9,96515,14337	87854	9,62037,25588	5,92522	10,37962,74412	10	
39	0	9,58557,44537	5,04612	9,96514,26483	87866	9,62043,18053	5,92465	10,37956,81947	0	21
	10	9,58562,49079	5,04542	9,96513,38617	87877	9,62049,10462	5,92409	10,37950,89538	50	
	20	9,58567,53553	5,04474	9,96512,50740	87890	9,62055,02813	5,92351	10,37944,97187	40	
	30	9,58572,57958	5,04405	9,96511,62850	87902	9,62060,95108	5,92295	10,37939,04892	30	
	40	9,58577,62294	5,04336	9,96510,74948	87914	9,62066,87346	5,92238	10,37933,12654	20	
	50	9,58582,66561	5,04267	9,96509,87034	87926	9,62072,79527	5,92181	10,37927,20473	10	
40	0	9,58587,70760	5,04199	9,96508,99108	87938	9,62078,71652	5,92125	10,37921,28348	0	20
		Sin. Comple.	5,04130	SINVM		Tang. compl.	5,92068	TANGEN.	S	M

22		SINVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,58587,70760		9,96508,99108		9,62078,71652		10,37921,28348	0	20
	10	9,58592,74890	5,04130	9,96508,11170	87938	9,62084,63720	5,92068	10,37915,36280	50	
	20	9,58597,78951	5,04061	9,96507,23220	87950	9,62090,55730	5,92010	10,37909,44270	40	
	30	9,58602,82943	5,03992	9,96506,35258	87962	9,62096,47685	5,91955	10,37903,52315	30	
	40	9,58607,86867	5,03924	9,96505,47285	87973	9,62102,39582	5,91897	10,37897,60418	20	
	50	9,58612,90722	5,03855	9,96504,59299	87986	9,62108,31423	5,91841	10,37891,68577	10	
41	0	9,58617,94508	5,03786	9,96503,71301	87998	9,62114,23207	5,91784	10,37885,76793	0	19
	10	9,58622,98226	5,03718	9,96502,83291	88010	9,62120,14935	5,91728	10,37879,85065	50	
	20	9,58628,01875	5,03649	9,96501,95269	88022	9,62126,06606	5,91671	10,37873,93394	40	
	30	9,58633,05456	5,03581	9,96501,07235	88034	9,62131,98220	5,91614	10,37868,01780	30	
	40	9,58638,08968	5,03512	9,96500,19190	88045	9,62137,89778	5,91558	10,37862,10222	20	
	50	9,58643,12411	5,03443	9,96499,31132	88058	9,62143,81279	5,91501	10,37856,18721	10	
42	0	9,58648,15786	5,03375	9,96498,43062	88070	9,62149,72724	5,91445	10,37850,27276	0	18
	10	9,58653,19092	5,03306	9,96497,54980	88082	9,62155,64112	5,91388	10,37844,35888	50	
	20	9,58658,22330	5,03238	9,96496,66887	88093	9,62161,55443	5,91331	10,37838,44557	40	
	30	9,58663,25499	5,03169	9,96495,78781	88106	9,62167,46718	5,91275	10,37832,53282	30	
	40	9,58668,28600	5,03101	9,96494,90663	88118	9,62173,37937	5,91219	10,37826,62063	20	
	50	9,58673,31632	5,03032	9,96494,02533	88130	9,62179,29099	5,91162	10,37820,70901	10	
43	0	9,58678,34596	5,02964	9,96493,14392	88141	9,62185,20204	5,91105	10,37814,79796	0	17
	10	9,58683,37491	5,02895	9,96492,26238	88154	9,62191,11253	5,91049	10,37808,88747	50	
	20	9,58688,40318	5,02827	9,96491,38072	88166	9,62197,02246	5,90993	10,37802,97754	40	
	30	9,58693,43077	5,02759	9,96490,49894	88178	9,62202,93182	5,90936	10,37797,06818	30	
	40	9,58698,45767	5,02690	9,96489,61705	88189	9,62208,84062	5,90880	10,37791,15938	20	
	50	9,58703,48388	5,02621	9,96488,73503	88202	9,62214,74885	5,90823	10,37785,25115	10	
44	0	9,58708,50942	5,02554	9,96487,85289	88214	9,62220,65653	5,90768	10,37779,34347	0	16
	10	9,58713,53427	5,02485	9,96486,97063	88226	9,62226,56363	5,90710	10,37773,43637	50	
	20	9,58718,55843	5,02416	9,96486,08826	88237	9,62232,47018	5,90655	10,37767,52982	40	
	30	9,58723,58192	5,02349	9,96485,20576	88250	9,62238,37616	5,90598	10,37761,62384	30	
	40	9,58728,60472	5,02280	9,96484,32314	88262	9,62244,28157	5,90541	10,37755,71843	20	
	50	9,58733,62683	5,02211	9,96483,44040	88274	9,62250,18643	5,90486	10,37749,81357	10	
45	0	9,58738,64827	5,02144	9,96482,55755	88285	9,62256,09072	5,90429	10,37743,90928	0	15
	10	9,58743,66902	5,02075	9,96481,67457	88298	9,62261,99445	5,90373	10,37738,00555	50	
	20	9,58748,68909	5,02007	9,96480,79147	88310	9,62267,89762	5,90317	10,37732,10238	40	
	30	9,58753,70848	5,01939	9,96479,90826	88321	9,62273,80022	5,90260	10,37726,19978	30	
	40	9,58758,72718	5,01870	9,96479,02492	88334	9,62279,70226	5,90204	10,37720,29774	20	
	50	9,58763,74520	5,01802	9,96478,14146	88346	9,62285,60374	5,90148	10,37714,39626	10	
46	0	9,58768,76255	5,01735	9,96477,25788	88358	9,62291,50466	5,90092	10,37708,49534	0	14
	10	9,58773,77920	5,01665	9,96476,37418	88370	9,62297,40502	5,90036	10,37702,59498	50	
	20	9,58778,79518	5,01598	9,96475,49037	88381	9,62303,30482	5,89980	10,37696,69518	40	
	30	9,58783,81048	5,01530	9,96474,60643	88394	9,62309,20405	5,89923	10,37690,79595	30	
	40	9,58788,82510	5,01462	9,96473,72237	88406	9,62315,10272	5,89867	10,37684,89728	20	
	50	9,58793,83903	5,01393	9,96472,83819	88418	9,62321,00084	5,89812	10,37678,99916	10	
47	0	9,58798,85228	5,01325	9,96471,95390	88429	9,62326,89839	5,89755	10,37673,10161	0	13
	10	9,58803,86486	5,01258	9,96471,06948	88442	9,62332,79538	5,89699	10,37667,20462	50	
	20	9,58808,87675	5,01189	9,96470,18494	88454	9,62338,69181	5,89643	10,37661,30819	40	
	30	9,58813,88796	5,01121	9,96469,30028	88466	9,62344,58768	5,89587	10,37655,41232	30	
	40	9,58818,89849	5,01053	9,96468,41550	88478	9,62350,48299	5,89531	10,37649,51701	20	
	50	9,58823,90834	5,00985	9,96467,53060	88490	9,62356,37774	5,89475	10,37643,62226	10	
48	0	9,58828,91752	5,00918	9,96466,64558	88502	9,62362,27193	5,89419	10,37637,72807	0	12
	10	9,58833,92601	5,00849	9,96465,76045	88513	9,62368,16556	5,89363	10,37631,83444	50	
	20	9,58838,93382	5,00781	9,96464,87519	88526	9,62374,05863	5,89307	10,37625,94137	40	
	30	9,58843,94095	5,00713	9,96463,98981	88538	9,62379,95115	5,89252	10,37620,04885	30	
	40	9,58848,94741	5,00646	9,96463,10431	88550	9,62385,84310	5,89195	10,37614,15690	20	
	50	9,58853,95318	5,00577	9,96462,21869	88562	9,62391,73449	5,89139	10,37608,26551	10	
49	0	9,58858,95828	5,00510	9,96461,33295	88574	9,62397,62533	5,89084	10,37602,37467	0	11
	10	9,58863,96269	5,00441	9,96460,44709	88586	9,62403,51560	5,89027	10,37596,48440	50	
	20	9,58868,96643	5,00374	9,96459,56111	88598	9,62409,40532	5,88972	10,37590,59468	40	
	30	9,58873,96949	5,00306	9,96458,67501	88610	9,62415,29448	5,88916	10,37584,70552	30	
	40	9,58878,97187	5,00238	9,96457,78879	88622	9,62421,18308	5,88860	10,37578,81692	20	
	50	9,58883,97358	5,00171	9,96456,90245	88634	9,62427,07113	5,88805	10,37572,92887	10	
50	0	9,58888,97460	5,00102	9,96456,01599	88646	9,62432,95861	5,88748	10,37567,04139	0	10
		Sin. Comple.	5,00035	SINVM	88658	Tang. compl.	5,88693	TANGEN.	S	M

22		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
50	0	9,58888,97460		9,96456,01599	88658	9,62432,95861		10,37567,04139	0	10
	10	9,58893,97495	5,00035	9,96455,12941	88670	9,62438,84554	5,88693	10,37561,15446	50	
	20	9,58898,97462	4,99967	9,96454,24271	88682	9,62444,73191	5,88637	10,37555,26809	40	
	30	9,58903,97361	4,99899	9,96453,35589	88694	9,62450,61772	5,88581	10,37549,38228	30	
	40	9,58908,97192	4,99831	9,96452,46895	88706	9,62456,50298	5,88526	10,37543,49702	20	
	50	9,58913,96956	4,99764	9,96451,58189	88719	9,62462,38768	5,88470	10,37537,61232	10	
51	0	9,58918,96652	4,99696	9,96450,69470	88730	9,62468,27182	5,88414	10,37531,72818	0	9
	10	9,58923,96281	4,99629	9,96449,80740	88742	9,62474,15540	5,88358	10,37525,84460	50	
	20	9,58928,95841	4,99560	9,96448,91998	88754	9,62480,03843	5,88303	10,37519,96157	40	
	30	9,58933,95334	4,99493	9,96448,03244	88766	9,62485,92090	5,88247	10,37514,07910	30	
	40	9,58938,94759	4,99425	9,96447,14478	88779	9,62491,80282	5,88192	10,37508,19718	20	
	50	9,58943,94117	4,99358	9,96446,25699	88790	9,62497,68418	5,88136	10,37502,31582	10	
52	0	9,58948,93407	4,99290	9,96445,36909	88802	9,62503,56498	5,88080	10,37496,43502	0	8
	10	9,58953,92630	4,99223	9,96444,48107	88815	9,62509,44523	5,88025	10,37490,55477	50	
	20	9,58958,91785	4,99155	9,96443,59292	88826	9,62515,32492	5,87969	10,37484,67508	40	
	30	9,58963,90872	4,99087	9,96442,70466	88838	9,62521,20406	5,87914	10,37478,79594	30	
	40	9,58968,89892	4,99020	9,96441,81628	88851	9,62527,08264	5,87858	10,37472,91736	20	
	50	9,58973,88844	4,98952	9,96440,92777	88862	9,62532,96067	5,87803	10,37467,03933	10	
53	0	9,58978,87729	4,98885	9,96440,03915	88875	9,62538,83814	5,87747	10,37461,16186	0	7
	10	9,58983,86546	4,98817	9,96439,15040	88886	9,62544,71505	5,87691	10,37455,28495	50	
	20	9,58988,85295	4,98749	9,96438,26154	88899	9,62550,59141	5,87636	10,37449,40859	40	
	30	9,58993,83978	4,98683	9,96437,37255	88910	9,62556,46722	5,87581	10,37443,53278	30	
	40	9,58998,82592	4,98614	9,96436,48345	88923	9,62562,34248	5,87526	10,37437,65752	20	
	50	9,59003,81140	4,98548	9,96435,59422	88934	9,62568,21717	5,87469	10,37431,78283	10	
54	0	9,59008,79620	4,98480	9,96434,70488	88947	9,62574,09132	5,87415	10,37425,90868	0	6
	10	9,59013,78032	4,98412	9,96433,81541	88959	9,62579,96491	5,87359	10,37420,03509	50	
	20	9,59018,76377	4,98345	9,96432,92582	88970	9,62585,83795	5,87304	10,37414,16205	40	
	30	9,59023,74655	4,98278	9,96432,03612	88983	9,62591,71043	5,87248	10,37408,28957	30	
	40	9,59028,72865	4,98210	9,96431,14629	88995	9,62597,58236	5,87193	10,37402,41764	20	
	50	9,59033,71008	4,98143	9,96430,25634	89006	9,62603,45374	5,87138	10,37396,54626	10	
55	0	9,59038,69084	4,98076	9,96429,36628	89019	9,62609,32456	5,87082	10,37390,67544	0	5
	10	9,59043,67092	4,98008	9,96428,47609	89031	9,62615,19483	5,87027	10,37384,80517	50	
	20	9,59048,65033	4,97941	9,96427,58578	89043	9,62621,06455	5,86972	10,37378,93545	40	
	30	9,59053,62907	4,97874	9,96426,69535	89055	9,62626,93372	5,86917	10,37373,06628	30	
	40	9,59058,60713	4,97806	9,96425,80480	89067	9,62632,80233	5,86861	10,37367,19767	20	
	50	9,59063,58452	4,97739	9,96424,91413	89079	9,62638,67039	5,86806	10,37361,32961	10	
56	0	9,59068,56124	4,97672	9,96424,02334	89091	9,62644,53790	5,86751	10,37355,46210	0	4
	10	9,59073,53729	4,97605	9,96423,13243	89103	9,62650,40486	5,86696	10,37349,59514	50	
	20	9,59078,51266	4,97537	9,96422,24140	89115	9,62656,27126	5,86640	10,37343,72874	40	
	30	9,59083,48737	4,97471	9,96421,35025	89127	9,62662,13712	5,86586	10,37337,86288	30	
	40	9,59088,46140	4,97403	9,96420,45898	89139	9,62668,00242	5,86530	10,37331,99758	20	
	50	9,59093,43476	4,97336	9,96419,56759	89151	9,62673,86717	5,86475	10,37326,13283	10	
57	0	9,59098,40744	4,97268	9,96418,67608	89164	9,62679,73137	5,86420	10,37320,26863	0	3
	10	9,59103,37946	4,97202	9,96417,78444	89175	9,62685,59502	5,86365	10,37314,40498	50	
	20	9,59108,35081	4,97135	9,96416,89269	89187	9,62691,45812	5,86310	10,37308,54188	40	
	30	9,59113,32148	4,97067	9,96416,00082	89200	9,62697,32066	5,86254	10,37302,67934	30	
	40	9,59118,29148	4,97000	9,96415,10882	89211	9,62703,18266	5,86200	10,37296,81734	20	
	50	9,59123,26082	4,96934	9,96414,21671	89223	9,62709,04411	5,86145	10,37290,95589	10	
58	0	9,59128,22948	4,96866	9,96413,32448	89236	9,62714,90500	5,86089	10,37285,09500	0	2
	10	9,59133,19747	4,96799	9,96412,43212	89247	9,62720,76535	5,86035	10,37279,23465	50	
	20	9,59138,16479	4,96732	9,96411,53965	89260	9,62726,62514	5,85979	10,37273,37486	40	
	30	9,59143,13144	4,96665	9,96410,64705	89272	9,62732,48439	5,85925	10,37267,51561	30	
	40	9,59148,09742	4,96598	9,96409,75433	89283	9,62738,34309	5,85870	10,37261,65691	20	
	50	9,59153,06273	4,96531	9,96408,86150	89296	9,62744,20123	5,85814	10,37255,79877	10	
59	0	9,59158,02737	4,96464	9,96407,96854	89308	9,62750,05883	5,85760	10,37249,94117	0	1
	10	9,59162,99135	4,96398	9,96407,07546	89319	9,62755,91588	5,85705	10,37244,08412	50	
	20	9,59167,95465	4,96330	9,96406,18227	89332	9,62761,77238	5,85650	10,37238,22762	40	
	30	9,59172,91728	4,96263	9,96405,28895	89344	9,62767,62833	5,85595	10,37232,37167	30	
	40	9,59177,87925	4,96197	9,96404,39551	89356	9,62773,48374	5,85541	10,37226,51626	20	
	50	9,59182,84054	4,96129	9,96403,50195	89368	9,62779,33859	5,85485	10,37220,66141	10	
60	0	9,59187,80117	4,96063	9,96402,60827	89380	9,62785,19290	5,85431	10,37214,80710	0	0
		Sin. Comple.	4,95995	SINVVM		Tang. compl.	5,85375	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,59187,80117		9,96402,60827		9,62785,19290		10,37214,80710	o	60
1	10	9,59192,76112	4,95995	9,96401,71447	89380	9,62791,04665	5,85375	10,37208,95335	50	59
	20	9,59197,72041	4,95929	9,96400,82055	89392	9,62796,89986	5,85321	10,37203,10014	40	
	30	9,59202,67903	4,95862	9,96399,92651	89404	9,62802,75253	5,85267	10,37197,24747	30	
	40	9,59207,63699	4,95796	9,96399,03235	89416	9,62808,60464	5,85211	10,37191,39536	20	
	50	9,59212,59427	4,95728	9,96398,13807	89428	9,62814,45621	5,85157	10,37185,54379	10	
	0	9,59217,55089	4,95662	9,96397,24366	89441	9,62820,30723	5,85102	10,37179,69277	0	
2	10	9,59222,50684	4,95595	9,96396,34914	89452	9,62826,15770	5,85047	10,37173,84230	50	58
	20	9,59227,46212	4,95528	9,96395,45450	89464	9,62832,00762	5,84992	10,37167,99238	40	
	30	9,59232,41673	4,95461	9,96394,55973	89477	9,62837,85700	5,84938	10,37162,14300	30	
	40	9,59237,37068	4,95395	9,96393,66485	89488	9,62843,70583	5,84883	10,37156,29417	20	
	50	9,59242,32396	4,95328	9,96392,76984	89501	9,62849,55412	5,84829	10,37150,44588	10	
	0	9,59247,27657	4,95261	9,96391,87472	89512	9,62855,40186	5,84774	10,37144,59814	0	
3	10	9,59252,22852	4,95195	9,96390,97947	89525	9,62861,24905	5,84719	10,37138,75095	50	57
	20	9,59257,17980	4,95128	9,96390,08410	89537	9,62867,09570	5,84665	10,37132,90430	40	
	30	9,59262,13041	4,95061	9,96389,18862	89548	9,62872,94180	5,84610	10,37127,05820	30	
	40	9,59267,08036	4,94995	9,96388,29301	89561	9,62878,78735	5,84555	10,37121,21265	20	
	50	9,59272,02964	4,94928	9,96387,39728	89573	9,62884,63236	5,84501	10,37115,36764	10	
	0	9,59276,97826	4,94862	9,96386,50143	89585	9,62890,47682	5,84446	10,37109,52318	0	
4	10	9,59281,92620	4,94794	9,96385,60546	89597	9,62896,32074	5,84392	10,37103,67926	50	56
	20	9,59286,87349	4,94729	9,96384,70937	89609	9,62902,16411	5,84337	10,37097,83589	40	
	30	9,59291,82011	4,94662	9,96383,81316	89621	9,62908,00694	5,84283	10,37091,99306	30	
	40	9,59296,76606	4,94595	9,96382,91683	89633	9,62913,84923	5,84229	10,37086,15077	20	
	50	9,59301,71134	4,94528	9,96382,02038	89645	9,62919,69096	5,84173	10,37080,30904	10	
	0	9,59306,65597	4,94463	9,96381,12381	89657	9,62925,53216	5,84120	10,37074,46784	0	
5	10	9,59311,59992	4,94395	9,96380,22712	89669	9,62931,37281	5,84065	10,37068,62719	50	55
	20	9,59316,54321	4,94329	9,96379,33030	89682	9,62937,21291	5,84010	10,37062,78709	40	
	30	9,59321,48584	4,94263	9,96378,43337	89693	9,62943,05247	5,83956	10,37056,94753	30	
	40	9,59326,42780	4,94196	9,96377,53631	89706	9,62948,89149	5,83902	10,37051,10851	20	
	50	9,59331,36910	4,94130	9,96376,63914	89717	9,62954,72996	5,83847	10,37045,27004	10	
	0	9,59336,30974	4,94064	9,96375,74184	89730	9,62960,56789	5,83793	10,37039,43211	0	
6	10	9,59341,24971	4,93997	9,96374,84443	89741	9,62966,40528	5,83739	10,37033,59472	50	54
	20	9,59346,18901	4,93930	9,96373,94689	89754	9,62972,24212	5,83684	10,37027,75788	40	
	30	9,59351,12765	4,93864	9,96373,04923	89766	9,62978,07842	5,83630	10,37021,92158	30	
	40	9,59356,06563	4,93798	9,96372,15145	89778	9,62983,91418	5,83576	10,37016,08582	20	
	50	9,59361,00295	4,93732	9,96371,25355	89790	9,62989,74940	5,83522	10,37010,25060	10	
	0	9,59365,93960	4,93665	9,96370,35553	89802	9,62995,58407	5,83467	10,37004,41593	0	
7	10	9,59370,87559	4,93599	9,96369,45739	89814	9,63001,41820	5,83413	10,36998,58180	50	53
	20	9,59375,81092	4,93533	9,96368,55913	89826	9,63007,25178	5,83358	10,36992,74822	40	
	30	9,59380,74558	4,93466	9,96367,66075	89838	9,63013,08483	5,83305	10,36986,91517	30	
	40	9,59385,67958	4,93400	9,96366,76225	89850	9,63018,91733	5,83250	10,36981,08267	20	
	50	9,59390,61292	4,93334	9,96365,86363	89862	9,63024,74929	5,83196	10,36975,25071	10	
	0	9,59395,54559	4,93267	9,96364,96488	89875	9,63030,58071	5,83142	10,36969,41929	0	
8	10	9,59400,47760	4,93201	9,96364,06602	89886	9,63036,41159	5,83088	10,36963,58841	50	52
	20	9,59405,40896	4,93136	9,96363,16703	89899	9,63042,24192	5,83033	10,36957,75808	40	
	30	9,59410,33964	4,93068	9,96362,26793	89910	9,63048,07172	5,82980	10,36951,92828	30	
	40	9,59415,26967	4,93003	9,96361,36870	89923	9,63053,90097	5,82925	10,36946,09903	20	
	50	9,59420,19904	4,92937	9,96360,46935	89935	9,63059,72968	5,82871	10,36940,27032	10	
	0	9,59425,12774	4,92870	9,96359,56989	89946	9,63065,55786	5,82818	10,36934,44214	0	
9	10	9,59430,05578	4,92804	9,96358,67030	89959	9,63071,38549	5,82763	10,36928,61451	50	51
	20	9,59434,98317	4,92739	9,96357,77059	89971	9,63077,21258	5,82709	10,36922,78742	40	
	30	9,59439,90989	4,92672	9,96356,87076	89983	9,63083,03913	5,82655	10,36916,96087	30	
	40	9,59444,83595	4,92606	9,96355,97081	89995	9,63088,86514	5,82601	10,36911,13486	20	
	50	9,59449,76134	4,92539	9,96355,07074	90007	9,63094,69061	5,82547	10,36905,30939	10	
	0	9,59454,68608	4,92474	9,96354,17054	90020	9,63100,51554	5,82493	10,36899,48446	0	
10	10	9,59459,61016	4,92408	9,96353,27023	90031	9,63106,33993	5,82439	10,36893,66007	50	50
	20	9,59464,53358	4,92342	9,96352,36980	90043	9,63112,16378	5,82385	10,36887,83622	40	
	30	9,59469,45633	4,92275	9,96351,46924	90056	9,63117,98709	5,82331	10,36882,01291	30	
	40	9,59474,37843	4,92210	9,96350,56857	90067	9,63123,80986	5,82277	10,36876,19014	20	
	50	9,59479,29987	4,92144	9,96349,66777	90080	9,63129,63210	5,82224	10,36870,36790	10	
	0	9,59484,22065	4,92078	9,96348,76686	90091	9,63135,45379	5,82169	10,36864,54621	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

23		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
10	0	9,59484,22065		9,96348,76686		9,63135,45379		10,36864,54621	0	50
	10	9,59489,14077	4,92012	9,96347,86582	90104	9,63141,27495	5,82116	10,36858,72505	50	
	20	9,59494,06022	4,91945	9,96346,96466	90116	9,63147,09556	5,82061	10,36852,90444	40	
	30	9,59498,97902	4,91880	9,96346,06338	90128	9,63152,91564	5,82008	10,36847,08436	30	
	40	9,59503,89716	4,91814	9,96345,16198	90140	9,63158,73518	5,81954	10,36841,26482	20	
	50	9,59508,81465	4,91749	9,96344,26046	90152	9,63164,55419	5,81901	10,36835,44581	10	
11	0	9,59513,73147	4,91682	9,96343,35882	90164	9,63170,37265	5,81846	10,36829,62735	0	49
	10	9,59518,64763	4,91616	9,96342,45706	90176	9,63176,19058	5,81793	10,36823,80942	50	
	20	9,59523,56314	4,91551	9,96341,55517	90189	9,63182,00796	5,81738	10,36817,99204	40	
	30	9,59528,47798	4,91484	9,96340,65317	90200	9,63187,82481	5,81685	10,36812,17519	30	
	40	9,59533,39217	4,91419	9,96339,75105	90212	9,63193,64113	5,81632	10,36806,35887	20	
	50	9,59538,30570	4,91353	9,96338,84880	90225	9,63199,45690	5,81577	10,36800,54310	10	
12	0	9,59543,21858	4,91288	9,96337,94643	90237	9,63205,27214	5,81524	10,36794,72786	0	48
	10	9,59548,13079	4,91221	9,96337,04395	90248	9,63211,08685	5,81471	10,36788,91315	50	
	20	9,59553,04235	4,91156	9,96336,14134	90261	9,63216,90101	5,81416	10,36783,09899	40	
	30	9,59557,95325	4,91090	9,96335,23861	90273	9,63222,71464	5,81363	10,36777,28536	30	
	40	9,59562,86349	4,91024	9,96334,33576	90285	9,63228,52773	5,81309	10,36771,47227	20	
	50	9,59567,77308	4,90959	9,96333,43279	90297	9,63234,34029	5,81256	10,36765,65971	10	
13	0	9,59572,68201	4,90893	9,96332,52970	90309	9,63240,15231	5,81202	10,36759,84769	0	47
	10	9,59577,59028	4,90827	9,96331,62649	90321	9,63245,96379	5,81148	10,36754,03621	50	
	20	9,59582,49789	4,90761	9,96330,72315	90334	9,63251,77474	5,81095	10,36748,22526	40	
	30	9,59587,40485	4,90696	9,96329,81970	90345	9,63257,58515	5,81041	10,36742,41485	30	
	40	9,59592,31115	4,90630	9,96328,91613	90357	9,63263,39503	5,80988	10,36736,60497	20	
	50	9,59597,21680	4,90565	9,96328,01243	90370	9,63269,20437	5,80934	10,36730,79563	10	
14	0	9,59602,12179	4,90499	9,96327,10861	90382	9,63275,01318	5,80881	10,36724,98682	0	46
	10	9,59607,02612	4,90433	9,96326,20468	90393	9,63280,82145	5,80827	10,36719,17855	50	
	20	9,59611,92980	4,90368	9,96325,30062	90406	9,63286,62918	5,80773	10,36713,37082	40	
	30	9,59616,83282	4,90302	9,96324,39644	90418	9,63292,43638	5,80720	10,36707,56362	30	
	40	9,59621,73519	4,90237	9,96323,49214	90430	9,63298,24305	5,80667	10,36701,75695	20	
	50	9,59626,63690	4,90171	9,96322,58772	90442	9,63304,04918	5,80613	10,36695,95082	10	
15	0	9,59631,53796	4,90106	9,96321,68318	90454	9,63309,85478	5,80560	10,36690,14522	0	45
	10	9,59636,43836	4,90040	9,96320,77851	90467	9,63315,65985	5,80507	10,36684,34015	50	
	20	9,59641,33810	4,89974	9,96319,87373	90478	9,63321,46437	5,80452	10,36678,53563	40	
	30	9,59646,23719	4,89909	9,96318,96882	90491	9,63327,26837	5,80400	10,36672,73163	30	
	40	9,59651,13563	4,89844	9,96318,06380	90502	9,63333,07183	5,80346	10,36666,92817	20	
	50	9,59656,03341	4,89778	9,96317,15865	90515	9,63338,87476	5,80293	10,36661,12524	10	
16	0	9,59660,93054	4,89713	9,96316,25338	90527	9,63344,67716	5,80240	10,36655,32284	0	44
	10	9,59665,82701	4,89647	9,96315,34800	90538	9,63350,47902	5,80186	10,36649,52098	50	
	20	9,59670,72283	4,89582	9,96314,44249	90551	9,63356,28035	5,80133	10,36643,71965	40	
	30	9,59675,61800	4,89517	9,96313,53686	90563	9,63362,08114	5,80079	10,36637,91886	30	
	40	9,59680,51251	4,89451	9,96312,63110	90576	9,63367,88141	5,80027	10,36632,11859	20	
	50	9,59685,40637	4,89386	9,96311,72523	90587	9,63373,68114	5,79973	10,36626,31886	10	
17	0	9,59690,29957	4,89320	9,96310,81924	90599	9,63379,48033	5,79919	10,36620,51967	0	43
	10	9,59695,19212	4,89255	9,96309,91312	90612	9,63385,27900	5,79867	10,36614,72100	50	
	20	9,59700,08402	4,89190	9,96309,00689	90623	9,63391,07713	5,79813	10,36608,92287	40	
	30	9,59704,97527	4,89125	9,96308,10053	90636	9,63396,87473	5,79760	10,36603,12527	30	
	40	9,59709,86586	4,89059	9,96307,19406	90647	9,63402,67180	5,79707	10,36597,32820	20	
	50	9,59714,75580	4,88994	9,96306,28746	90660	9,63408,46834	5,79654	10,36591,53166	10	
18	0	9,59719,64509	4,88929	9,96305,38074	90672	9,63414,26435	5,79601	10,36585,73565	0	42
	10	9,59724,53372	4,88863	9,96304,47390	90684	9,63420,05982	5,79547	10,36579,94018	50	
	20	9,59729,42170	4,88798	9,96303,56694	90696	9,63425,85477	5,79495	10,36574,14523	40	
	30	9,59734,30903	4,88733	9,96302,65985	90709	9,63431,64918	5,79441	10,36568,35082	30	
	40	9,59739,19571	4,88668	9,96301,75265	90720	9,63437,44306	5,79388	10,36562,55694	20	
	50	9,59744,08174	4,88603	9,96300,84533	90732	9,63443,23641	5,79335	10,36556,76359	10	
19	0	9,59748,96711	4,88537	9,96299,93788	90745	9,63449,02923	5,79282	10,36550,97077	0	41
	10	9,59753,85183	4,88472	9,96299,03032	90756	9,63454,82152	5,79229	10,36545,17848	50	
	20	9,59758,73590	4,88407	9,96298,12263	90769	9,63460,61328	5,79176	10,36539,38672	40	
	30	9,59763,61932	4,88342	9,96297,21482	90781	9,63466,40451	5,79123	10,36533,59549	30	
	40	9,59768,50209	4,88277	9,96296,30689	90793	9,63472,19520	5,79069	10,36527,80480	20	
	50	9,59773,38421	4,88212	9,96295,39884	90805	9,63477,98537	5,79017	10,36522,01463	10	
20	0	9,59778,26568	4,88147	9,96294,49067	90817	9,63483,77501	5,78964	10,36516,22499	0	40
		Sin. Comple.	4,88082	SINVVM	90830	Tang. compl.	5,78911	TANGEN.	S	M

23		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
20	0	9,59778,26568		9,96294,49067		9,63483,77501		10,36516,22499	0	40
	10	9,59783,14650	4,88082	9,96293,58237	90830	9,63489,56412	5,78911	10,36510,43588	50	
	20	9,59788,02666	4,88016	9,96292,67396	90841	9,63495,35270	5,78858	10,36504,64730	40	
	30	9,59792,90618	4,87952	9,96291,76543	90853	9,63501,14075	5,78805	10,36498,85925	30	
	40	9,59797,78504	4,87886	9,96290,85677	90866	9,63506,92827	5,78752	10,36493,07173	20	
	50	9,59802,66326	4,87822	9,96289,94799	90878	9,63512,71527	5,78700	10,36487,28473	10	
21	0	9,59807,54082	4,87756	9,96289,03909	90890	9,63518,50173	5,78646	10,36481,49827	0	39
	10	9,59812,41774	4,87692	9,96288,13007	90902	9,63524,28766	5,78593	10,36475,71234	50	
	20	9,59817,29400	4,87626	9,96287,22093	90914	9,63530,07307	5,78541	10,36469,92693	40	
	30	9,59822,16962	4,87562	9,96286,31167	90926	9,63535,85795	5,78488	10,36464,14205	30	
	40	9,59827,04459	4,87497	9,96285,40229	90938	9,63541,64230	5,78435	10,36458,35770	20	
	50	9,59831,91891	4,87432	9,96284,49279	90950	9,63547,42612	5,78382	10,36452,57388	10	
22	0	9,59836,79257	4,87366	9,96283,58316	90963	9,63553,20941	5,78329	10,36446,79059	0	38
	10	9,59841,66559	4,87302	9,96282,67342	90974	9,63558,99218	5,78277	10,36441,00782	50	
	20	9,59846,53796	4,87237	9,96281,76355	90987	9,63564,77442	5,78224	10,36435,22558	40	
	30	9,59851,40969	4,87173	9,96280,85356	90999	9,63570,55613	5,78171	10,36429,44387	30	
	40	9,59856,28076	4,87107	9,96279,94345	91011	9,63576,33731	5,78118	10,36423,66269	20	
	50	9,59861,15119	4,87043	9,96279,03322	91023	9,63582,11797	5,78066	10,36417,88203	10	
23	0	9,59866,02096	4,86977	9,96278,12287	91035	9,63587,89810	5,78013	10,36412,10190	0	37
	10	9,59870,89009	4,86913	9,96277,21239	91048	9,63593,67770	5,77960	10,36406,32230	50	
	20	9,59875,75857	4,86848	9,96276,30180	91059	9,63599,45677	5,77907	10,36400,54323	40	
	30	9,59880,62641	4,86784	9,96275,39109	91071	9,63605,23532	5,77855	10,36394,76468	30	
	40	9,59885,49359	4,86718	9,96274,48025	91084	9,63611,01334	5,77802	10,36388,98666	20	
	50	9,59890,36013	4,86654	9,96273,56929	91096	9,63616,79084	5,77750	10,36383,20916	10	
24	0	9,59895,22602	4,86589	9,96272,65821	91108	9,63622,56781	5,77697	10,36377,43219	0	36
	10	9,59900,09127	4,86525	9,96271,74701	91120	9,63628,34425	5,77644	10,36371,65575	50	
	20	9,59904,95586	4,86459	9,96270,83569	91132	9,63634,12017	5,77592	10,36365,87983	40	
	30	9,59909,81981	4,86395	9,96269,92425	91144	9,63639,89557	5,77540	10,36360,10443	30	
	40	9,59914,68312	4,86331	9,96269,01268	91157	9,63645,67043	5,77486	10,36354,32957	20	
	50	9,59919,54577	4,86265	9,96268,10100	91168	9,63651,44477	5,77434	10,36348,55523	10	
25	0	9,59924,40778	4,86201	9,96267,18919	91181	9,63657,21859	5,77382	10,36342,78141	0	35
	10	9,59929,26915	4,86137	9,96266,27727	91192	9,63662,99188	5,77329	10,36337,00812	50	
	20	9,59934,12987	4,86072	9,96265,36522	91205	9,63668,76465	5,77277	10,36331,23535	40	
	30	9,59938,98994	4,86007	9,96264,45305	91217	9,63674,53689	5,77224	10,36325,46311	30	
	40	9,59943,84936	4,85942	9,96263,54076	91229	9,63680,30861	5,77172	10,36319,69139	20	
	50	9,59948,70814	4,85878	9,96262,62834	91242	9,63686,07980	5,77119	10,36313,92020	10	
26	0	9,59953,56628	4,85814	9,96261,71581	91253	9,63691,85047	5,77067	10,36308,14953	0	34
	10	9,59958,42377	4,85749	9,96260,80316	91265	9,63697,62061	5,77014	10,36302,37939	50	
	20	9,59963,28061	4,85684	9,96259,89038	91278	9,63703,39023	5,76962	10,36296,60977	40	
	30	9,59968,13681	4,85620	9,96258,97748	91290	9,63709,15933	5,76910	10,36290,84067	30	
	40	9,59972,99236	4,85555	9,96258,06446	91302	9,63714,92790	5,76857	10,36285,07210	20	
	50	9,59977,84727	4,85491	9,96257,15132	91314	9,63720,69595	5,76805	10,36279,30405	10	
27	0	9,59982,70153	4,85426	9,96256,23806	91326	9,63726,46347	5,76752	10,36273,53653	0	33
	10	9,59987,55515	4,85362	9,96255,32468	91338	9,63732,23047	5,76700	10,36267,76953	50	
	20	9,59992,40813	4,85298	9,96254,41118	91350	9,63737,99695	5,76648	10,36262,00305	40	
	30	9,59997,26046	4,85233	9,96253,49755	91363	9,63743,76291	5,76596	10,36256,23709	30	
	40	9,60002,11215	4,85169	9,96252,58381	91374	9,63749,52834	5,76543	10,36250,47166	20	
	50	9,60006,96319	4,85104	9,96251,66994	91387	9,63755,29325	5,76491	10,36244,70675	10	
28	0	9,60011,81359	4,85040	9,96250,75595	91399	9,63761,05764	5,76439	10,36238,94236	0	32
	10	9,60016,66334	4,84975	9,96249,84184	91411	9,63766,82150	5,76386	10,36233,17850	50	
	20	9,60021,51245	4,84911	9,96248,92761	91423	9,63772,58484	5,76334	10,36227,41516	40	
	30	9,60026,36092	4,84847	9,96248,01325	91436	9,63778,34767	5,76283	10,36221,65233	30	
	40	9,60031,20874	4,84782	9,96247,09878	91447	9,63784,10996	5,76229	10,36215,89004	20	
	50	9,60036,05593	4,84719	9,96246,18418	91460	9,63789,87174	5,76178	10,36210,12826	10	
29	0	9,60040,90246	4,84653	9,96245,26947	91471	9,63795,63300	5,76126	10,36204,36700	0	31
	10	9,60045,74836	4,84590	9,96244,35463	91484	9,63801,39373	5,76073	10,36198,60627	50	
	20	9,60050,59361	4,84525	9,96243,43967	91496	9,63807,15394	5,76021	10,36192,84606	40	
	30	9,60055,43822	4,84461	9,96242,52459	91508	9,63812,91363	5,75969	10,36187,08637	30	
	40	9,60060,28219	4,84397	9,96241,60939	91520	9,63818,67280	5,75917	10,36181,32720	20	
	50	9,60065,12552	4,84333	9,96240,69406	91533	9,63824,43145	5,75865	10,36175,56855	10	
30	0	9,60069,96820	4,84268	9,96239,77862	91544	9,63830,18958	5,75813	10,36169,81042	0	30
		Sin. Comple.	4,84204	SINVVM	91557	Tang. compl.	5,75761	TANGEN.	S	M

23		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,60069,96820		9,96239,77862			9,63830,18958		10,36169,81042	0	30
	10	9,60074,81024	4,84204	9,96238,86305	91557		9,63835,94719	5,75761	10,36164,05281	50	
	20	9,60079,65164	4,84140	9,96237,94736	91569		9,63841,70428	5,75709	10,36158,29572	40	
	30	9,60084,49240	4,84076	9,96237,03155	91581		9,63847,46084	5,75656	10,36152,53916	30	
	40	9,60089,33251	4,84011	9,96236,11562	91593		9,63853,21689	5,75605	10,36146,78311	20	
	50	9,60094,17199	4,83948	9,96235,19957	91605		9,63858,97242	5,75553	10,36141,02758	10	
31	0	9,60099,01082	4,83883	9,96234,28340	91617		9,63864,72742	5,75500	10,36135,27258	0	29
			4,83819		91630			5,75449			
	10	9,60103,84901	4,83756	9,96233,36710	91641		9,63870,48191	5,75397	10,36129,51809	50	
	20	9,60108,68657	4,83691	9,96232,45069	91654		9,63876,23588	5,75345	10,36123,76412	40	
	30	9,60113,52348	4,83627	9,96231,53415	91666		9,63881,98933	5,75293	10,36118,01067	30	
	40	9,60118,35975	4,83563	9,96230,61749	91678		9,63887,74226	5,75241	10,36112,25774	20	
	50	9,60123,19538	4,83498	9,96229,70071	91690		9,63893,49467	5,75189	10,36106,50533	10	
32	0	9,60128,03036	4,83435	9,96228,78381	91702		9,63899,24656	5,75137	10,36100,75344	0	28
			4,83371	9,96227,86679	91715		9,63904,99793	5,75085	10,36095,00207	50	
	10	9,60132,86471	4,83307	9,96226,94964	91727		9,63910,74878	5,75034	10,36089,25122	40	
	20	9,60137,69842	4,83243	9,96226,03237	91738		9,63916,49912	5,74981	10,36083,50088	30	
	30	9,60142,53149	4,83179	9,96225,11499	91751		9,63922,24893	5,74930	10,36077,75107	20	
	40	9,60147,36392	4,83115	9,96224,19748	91763		9,63927,99823	5,74878	10,36072,00177	10	
	50	9,60152,19571	4,83051	9,96223,27985	91776		9,63933,74701	5,74826	10,36066,25299	0	27
33	0	9,60157,02686	4,82987	9,96222,36209	91787		9,63939,49527	5,74775	10,36060,50473	50	
			4,82923	9,96221,44422	91799		9,63945,24302	5,74722	10,36054,75698	40	
	10	9,60161,85737	4,82859	9,96220,52623	91812		9,63950,99024	5,74671	10,36049,00976	30	
	20	9,60166,68724	4,82795	9,96219,60811	91824		9,63956,73695	5,74619	10,36043,26305	20	
	30	9,60171,51647	4,82732	9,96218,68987	91836		9,63962,48314	5,74568	10,36037,51686	10	
	40	9,60176,34506	4,82667	9,96217,77151	91848		9,63968,22882	5,74515	10,36031,77118	0	26
	50	9,60181,17301	4,82604	9,96216,85303	91860		9,63973,97397	5,74464	10,36026,02603	50	
34	0	9,60186,00033	4,82540	9,96215,93443	91873		9,63979,71861	5,74413	10,36020,28139	40	
			4,82476	9,96215,01570	91884		9,63985,46274	5,74360	10,36014,53726	30	
	10	9,60190,82700	4,82413	9,96214,09686	91897		9,63991,20634	5,74310	10,36008,79366	20	
	20	9,60195,65304	4,82348	9,96213,17789	91909		9,63996,94944	5,74257	10,36003,05056	10	
	30	9,60200,47844	4,82285	9,96212,25880	91921		9,64002,69201	5,74206	10,35997,30799	0	25
	40	9,60205,30320	4,82221	9,96211,33959	91933		9,64008,43407	5,74154	10,35991,56593	50	
	50	9,60210,12733	4,82157	9,96210,42026	91945		9,64014,17561	5,74102	10,35985,82439	40	
35	0	9,60214,95081	4,82094	9,96209,50081	91958		9,64019,91663	5,74051	10,35980,08337	30	
			4,82030	9,96208,58123	91969		9,64025,65714	5,74000	10,35974,34286	20	
	10	9,60219,77366	4,82000	9,96207,66154	91982		9,64031,39714	5,73948	10,35968,60286	10	
	20	9,60224,59587	4,81966	9,96206,74172	91994		9,64037,13662	5,73896	10,35962,86338	0	24
	30	9,60229,41744	4,81902	9,96205,82178	92006		9,64042,87558	5,73845	10,35957,12442	50	
	40	9,60234,23838	4,81839	9,96204,90172	92018		9,64048,61403	5,73793	10,35951,38597	40	
	50	9,60239,05868	4,81775	9,96203,98154	92031		9,64054,35196	5,73742	10,35945,64804	30	
36	0	9,60243,87834	4,81711	9,96203,06123	92042		9,64060,08938	5,73691	10,35939,91062	20	
			4,81648	9,96202,14081	92055		9,64066,82629	5,73639	10,35934,17371	10	
	10	9,60248,69736	4,81584	9,96201,22026	92067		9,64071,56268	5,73587	10,35928,43732	0	23
	20	9,60253,51575	4,81521	9,96200,29959	92079		9,64077,29855	5,73536	10,35922,70145	50	
	30	9,60258,33350	4,81457	9,96199,37880	92091		9,64083,03391	5,73485	10,35916,96609	40	
	40	9,60263,15061	4,81394	9,96198,45789	92104		9,64088,76876	5,73433	10,35911,23124	30	
	50	9,60267,96709	4,81329	9,96197,53685	92115		9,64094,50309	5,73382	10,35905,49691	20	
	0	9,60272,78293	4,81267	9,96196,61570	92128		9,64100,23691	5,73330	10,35899,76309	10	
37			4,81203	9,96195,69442	92140		9,64105,97021	5,73280	10,35894,02979	0	22
			4,81139	9,96194,77302	92152		9,64111,70301	5,73227	10,35888,29699	50	
	10	9,60277,59814	4,81076	9,96193,85150	92164		9,64117,43528	5,73177	10,35882,56472	40	
	20	9,60282,41271	4,81012	9,96192,92986	92176		9,64123,16705	5,73125	10,35876,83295	30	
	30	9,60287,22665	4,80949	9,96192,00810	92189		9,64128,89830	5,73074	10,35871,10170	20	
	40	9,60292,03994	4,80885	9,96191,08621	92201		9,64134,62904	5,73022	10,35865,37096	10	
	50	9,60296,85261	4,80822	9,96190,16420	92212		9,64140,35926	5,72972	10,35859,64074	0	21
38	0	9,60301,66464	4,80758	9,96189,24208	92225		9,64146,08898	5,72920	10,35853,91102	50	
			4,80695	9,96188,31983	92238		9,64151,81818	5,72869	10,35848,18182	40	
	10	9,60306,47603	4,80632	9,96187,39745	92249		9,64157,54687	5,72817	10,35842,45313	30	
	20	9,60311,28679	4,80568	9,96186,47496	92261		9,64163,27504	5,72767	10,35836,72496	20	
	30	9,60316,09691	4,80505	9,96185,55235	92274		9,64169,00271	5,72715	10,35830,99729	10	
	40	9,60320,90640	4,80442	9,96184,62961	92286		9,64174,72986	5,72664	10,35825,27014	0	20
	50	9,60325,71525	4,80378								
39	0	9,60330,52347		SINVVM			Tang. compl.		TANGEN.	S	M
	10	9,60335,33105									
	20	9,60340,13800									
	30	9,60344,94432									
	40	9,60349,75000									
	50	9,60354,55505									
40	0	9,60359,35947									

23		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,60359,35947		9,96184,62961		9,64174,72986		10,35825,27014	0	20
	10	9,60364,16325	4,80378	9,96183,70675	92286	9,64180,45650	5,72664	10,35819,54350	50	
	20	9,60368,96640	4,80315	9,96182,78377	92298	9,64186,18263	5,72613	10,35813,81737	40	
	30	9,60373,76891	4,80251	9,96181,86067	92310	9,64191,90824	5,72561	10,35808,09176	30	
	40	9,60378,57079	4,80188	9,96180,93745	92322	9,64197,63335	5,72511	10,35802,36665	20	
	50	9,60383,37204	4,80125	9,96180,01410	92335	9,64203,35794	5,72459	10,35796,64206	10	
41	0	9,60388,17266	4,80062	9,96179,09063	92347	9,64209,08203	5,72409	10,35790,91797	0	19
	10	9,60392,97264	4,79998	9,96178,16704	92359	9,64214,80560	5,72357	10,35785,19440	50	
	20	9,60397,77199	4,79935	9,96177,24333	92371	9,64220,52866	5,72306	10,35779,47134	40	
	30	9,60402,57071	4,79872	9,96176,31950	92383	9,64226,25121	5,72255	10,35773,74879	30	
	40	9,60407,36880	4,79809	9,96175,39555	92395	9,64231,97325	5,72204	10,35768,02675	20	
	50	9,60412,16625	4,79745	9,96174,47147	92408	9,64237,69478	5,72153	10,35762,30522	10	
42	0	9,60416,96307	4,79682	9,96173,54727	92420	9,64243,41580	5,72102	10,35756,58420	0	18
	10	9,60421,75926	4,79619	9,96172,62296	92431	9,64249,13631	5,72051	10,35750,86369	50	
	20	9,60426,55482	4,79556	9,96171,69851	92445	9,64254,85631	5,72000	10,35745,14369	40	
	30	9,60431,34975	4,79493	9,96170,77395	92456	9,64260,57580	5,71949	10,35739,42420	30	
	40	9,60436,14405	4,79430	9,96169,84927	92468	9,64266,29478	5,71898	10,35733,70522	20	
	50	9,60440,93771	4,79366	9,96168,92446	92481	9,64272,01325	5,71847	10,35727,98675	10	
43	0	9,60445,73074	4,79303	9,96167,99953	92493	9,64277,73121	5,71796	10,35722,26879	0	17
	10	9,60450,52315	4,79241	9,96166,07448	92505	9,64283,44866	5,71745	10,35716,55134	50	
	20	9,60455,31492	4,79177	9,96165,14931	92517	9,64289,16561	5,71695	10,35710,83439	40	
	30	9,60460,10606	4,79114	9,96164,22402	92529	9,64294,88204	5,71643	10,35705,11796	30	
	40	9,60464,89657	4,79051	9,96163,29860	92542	9,64300,59797	5,71593	10,35699,40203	20	
	50	9,60469,68645	4,78988	9,96162,37307	92553	9,64306,31338	5,71541	10,35693,68662	10	
44	0	9,60474,47570	4,78925	9,96161,44741	92566	9,64312,02829	5,71491	10,35687,97171	0	16
	10	9,60479,26432	4,78862	9,96160,52163	92578	9,64317,74269	5,71440	10,35682,25731	50	
	20	9,60484,05231	4,78799	9,96159,59573	92590	9,64323,45658	5,71389	10,35676,54342	40	
	30	9,60488,83967	4,78736	9,96158,66970	92603	9,64329,16997	5,71339	10,35670,83003	30	
	40	9,60493,62640	4,78673	9,96157,74356	92614	9,64334,88284	5,71287	10,35665,11716	20	
	50	9,60498,41250	4,78610	9,96156,81729	92627	9,64340,59521	5,71237	10,35659,40479	10	
45	0	9,60503,19797	4,78547	9,96155,89090	92639	9,64346,30707	5,71186	10,35653,69293	0	15
	10	9,60507,98281	4,78484	9,96154,96439	92651	9,64352,01842	5,71135	10,35647,98158	50	
	20	9,60512,76702	4,78421	9,96153,03775	92664	9,64357,72927	5,71085	10,35642,27073	40	
	30	9,60517,55060	4,78358	9,96152,11100	92675	9,64363,43961	5,71034	10,35636,56039	30	
	40	9,60522,33356	4,78296	9,96151,18412	92688	9,64369,14944	5,70983	10,35630,85056	20	
	50	9,60527,11588	4,78232	9,96150,25712	92700	9,64374,85876	5,70932	10,35625,14124	10	
46	0	9,60531,89758	4,78170	9,96149,33000	92712	9,64380,56758	5,70882	10,35619,43242	0	14
	10	9,60536,67865	4,78107	9,96148,40276	92724	9,64386,27589	5,70831	10,35613,72411	50	
	20	9,60541,45909	4,78044	9,96147,47539	92737	9,64391,98370	5,70781	10,35608,01630	40	
	30	9,60546,23890	4,77981	9,96146,54791	92748	9,64397,69099	5,70729	10,35602,30901	30	
	40	9,60551,01809	4,77919	9,96145,62030	92761	9,64403,39779	5,70680	10,35596,60221	20	
	50	9,60555,79664	4,77855	9,96144,69257	92773	9,64409,10407	5,70628	10,35590,89593	10	
47	0	9,60560,57457	4,77793	9,96143,76472	92785	9,64414,80985	5,70578	10,35585,19015	0	13
	10	9,60565,35187	4,77730	9,96142,83674	92798	9,64420,51513	5,70528	10,35579,48487	50	
	20	9,60570,12854	4,77667	9,96141,90865	92809	9,64426,21990	5,70477	10,35573,78010	40	
	30	9,60574,90459	4,77605	9,96140,98043	92822	9,64431,92416	5,70426	10,35568,07584	30	
	40	9,60579,68001	4,77542	9,96139,05209	92834	9,64437,62792	5,70376	10,35562,37208	20	
	50	9,60584,45480	4,77479	9,96138,12363	92846	9,64443,33117	5,70325	10,35556,66883	10	
48	0	9,60589,22896	4,77416	9,96137,19504	92859	9,64449,03392	5,70275	10,35550,96608	0	12
	10	9,60594,00250	4,77354	9,96136,26634	92870	9,64454,73616	5,70224	10,35545,26384	50	
	20	9,60598,77541	4,77291	9,96135,33751	92883	9,64460,43790	5,70174	10,35539,56210	40	
	30	9,60603,54769	4,77228	9,96134,40856	92895	9,64466,13913	5,70123	10,35533,86087	30	
	40	9,60608,31935	4,77166	9,96133,47949	92907	9,64471,83986	5,70073	10,35528,16014	20	
	50	9,60613,09038	4,77103	9,96132,55030	92919	9,64477,54009	5,70023	10,35522,45991	10	
49	0	9,60617,86079	4,77041	9,96131,62098	92932	9,64483,23981	5,69972	10,35516,76019	0	11
	10	9,60622,63057	4,76978	9,96130,69154	92944	9,64488,93902	5,69921	10,35511,06098	50	
	20	9,60627,39972	4,76915	9,96129,76199	92955	9,64494,63774	5,69872	10,35505,36226	40	
	30	9,60632,16825	4,76853	9,96128,83230	92969	9,64500,33594	5,69820	10,35499,66406	30	
	40	9,60636,93615	4,76790	9,96127,90250	92980	9,64506,03365	5,69771	10,35493,96635	20	
	50	9,60641,70343	4,76728	9,96126,97258	92992	9,64511,73085	5,69720	10,35488,26915	10	
50	0	9,60646,47008	4,76665	9,96125,04253	93005	9,64517,42755	5,69670	10,35482,57245	0	10
		Sin. Comple.	4,76603	SINVVM	93017	Tang. compl.	5,69620	TANGEN.	S	M

23		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
50	0	9,60646,47008		9,96129,04253			9,64517,42755		10,35482,57245	0	10
	10	9,60651,23611	4,76603	9,96128,11236	93017		9,64523,12375	5,69620	10,35476,87625	50	
	20	9,60656,00151	4,76540	9,96127,18207	93029		9,64528,81944	5,69569	10,35471,18056	40	
	30	9,60660,76628	4,76477	9,96126,25166	93041		9,64534,51463	5,69519	10,35465,48537	30	
	40	9,60665,53043	4,76415	9,96125,32112	93054		9,64540,20931	5,69468	10,35459,79069	20	
	50	9,60670,29396	4,76353	9,96124,39046	93066		9,64545,90350	5,69419	10,35454,09650	10	
	0	9,60675,05686	4,76290	9,96123,45968	93078		9,64551,59718	5,69368	10,35448,40282	0	
51			4,76228	9,96122,52878	93090			5,69318			9
	10	9,60679,81914	4,76165	9,96121,59776	93102		9,64557,29036	5,69268	10,35442,70964	50	
	20	9,60684,58079	4,76103	9,96120,66661	93115		9,64562,98304	5,69217	10,35437,01696	40	
	30	9,60689,34182	4,76041	9,96119,73535	93126		9,64568,67521	5,69167	10,35431,32479	30	
	40	9,60694,10223	4,75978	9,96118,80396	93139		9,64574,36688	5,69118	10,35425,63312	20	
	50	9,60698,86201	4,75916	9,96117,87245	93151		9,64580,05806	5,69067	10,35419,94194	10	
	0	9,60703,62117	4,75854	9,96116,94081	93164		9,64585,74873	5,69016	10,35414,25127	0	
	10	9,60708,37971	4,75791	9,96115,00906	93175		9,64591,43889	5,68967	10,35408,56111	50	
	20	9,60713,13762	4,75728	9,96114,14518	93188		9,64597,12856	5,68917	10,35402,87144	40	
	30	9,60717,89490	4,75667	9,96113,21306	93200		9,64602,81773	5,68866	10,35397,18227	30	
	40	9,60722,65157	4,75604	9,96112,28081	93212		9,64608,50639	5,68816	10,35391,49361	20	
	50	9,60727,40761	4,75542	9,96111,34845	93225		9,64614,19455	5,68767	10,35385,80545	10	
	0	9,60732,16303	4,75480	9,96110,41596	93236		9,64619,88222	5,68716	10,35380,11778	0	
	10	9,60736,91783	4,75417	9,96109,48335	93249		9,64625,56938	5,68666	10,35374,43062	50	
	20	9,60741,67200	4,75355	9,96108,55062	93261		9,64631,25604	5,68616	10,35368,74396	40	
	30	9,60746,42555	4,75293	9,96107,61776	93273		9,64636,94220	5,68566	10,35363,05780	30	
	40	9,60751,17848	4,75231	9,96106,68479	93286		9,64642,62786	5,68517	10,35357,37214	20	
	50	9,60755,93079	4,75168	9,96105,75169	93297		9,64648,31303	5,68466	10,35351,68697	10	
	0	9,60760,68247	4,75107	9,96104,81847	93310		9,64653,99769	5,68416	10,35346,00231	0	
	10	9,60765,43354	4,75044	9,96103,88512	93322		9,64659,68185	5,68366	10,35340,31815	50	
	20	9,60770,18398	4,74982	9,96102,95166	93335		9,64665,36551	5,68316	10,35334,63449	40	
	30	9,60774,93380	4,74919	9,96101,08436	93346		9,64671,04867	5,68267	10,35328,95133	30	
	40	9,60779,68299	4,74858	9,96100,15053	93359		9,64676,73134	5,68216	10,35323,26866	20	
	50	9,60784,43157	4,74796	9,96099,21658	93371		9,64682,41350	5,68166	10,35317,58650	10	
	0	9,60789,17953	4,74733	9,96098,28250	93383		9,64688,09516	5,68117	10,35311,90484	0	
	10	9,60793,92686	4,74671	9,96097,34830	93395		9,64693,77633	5,68067	10,35306,22367	50	
	20	9,60798,67357	4,74610	9,96096,41398	93395		9,64699,45700	5,68017	10,35300,54300	40	
	30	9,60803,41967	4,74547	9,96095,47954	93408		9,64705,13717	5,67967	10,35294,86283	30	
	40	9,60808,16514	4,74485	9,96094,54497	93420		9,64710,81684	5,67917	10,35289,18316	20	
	50	9,60812,90999	4,74423	9,96093,61029	93432		9,64716,49601	5,67867	10,35283,50399	10	
	0	9,60817,65422	4,74361	9,96092,67548	93444		9,64722,17468	5,67818	10,35277,82532	0	
	10	9,60822,39783	4,74299	9,96091,74055	93457		9,64727,85286	5,67767	10,35272,14714	50	
	20	9,60827,14082	4,74237	9,96090,80549	93468		9,64733,53053	5,67718	10,35266,46947	40	
	30	9,60831,88319	4,74175	9,96089,87032	93481		9,64739,20771	5,67669	10,35260,79229	30	
	40	9,60836,62494	4,74113	9,96088,93502	93493		9,64744,88440	5,67618	10,35255,11560	20	
	50	9,60841,36607	4,74052	9,96087,99960	93506		9,64750,56058	5,67569	10,35249,43942	10	
	0	9,60846,10659	4,73989	9,96086,12839	93517		9,64756,23627	5,67519	10,35243,76373	0	
	10	9,60850,84648	4,73927	9,96085,19261	93530		9,64761,91146	5,67469	10,35238,08854	50	
	20	9,60855,58575	4,73865	9,96084,25670	93542		9,64767,58615	5,67419	10,35232,41385	40	
	30	9,60860,32440	4,73804	9,96083,32067	93554		9,64773,26034	5,67370	10,35226,73966	30	
	40	9,60865,06244	4,73741	9,96082,38451	93567		9,64778,93404	5,67321	10,35221,06596	20	
	50	9,60869,79985	4,73680	9,96081,44824	93578		9,64784,60725	5,67270	10,35215,39275	10	
	0	9,60874,53665	4,73618	9,96080,51184	93591		9,64790,27995	5,67221	10,35209,72005	0	
	10	9,60879,27283	4,73556	9,96079,57532	93603		9,64795,95216	5,67171	10,35204,04784	50	
	20	9,60884,00839	4,73494	9,96078,63868	93616		9,64801,62387	5,67122	10,35198,37613	40	
	30	9,60888,74333	4,73432	9,96077,70191	93627		9,64807,29509	5,67072	10,35192,70491	30	
	40	9,60893,47765	4,73371	9,96076,76503	93640		9,64812,96581	5,67023	10,35187,03419	20	
	50	9,60898,21136	4,73308	9,96075,82802	93652		9,64818,63604	5,66973	10,35181,36396	10	
	0	9,60902,94444	4,73247	9,96074,89088	93664		9,64824,30577	5,66923	10,35175,69423	0	
	10	9,60907,67691	4,73185	9,96073,95363	93677		9,64829,97500	5,66874	10,35170,02500	50	
	20	9,60912,40876	4,73124	9,96072,01625	93688		9,64835,64374	5,66824	10,35164,35626	40	
	30	9,60917,14000	4,73061		93701		9,64841,31198	5,66775	10,35158,68802	30	
	40	9,60921,87061	4,73000		93714		9,64846,97973	5,66725	10,35153,02027	20	
	50	9,60926,60061	4,72938		93725		9,64852,64698	5,66676	10,35147,35302	10	
	0	9,60931,32999	4,72877		93738		9,64858,31374	5,66626	10,35141,68626	0	
60		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,60931,32999		9,96073,01625		9,64858,31374		10,35141,68626	o	60
	10	9,60936,05876	4,72877	9,96072,07876	93749	9,64863,98000	5,66626	10,35136,02000	50	
	20	9,60940,78691	4,72815	9,96071,14113	93763	9,64869,64577	5,66577	10,35130,35423	40	
	30	9,60945,51444	4,72753	9,96070,20339	93774	9,64875,31105	5,66528	10,35124,68895	30	
	40	9,60950,24135	4,72691	9,96069,26553	93786	9,64880,97583	5,66478	10,35119,02417	20	
	50	9,60954,96765	4,72630	9,96068,32754	93799	9,64886,64011	5,66428	10,35113,35989	10	
1	0	9,60959,69333	4,72568	9,96067,38943	93811	9,64892,30390	5,66379	10,35107,69610	0	59
			4,72507	9,96066,45119	93824	9,64897,96720	5,66330	10,35102,03280	50	
	10	9,60964,41840	4,72445	9,96065,51284	93835	9,64903,63001	5,66281	10,35096,36999	40	
	20	9,60969,14285	4,72383	9,96064,57436	93848	9,64909,29232	5,66231	10,35090,70768	30	
	30	9,60973,86668	4,72322	9,96063,63576	93860	9,64914,95413	5,66181	10,35085,04587	20	
	40	9,60978,58990	4,72260	9,96062,69704	93872	9,64920,61546	5,66133	10,35079,38454	10	
	50	9,60983,31250	4,72199	9,96061,75820	93884	9,64926,27629	5,66083	10,35073,72371	0	58
2	0	9,60988,03449	4,72137	9,96060,81923	93897	9,64931,93663	5,66034	10,35068,06337	50	
			4,72075	9,96059,88014	93909	9,64937,59647	5,65984	10,35062,40353	40	
	10	9,60992,75586	4,72014	9,96058,94093	93921	9,64943,25582	5,65935	10,35056,74418	30	
	20	9,60997,47661	4,71953	9,96058,00159	93934	9,64948,91468	5,65886	10,35051,08532	20	
	30	9,61002,19675	4,71891	9,96057,06214	93945	9,64954,57305	5,65837	10,35045,42695	10	
	40	9,61006,91628	4,71829	9,96056,12256	93958	9,64960,23092	5,65787	10,35039,76908	0	57
	50	9,61011,63519	4,71768	9,96055,18286	93970	9,64965,88831	5,65739	10,35034,11169	50	
3	0	9,61016,35348	4,71707	9,96054,24303	93983	9,64971,54520	5,65689	10,35028,45480	40	
			4,71645	9,96053,30309	93994	9,64977,20160	5,65640	10,35022,79840	30	
	10	9,61021,07116	4,71584	9,96052,36302	94007	9,64982,85750	5,65590	10,35017,14250	20	
	20	9,61025,78823	4,71523	9,96051,42283	94019	9,64988,51292	5,65542	10,35011,48708	10	
	30	9,61030,50468	4,71461	9,96050,48252	94031	9,64994,16784	5,65492	10,35005,83216	0	56
	40	9,61035,22052	4,71399	9,96049,54208	94044	9,64999,82227	5,65443	10,35000,17773	50	
	50	9,61039,93575	4,71338	9,96048,60152	94056	9,65005,47621	5,65394	10,34994,52379	40	
4	0	9,61044,65036	4,71277	9,96047,66084	94068	9,65011,12966	5,65345	10,34988,87034	30	
			4,71216	9,96046,72004	94080	9,65016,78262	5,65296	10,34983,21738	20	
	10	9,61049,36435	4,71154	9,96045,77911	94093	9,65022,43509	5,65247	10,34977,56491	10	
	20	9,61054,07773	4,71093	9,96044,83806	94105	9,65028,08707	5,65198	10,34971,91293	0	55
	30	9,61058,79050	4,71032	9,96043,89689	94117	9,65033,73855	5,65148	10,34966,26145	50	
	40	9,61063,50266	4,70970	9,96042,95560	94129	9,65039,38955	5,65100	10,34960,61045	40	
	50	9,61068,21420	4,70909	9,96042,01419	94141	9,65045,04005	5,65050	10,34954,95995	30	
5	0	9,61072,92513	4,70848	9,96041,07265	94154	9,65050,69007	5,65002	10,34949,30993	20	
			4,70786	9,96040,13099	94166	9,65056,33960	5,64953	10,34943,66040	10	
	10	9,61077,63545	4,70726	9,96039,18920	94179	9,65061,98863	5,64903	10,34938,01137	0	54
	20	9,61082,34515	4,70664	9,96038,24730	94190	9,65067,63718	5,64855	10,34932,36282	50	
	30	9,61087,05424	4,70603	9,96037,30527	94203	9,65073,28523	5,64805	10,34926,71477	40	
	40	9,61091,76272	4,70541	9,96036,36312	94215	9,65078,93280	5,64757	10,34921,06720	30	
	50	9,61096,47058	4,70481	9,96035,42085	94227	9,65084,57988	5,64708	10,34915,42012	20	
6	0	9,61101,17784	4,70419	9,96034,47845	94240	9,65090,22647	5,64659	10,34909,77353	10	
			4,70358	9,96033,53593	94252	9,65095,87257	5,64610	10,34904,12743	0	53
	10	9,61105,88448	4,70297	9,96032,59329	94264	9,65101,51818	5,64561	10,34898,48182	50	
	20	9,61110,59051	4,70236	9,96031,65053	94276	9,65107,16330	5,64512	10,34892,83670	40	
	30	9,61115,29592	4,70175	9,96030,70764	94289	9,65112,80793	5,64463	10,34887,19207	30	
	40	9,61120,00073	4,70114	9,96029,76464	94300	9,65118,45208	5,64415	10,34881,54792	20	
	50	9,61124,70492	4,70052	9,96028,82151	94313	9,65124,09574	5,64366	10,34875,90426	10	
7	0	9,61129,40850	4,69992	9,96027,87825	94326	9,65129,73890	5,64316	10,34870,26110	0	52
			4,69930	9,96026,93488	94337	9,65135,38158	5,64268	10,34864,61842	50	
	10	9,61134,11147	4,69869	9,96025,99138	94350	9,65141,02378	5,64220	10,34858,97622	40	
	20	9,61138,81383	4,69809	9,96025,04776	94362	9,65146,66548	5,64170	10,34853,33452	30	
	30	9,61143,51558	4,69747	9,96024,10401	94375	9,65152,30670	5,64122	10,34847,69330	20	
	40	9,61148,21672	4,69686	9,96023,16015	94386	9,65157,94743	5,64073	10,34842,05257	10	
	50	9,61152,91724	4,69626	9,96022,21616	94399	9,65163,58767	5,64024	10,34836,41233	0	51
8	0	9,61157,61716	4,69564	9,96021,27205	94411	9,65169,22742	5,63975	10,34830,77258	50	
			4,69503	9,96020,32781	94424	9,65174,86669	5,63927	10,34825,13331	40	
	10	9,61162,31646	4,69443	9,96019,38346	94435	9,65180,50547	5,63878	10,34819,49453	30	
	20	9,61167,01515	4,69381	9,96018,43898	94448	9,65186,14377	5,63830	10,34813,85623	20	
	30	9,61171,71324	4,69321	9,96017,49437	94461	9,65191,78157	5,63780	10,34808,21843	10	
	40	9,61176,41071	4,69259	9,96016,54965	94472	9,65197,41889	5,63732	10,34802,58111	0	50
	50	9,61181,10757	4,69199		94485		5,63684			
9	0	9,61185,80383		SINVVM		TANGEN.		TANGEN.	S	M
	10	9,61190,49947								
	20	9,61195,19450								
	30	9,61199,88893								
	40	9,61204,58274								
	50	9,61209,27595								
10	0	9,61213,96854								

24		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
10	0	9,61213,96854		9,96016,54965		9,65197,41889		10,34802,58111	0	50
	10	9,61218,66053	4,69199	9,96015,60480	94485	9,65203,05573	5,63684	10,34796,94427	50	
	20	9,61223,35191	4,69138	9,96014,65983	94497	9,65208,69208	5,63635	10,34791,30792	40	
	30	9,61228,04268	4,69077	9,96013,71474	94509	9,65214,32794	5,63586	10,34785,67206	30	
	40	9,61232,73284	4,69016	9,96012,76953	94521	9,65219,96331	5,63537	10,34780,03669	20	
	50	9,61237,42239	4,68955	9,96011,82419	94534	9,65225,59820	5,63489	10,34774,40180	10	
11	0	9,61242,11134	4,68895	9,96010,87873	94546	9,65231,23261	5,63441	10,34768,76739	0	49
	10	9,61246,79967	4,68833	9,96009,93314	94559	9,65236,86653	5,63392	10,34763,13347	50	
	20	9,61251,48740	4,68773	9,96008,98744	94570	9,65242,49996	5,63343	10,34757,50004	40	
	30	9,61256,17452	4,68712	9,96008,04161	94583	9,65248,13291	5,63295	10,34751,86709	30	
	40	9,61260,86103	4,68651	9,96007,09566	94595	9,65253,76537	5,63246	10,34746,23463	20	
	50	9,61265,54693	4,68590	9,96006,14959	94607	9,65259,39735	5,63198	10,34740,60265	10	
12	0	9,61270,23223	4,68530	9,96005,20339	94620	9,65265,02884	5,63149	10,34734,97116	0	48
	10	9,61274,91692	4,68469	9,96004,25707	94632	9,65270,65985	5,63101	10,34729,34015	50	
	20	9,61279,60100	4,68408	9,96003,31063	94644	9,65276,29037	5,63052	10,34723,70963	40	
	30	9,61284,28447	4,68347	9,96002,36406	94657	9,65281,92041	5,63004	10,34718,07959	30	
	40	9,61288,96734	4,68287	9,96001,41738	94668	9,65287,54996	5,62955	10,34712,45004	20	
	50	9,61293,64960	4,68226	9,96000,47057	94681	9,65293,17903	5,62907	10,34706,82097	10	
13	0	9,61298,33125	4,68165	9,95999,52363	94694	9,65298,80762	5,62859	10,34701,19238	0	47
	10	9,61303,01230	4,68105	9,95998,57658	94705	9,65304,43572	5,62810	10,34695,56428	50	
	20	9,61307,69274	4,68044	9,95997,62940	94718	9,65310,06334	5,62762	10,34689,93666	40	
	30	9,61312,37257	4,67983	9,95996,68210	94730	9,65315,69047	5,62713	10,34684,30953	30	
	40	9,61317,05180	4,67923	9,95995,73468	94742	9,65321,31713	5,62666	10,34678,68287	20	
	50	9,61321,73042	4,67862	9,95994,78713	94755	9,65326,94329	5,62616	10,34673,05671	10	
14	0	9,61326,40844	4,67802	9,95993,83946	94767	9,65332,56898	5,62569	10,34667,43102	0	46
	10	9,61331,08585	4,67741	9,95992,89167	94779	9,65338,19418	5,62520	10,34661,80582	50	
	20	9,61335,76265	4,67680	9,95991,94375	94792	9,65343,81890	5,62472	10,34656,18110	40	
	30	9,61340,43885	4,67620	9,95990,99572	94803	9,65349,44313	5,62423	10,34650,55687	30	
	40	9,61345,11444	4,67559	9,95990,04756	94816	9,65355,06688	5,62375	10,34644,93312	20	
	50	9,61349,78943	4,67499	9,95989,09927	94829	9,65360,69015	5,62327	10,34639,30985	10	
15	0	9,61354,46381	4,67438	9,95988,15087	94840	9,65366,31294	5,62279	10,34633,68706	0	45
	10	9,61359,13758	4,67377	9,95987,20234	94853	9,65371,93525	5,62231	10,34628,06475	50	
	20	9,61363,81076	4,67318	9,95986,25369	94865	9,65377,55707	5,62182	10,34622,44293	40	
	30	9,61368,48332	4,67256	9,95985,30491	94878	9,65383,17841	5,62134	10,34616,82159	30	
	40	9,61373,15528	4,67196	9,95984,35602	94889	9,65388,79927	5,62086	10,34611,20073	20	
	50	9,61377,82664	4,67136	9,95983,40700	94902	9,65394,41965	5,62038	10,34605,58035	10	
16	0	9,61382,49739	4,67075	9,95982,45785	94915	9,65400,03954	5,61989	10,34599,96046	0	44
	10	9,61387,16754	4,67015	9,95981,50859	94926	9,65405,65895	5,61941	10,34594,34105	50	
	20	9,61391,83709	4,66955	9,95980,55920	94939	9,65411,27789	5,61894	10,34588,72211	40	
	30	9,61396,50603	4,66894	9,95979,60969	94951	9,65416,89634	5,61845	10,34583,10366	30	
	40	9,61401,17436	4,66833	9,95978,66005	94964	9,65422,51431	5,61797	10,34577,48569	20	
	50	9,61405,84210	4,66774	9,95977,71030	94975	9,65428,13180	5,61749	10,34571,86820	10	
17	0	9,61410,50922	4,66712	9,95976,76042	94988	9,65433,74881	5,61701	10,34566,25119	0	43
	10	9,61415,17575	4,66653	9,95975,81042	95000	9,65439,36533	5,61652	10,34560,63467	50	
	20	9,61419,84167	4,66592	9,95974,86029	95013	9,65444,98138	5,61605	10,34555,01862	40	
	30	9,61424,50699	4,66532	9,95973,91004	95025	9,65450,59695	5,61557	10,34549,40305	30	
	40	9,61429,17171	4,66472	9,95972,95967	95037	9,65456,21203	5,61508	10,34543,78797	20	
	50	9,61433,83582	4,66411	9,95972,00918	95049	9,65461,82664	5,61461	10,34538,17336	10	
18	0	9,61438,49933	4,66351	9,95971,05856	95062	9,65467,44077	5,61413	10,34532,55923	0	42
	10	9,61443,16223	4,66290	9,95970,10782	95074	9,65473,05441	5,61364	10,34526,94559	50	
	20	9,61447,82454	4,66231	9,95969,15696	95086	9,65478,66758	5,61317	10,34521,33242	40	
	30	9,61452,48624	4,66170	9,95968,20597	95099	9,65484,28027	5,61269	10,34515,71973	30	
	40	9,61457,14734	4,66110	9,95967,25486	95111	9,65489,89247	5,61220	10,34510,10753	20	
	50	9,61461,80783	4,66049	9,95966,30363	95123	9,65495,50420	5,61173	10,34504,49580	10	
19	0	9,61466,46773	4,65990	9,95965,35228	95135	9,65501,11545	5,61125	10,34498,88455	0	41
	10	9,61471,12702	4,65929	9,95964,40080	95148	9,65506,72622	5,61077	10,34493,27378	50	
	20	9,61475,78571	4,65869	9,95963,44920	95160	9,65512,33651	5,61029	10,34487,66349	40	
	30	9,61480,44380	4,65809	9,95962,49748	95172	9,65517,94632	5,60981	10,34482,05368	30	
	40	9,61485,10129	4,65749	9,95961,54563	95185	9,65523,55565	5,60933	10,34476,44435	20	
	50	9,61489,75817	4,65688	9,95960,59366	95197	9,65529,16451	5,60886	10,34470,83549	10	
20	0	9,61494,41446	4,65629	9,95959,64157	95209	9,65534,77289	5,60838	10,34465,22711	0	40
		Sin. Comple.	4,65568	SINVVM	95221	Tang. compl.	5,60789	TANGEN.	S	M

24		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
20	0	9,61494,41446		9,95959,64157			9,65534,77289		10,34465,22711	0	40
	10	9,61499,07014	4,65568	9,95958,68936	95221		9,65540,38078	5,60789	10,34459,61922	50	
	20	9,61503,72522	4,65508	9,95957,73702	95234		9,65545,98820	5,60742	10,34454,01180	40	
	30	9,61508,37970	4,65448	9,95956,78456	95246		9,65551,59515	5,60695	10,34448,40485	30	
	40	9,61513,03358	4,65388	9,95955,83197	95259		9,65557,20161	5,60646	10,34442,79839	20	
	50	9,61517,68686	4,65328	9,95954,87927	95270		9,65562,80760	5,60599	10,34437,19240	10	
21	0	9,61522,33954	4,65268	9,95953,92644	95283		9,65568,41310	5,60550	10,34431,58690	0	39
	10	9,61526,99162	4,65208	9,95952,97348	95296		9,65574,01813	5,60503	10,34425,98187	50	
	20	9,61531,64310	4,65148	9,95952,02041	95307		9,65579,62269	5,60456	10,34420,37731	40	
	30	9,61536,29398	4,65088	9,95951,06721	95320		9,65585,22676	5,60407	10,34414,77324	30	
	40	9,61540,94425	4,65027	9,95950,11389	95332		9,65590,83036	5,60360	10,34409,16964	20	
	50	9,61545,59393	4,64968	9,95949,16044	95345		9,65596,43349	5,60313	10,34403,56651	10	
22	0	9,61550,24301	4,64908	9,95948,20688	95356		9,65602,03613	5,60264	10,34397,96387	0	38
	10	9,61554,89149	4,64848	9,95947,25319	95369		9,65607,63830	5,60217	10,34392,36170	50	
	20	9,61559,53937	4,64788	9,95946,29937	95382		9,65613,23999	5,60169	10,34386,76001	40	
	30	9,61564,18665	4,64728	9,95945,34544	95393		9,65618,84121	5,60122	10,34381,15879	30	
	40	9,61568,83333	4,64668	9,95944,39138	95406		9,65624,44195	5,60074	10,34375,55805	20	
	50	9,61573,47941	4,64608	9,95943,43719	95419		9,65630,04221	5,60026	10,34369,95779	10	
23	0	9,61578,12489	4,64548	9,95942,48289	95430		9,65635,64200	5,59979	10,34364,35800	0	37
	10	9,61582,76977	4,64488	9,95941,52846	95443		9,65641,24131	5,59931	10,34358,75869	50	
	20	9,61587,41405	4,64428	9,95940,57391	95455		9,65646,84015	5,59884	10,34353,15985	40	
	30	9,61592,05774	4,64369	9,95939,61923	95468		9,65652,43851	5,59836	10,34347,56149	30	
	40	9,61596,70083	4,64309	9,95938,66443	95480		9,65658,03639	5,59788	10,34341,96361	20	
	50	9,61601,34332	4,64249	9,95937,70951	95492		9,65663,63380	5,59741	10,34336,36620	10	
24	0	9,61605,98521	4,64189	9,95936,75447	95504		9,65669,23074	5,59694	10,34330,76926	0	36
	10	9,61610,62650	4,64129	9,95935,79930	95517		9,65674,82720	5,59646	10,34325,17280	50	
	20	9,61615,26719	4,64069	9,95934,84401	95529		9,65680,42318	5,59598	10,34319,57682	40	
	30	9,61619,90729	4,64010	9,95933,88860	95541		9,65686,01869	5,59551	10,34313,98131	30	
	40	9,61624,54679	4,63950	9,95932,93306	95554		9,65691,61373	5,59504	10,34308,38627	20	
	50	9,61629,18569	4,63890	9,95931,97740	95566		9,65697,20829	5,59456	10,34302,79171	10	
25	0	9,61633,82399	4,63830	9,95931,02162	95578		9,65702,80237	5,59408	10,34297,19763	0	35
	10	9,61638,46169	4,63770	9,95930,06571	95591		9,65708,39598	5,59361	10,34291,60402	50	
	20	9,61643,09880	4,63711	9,95929,10968	95603		9,65713,98912	5,59314	10,34286,01088	40	
	30	9,61647,73531	4,63651	9,95928,15353	95615		9,65719,58179	5,59267	10,34280,41821	30	
	40	9,61652,37123	4,63592	9,95927,19725	95628		9,65725,17397	5,59218	10,34274,82603	20	
	50	9,61657,00655	4,63532	9,95926,24086	95639		9,65730,76569	5,59172	10,34269,23431	10	
26	0	9,61661,64127	4,63472	9,95925,28433	95653		9,65736,35693	5,59124	10,34263,64307	0	34
	10	9,61666,27539	4,63412	9,95924,32769	95664		9,65741,94770	5,59077	10,34258,05230	50	
	20	9,61670,90892	4,63353	9,95923,37092	95677		9,65747,53800	5,59030	10,34252,46200	40	
	30	9,61675,54185	4,63293	9,95922,41403	95689		9,65753,12782	5,58982	10,34246,87218	30	
	40	9,61680,17418	4,63233	9,95921,45702	95701		9,65758,71717	5,58935	10,34241,28283	20	
	50	9,61684,80592	4,63174	9,95920,49988	95714		9,65764,30604	5,58887	10,34235,69396	10	
27	0	9,61689,43707	4,63115	9,95919,54262	95726		9,65769,89445	5,58841	10,34230,10555	0	33
	10	9,61694,06761	4,63054	9,95918,58523	95739		9,65775,48238	5,58793	10,34224,51762	50	
	20	9,61698,69756	4,62995	9,95917,62773	95750		9,65781,06984	5,58746	10,34218,93016	40	
	30	9,61703,32692	4,62936	9,95916,67010	95763		9,65786,65682	5,58698	10,34213,34318	30	
	40	9,61707,95568	4,62876	9,95915,71234	95776		9,65792,24334	5,58652	10,34207,75666	20	
	50	9,61712,58385	4,62817	9,95914,75447	95787		9,65797,82938	5,58604	10,34202,17062	10	
28	0	9,61717,21141	4,62756	9,95913,79647	95800		9,65803,41495	5,58557	10,34196,58505	0	32
	10	9,61721,83839	4,62698	9,95912,83834	95813		9,65809,00004	5,58509	10,34190,99996	50	
	20	9,61726,46477	4,62638	9,95911,88010	95824		9,65814,58467	5,58463	10,34185,41533	40	
	30	9,61731,09055	4,62578	9,95910,92173	95837		9,65820,16882	5,58415	10,34179,83118	30	
	40	9,61735,71574	4,62519	9,95909,96324	95849		9,65825,75251	5,58369	10,34174,24749	20	
	50	9,61740,34034	4,62460	9,95909,00462	95862		9,65831,33572	5,58321	10,34168,66428	10	
29	0	9,61744,96434	4,62400	9,95908,04588	95874		9,65836,91846	5,58274	10,34163,08154	0	31
	10	9,61749,58775	4,62341	9,95907,08702	95886		9,65842,50073	5,58227	10,34157,49927	50	
	20	9,61754,21056	4,62281	9,95906,12803	95899		9,65848,08252	5,58179	10,34151,91748	40	
	30	9,61758,83278	4,62222	9,95905,16892	95911		9,65853,66385	5,58133	10,34146,33615	30	
	40	9,61763,45440	4,62162	9,95904,20969	95923		9,65859,24471	5,58086	10,34140,75529	20	
	50	9,61768,07543	4,62103	9,95903,25034	95935		9,65864,82509	5,58038	10,34135,17491	10	
30	0	9,61772,69587	4,62044	9,95902,29086	95948		9,65870,40501	5,57992	10,34129,59499	0	30
			4,61984		95960			5,57944			
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

24		SINVVM		Sin. Comple.			TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.		Logarithmi.	communes.	Logarithmi.		
30	0	9,61772,69587		9,95902,29086			9,65870,40501		10,34129,59499	0	30
	10	9,61777,31571	4,61984	9,95901,33126	95960		9,65875,98445	5:57944	10,34124,01555	50	
	20	9,61781,93496	4,61925	9,95900,37153	95973		9,65881,56343	5:57898	10,34118,43657	40	
	30	9,61786,55362	4,61866	9,95899,41168	95985		9,65887,14193	5:57850	10,34112,85807	30	
	40	9,61791,17168	4,61806	9,95898,45171	95997		9,65892,71997	5:57804	10,34107,28003	20	
	50	9,61795,78915	4,61747	9,95897,49162	96009		9,65898,29753	5:57756	10,34101,70247	10	
31	0	9,61800,40603	4,61688	9,95896,53140	96022		9,65903,87463	5:57710	10,34096,12537	0	29
			4,61628		96034			5:57663			
	10	9,61805,02231	4,61569	9,95895,57106	96047		9,65909,45126	5:57615	10,34090,54874	50	
	20	9,61809,63800	4,61510	9,95894,61059	96059		9,65915,02741	5:57569	10,34084,97259	40	
	30	9,61814,25310	4,61451	9,95893,65000	96071		9,65920,60310	5:57522	10,34079,39690	30	
	40	9,61818,86761	4,61391	9,95892,68929	96083		9,65926,17832	5:57475	10,34073,82168	20	
	50	9,61823,48152	4,61333	9,95891,72846	96096		9,65931,75307	5:57428	10,34068,24693	10	
32	0	9,61828,09485	4,61273	9,95890,76750	96108		9,65937,32735	5:57381	10,34062,67265	0	28
			4,61213		96121			5:57334			
	10	9,61832,70758	4,61155	9,95889,80642	96133		9,65948,47450	5:57288	10,34051,52550	40	
	20	9,61837,31971	4,61095	9,95888,84521	96145		9,65954,04738	5:57240	10,34045,95262	30	
	30	9,61841,93126	4,61037	9,95887,88388	96158		9,65959,61978	5:57194	10,34040,38022	20	
	40	9,61846,54221	4,60977	9,95886,92243	96169		9,65965,19172	5:57147	10,34034,80828	10	
	50	9,61851,15258	4,60918	9,95885,96085	96183		9,65970,76319	5:57101	10,34029,23681	0	27
33	0	9,61855,76235	4,60859	9,95884,03733	96194		9,65976,33420	5:57053	10,34023,66580	50	
			4,60800		96207			5:57007			
	10	9,61860,37153	4,60740	9,95883,07539	96219		9,65981,90473	5:56960	10,34018,09527	40	
	20	9,61864,98012	4,60682	9,95882,11332	96232		9,65987,47480	5:56913	10,34012,52520	30	
	30	9,61869,58812	4,60622	9,95881,15113	96244		9,65993,04440	5:56866	10,34006,95560	20	
	40	9,61874,19552	4,60564	9,95880,18881	96256		9,65998,61353	5:56820	10,34001,38647	10	
	50	9,61878,80234	4,60504	9,95879,22637	96268		9,66004,18219	5:56773	10,33995,81781	0	26
34	0	9,61883,40856	4,60446	9,95878,26381	96281		9,66009,75039	5:56726	10,33990,24961	50	
			4,60386		96294			5:56680			
	10	9,61888,01420	4,60328	9,95877,30113	96305		9,66015,31812	5:56633	10,33984,68188	40	
	20	9,61892,61924	4,60268	9,95876,33832	96318		9,66020,88538	5:56586	10,33979,11462	30	
	30	9,61897,22370	4,60210	9,95875,37538	96330		9,66026,45218	5:56540	10,33973,54782	20	
	40	9,61901,82756	4,60150	9,95874,41233	96343		9,66032,01851	5:56493	10,33967,98149	10	
	50	9,61906,43084	4,60091	9,95873,44915	96355		9,66037,58437	5:56446	10,33962,41563	0	25
35	0	9,61911,03352	4,60033	9,95872,48585	96367		9,66043,14977	5:56400	10,33956,85023	50	
			4,59974		96380			5:56354			
	10	9,61915,63562	4,59914	9,95871,52242	96392		9,66048,71470	5:56306	10,33951,28530	40	
	20	9,61920,23712	4,59856	9,95870,55887	96404		9,66054,27916	5:56261	10,33945,72084	30	
	30	9,61924,83803	4,59797	9,95869,59520	96417		9,66059,84316	5:56213	10,33940,15684	20	
	40	9,61929,43836	4,59738	9,95868,63140	96429		9,66065,40670	5:56167	10,33934,59330	10	
	50	9,61934,03810	4,59679	9,95867,66748	96442		9,66070,96976	5:56121	10,33929,03024	0	24
36	0	9,61938,63724	4,59621	9,95866,70344	96453		9,66076,53237	5:56074	10,33923,46763	50	
			4,59561		96466			5:56027			
	10	9,61943,23580	4,59503	9,95865,73927	96479		9,66082,09450	5:55982	10,33917,90550	40	
	20	9,61947,83377	4,59443	9,95864,77498	96491		9,66087,65617	5:55934	10,33912,34383	30	
	30	9,61952,43115	4,59385	9,95863,81056	96503		9,66093,21738	5:55888	10,33906,78262	20	
	40	9,61957,02794	4,59327	9,95862,84603	96515		9,66098,77812	5:55842	10,33901,22188	10	
	50	9,61961,62415	4,59267	9,95861,88137	96528		9,66104,33839	5:55795	10,33895,66161	0	23
37	0	9,61966,21976	4,59209	9,95860,91658	96540		9,66109,89821	5:55749	10,33890,10179	50	
			4,59150		96553			5:55703			
	10	9,61970,81479	4,59091	9,95859,95167	96565		9,66115,45755	5:55656	10,33884,54245	40	
	20	9,61975,40922	4,59032	9,95858,98664	96577		9,66121,01643	5:55609	10,33878,98357	30	
	30	9,61980,00307	4,58974	9,95857,05621	96590		9,66126,57485	5:55564	10,33873,42515	20	
	40	9,61984,59634	4,58915	9,95856,09081	96602		9,66132,13280	5:55517	10,33867,86720	10	
	50	9,61989,18901	4,58856	9,95855,12528	96614		9,66137,69029	5:55470	10,33862,30971	0	22
38	0	9,61993,78110	4,58798	9,95854,15963	96627		9,66143,24732	5:55425	10,33856,75268	50	
			4,58739		96639			5:55378			
	10	9,61998,37260	4,58680	9,95853,19386	96651		9,66148,80388	5:55331	10,33851,19612	40	
	20	9,62002,96351	4,58622	9,95852,22796	96664		9,66154,35997	5:55286	10,33845,64003	30	
	30	9,62007,55383	4,58563	9,95851,26194	96676		9,66159,91561	5:55239	10,33840,08439	20	
	40	9,62012,14357	4,58504	9,95850,29580	96689		9,66165,47078	5:55193	10,33834,52922	10	
	50	9,62016,73272	4,58446	9,95849,32953	96701		9,66171,02548	5:55147	10,33828,97452	0	21
39	0	9,62021,32128		9,95848,36314			9,66176,57973		10,33823,42027	50	
				9,95847,39663			9,66182,13351		10,33817,86649	40	
	10	9,62025,90926		9,95846,42999			9,66187,68682		10,33812,31318	30	
	20	9,62030,49665		9,95845,46323			9,66193,23968		10,33806,76032	20	
	30	9,62035,08345		9,95844,49634			9,66198,79207		10,33801,20793	10	
	40	9,62039,66967					9,66204,34400		10,33795,65600	0	20
	50	9,62044,25530									
40	0	9,62048,84034									
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

24		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
40	0	9,62048,84034		9,95844,49634		9,66204,34400		10,33795,65600	0	20
	10	9,62053,42480	4,58446	9,95843,52933	96701	9,66209,89547	5:55147	10,33790,10453	50	
	20	9,62058,00867	4,58387	9,95842,56220	96713	9,66215,44647	5:55100	10,33784,55353	40	
	30	9,62062,59196	4,58329	9,95841,59494	96726	9,66220,99701	5:55054	10,33779,00299	30	
	40	9,62067,17466	4,58270	9,95840,62756	96738	9,66226,54709	5:55008	10,33773,45291	20	
	50	9,62071,75677	4,58211	9,95839,66006	96750	9,66232,09671	5:54962	10,33767,90329	10	
41	0	9,62076,33830	4,58153	9,95838,69243	96763	9,66237,64587	5:54916	10,33762,35413	0	19
	10	9,62080,91924	4,58094	9,95837,72468	96775	9,66243,19456	5:54869	10,33756,80544	50	
	20	9,62085,49960	4,58036	9,95836,75681	96787	9,66248,74279	5:54823	10,33751,25721	40	
	30	9,62090,07938	4,57978	9,95835,78881	96800	9,66254,29056	5:54777	10,33745,70944	30	
	40	9,62094,65857	4,57919	9,95834,82069	96812	9,66259,83787	5:54731	10,33740,16213	20	
	50	9,62099,23717	4,57860	9,95833,85245	96824	9,66265,38472	5:54685	10,33734,61528	10	
42	0	9,62103,81519	4,57802	9,95832,88408	96837	9,66270,93111	5:54639	10,33729,06889	0	18
	10	9,62108,39262	4,57743	9,95831,91558	96850	9,66276,47704	5:54593	10,33723,52296	50	
	20	9,62112,96947	4,57685	9,95830,94697	96861	9,66282,02250	5:54546	10,33717,97750	40	
	30	9,62117,54574	4,57627	9,95829,97823	96874	9,66287,56751	5:54501	10,33712,43249	30	
	40	9,62122,12142	4,57568	9,95829,00937	96886	9,66293,11205	5:54454	10,33706,88795	20	
	50	9,62126,69652	4,57510	9,95828,04038	96899	9,66298,65614	5:54409	10,33701,34386	10	
43	0	9,62131,27103	4,57451	9,95827,07127	96911	9,66304,19976	5:54362	10,33695,80024	0	17
	10	9,62135,84496	4,57393	9,95826,10203	96924	9,66309,74293	5:54317	10,33690,25707	50	
	20	9,62140,41831	4,57335	9,95825,13267	96936	9,66315,28563	5:54270	10,33684,71437	40	
	30	9,62144,99107	4,57276	9,95824,16319	96948	9,66320,82788	5:54225	10,33679,17212	30	
	40	9,62149,56325	4,57218	9,95823,19359	96960	9,66326,36966	5:54178	10,33673,63034	20	
	50	9,62154,13484	4,57159	9,95822,22386	96973	9,66331,91098	5:54132	10,33668,08902	10	
44	0	9,62158,70585	4,57101	9,95821,25400	96986	9,66337,45185	5:54087	10,33662,54815	0	16
	10	9,62163,27628	4,57043	9,95820,28403	96997	9,66342,99226	5:54041	10,33657,00774	50	
	20	9,62167,84613	4,56985	9,95819,31393	97010	9,66348,53220	5:53994	10,33651,46780	40	
	30	9,62172,41539	4,56926	9,95818,34370	97023	9,66354,07169	5:53949	10,33645,92831	30	
	40	9,62176,98407	4,56868	9,95817,37335	97035	9,66359,61072	5:53903	10,33640,38928	20	
	50	9,62181,55217	4,56810	9,95816,40288	97047	9,66365,14929	5:53857	10,33634,85071	10	
45	0	9,62186,11968	4,56751	9,95815,43229	97059	9,66370,68740	5:53811	10,33629,31260	0	15
	10	9,62190,68662	4,56694	9,95814,46157	97072	9,66376,22505	5:53765	10,33623,77495	50	
	20	9,62195,25297	4,56635	9,95813,49072	97085	9,66381,76224	5:53719	10,33618,23776	40	
	30	9,62199,81874	4,56577	9,95812,51976	97096	9,66387,29898	5:53674	10,33612,70102	30	
	40	9,62204,38392	4,56518	9,95811,54867	97109	9,66392,83526	5:53628	10,33607,16474	20	
	50	9,62208,94853	4,56461	9,95810,57745	97122	9,66398,37108	5:53582	10,33601,62892	10	
46	0	9,62213,51255	4,56402	9,95809,60611	97134	9,66403,90644	5:53536	10,33596,09356	0	14
	10	9,62218,07599	4,56344	9,95808,63465	97146	9,66409,44134	5:53490	10,33590,55866	50	
	20	9,62222,63885	4,56286	9,95807,66306	97159	9,66414,97579	5:53445	10,33585,02421	40	
	30	9,62227,20113	4,56228	9,95806,69135	97171	9,66420,50977	5:53398	10,33579,49023	30	
	40	9,62231,76282	4,56169	9,95805,71952	97183	9,66426,04330	5:53353	10,33573,95670	20	
	50	9,62236,32394	4,56112	9,95804,74756	97196	9,66431,57638	5:53308	10,33568,42362	10	
47	0	9,62240,88447	4,56053	9,95803,77548	97208	9,66437,10899	5:53261	10,33562,89101	0	13
	10	9,62245,44443	4,55996	9,95802,80328	97220	9,66442,64115	5:53216	10,33557,35885	50	
	20	9,62250,00380	4,55937	9,95801,83095	97233	9,66448,17285	5:53170	10,33551,82715	40	
	30	9,62254,56259	4,55879	9,95800,85849	97246	9,66453,70410	5:53125	10,33546,29590	30	
	40	9,62259,12081	4,55822	9,95799,88592	97257	9,66459,23489	5:53079	10,33540,76511	20	
	50	9,62263,67844	4,55763	9,95798,91322	97270	9,66464,76522	5:53033	10,33535,23478	10	
48	0	9,62268,23549	4,55705	9,95797,94039	97283	9,66470,29509	5:52987	10,33529,70491	0	12
	10	9,62272,79196	4,55647	9,95796,96744	97295	9,66475,82451	5:52942	10,33524,17549	50	
	20	9,62277,34785	4,55589	9,95795,99437	97307	9,66481,35348	5:52897	10,33518,64652	40	
	30	9,62281,90316	4,55531	9,95795,02118	97319	9,66486,88198	5:52850	10,33513,11802	30	
	40	9,62286,45789	4,55473	9,95794,04786	97332	9,66492,41003	5:52805	10,33507,58997	20	
	50	9,62291,01204	4,55415	9,95793,07441	97345	9,66497,93763	5:52760	10,33502,06237	10	
49	0	9,62295,56561	4,55357	9,95792,10084	97357	9,66503,46477	5:52714	10,33496,53523	0	11
	10	9,62300,11860	4,55299	9,95791,12715	97369	9,66508,99145	5:52668	10,33491,00855	50	
	20	9,62304,67102	4,55242	9,95790,15334	97381	9,66514,51768	5:52623	10,33485,48232	40	
	30	9,62309,22285	4,55183	9,95789,17940	97394	9,66520,04345	5:52577	10,33479,95655	30	
	40	9,62313,77411	4,55126	9,95788,20533	97407	9,66525,56877	5:52532	10,33474,43123	20	
	50	9,62318,32478	4,55067	9,95787,23115	97418	9,66531,09363	5:52486	10,33468,90637	10	
50	0	9,62322,87488	4,55010	9,95786,25684	97431	9,66536,61804	5:52441	10,33463,38196	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

24		SINVVM	Differ.	Sin. Comple.	Diff.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.		Logarithmi.			Logarithmi.	communes.	Logarithmi.		
50	0	9,62322,87488		9,95786,25684			9,66536,61804		10,33463,38196	0	10
	10	9,62327,42440	4,54952	9,95785,28240	97444		9,66542,14199	5,52395	10,33457,85801	50	
	20	9,62331,97333	4,54893	9,95784,30784	97456		9,66547,66549	5,52350	10,33452,33451	40	
	30	9,62336,52170	4,54837	9,95783,33316	97468		9,66553,18854	5,52305	10,33446,81146	30	
	40	9,62341,06948	4,54778	9,95782,35835	97481		9,66558,71113	5,52259	10,33441,28887	20	
	50	9,62345,61668	4,54720	9,95781,38342	97493		9,66564,23326	5,52213	10,33435,76674	10	
51	0	9,62350,16331	4,54663	9,95780,40837	97505		9,66569,75494	5,52168	10,33430,24506	0	9
	10	9,62354,70936	4,54605	9,95779,43319	97518		9,66575,27617	5,52123	10,33424,72383	50	
	20	9,62359,25483	4,54547	9,95778,45788	97531		9,66580,79694	5,52077	10,33419,20306	40	
	30	9,62363,79972	4,54489	9,95777,48246	97542		9,66586,31726	5,52032	10,33413,68274	30	
	40	9,62368,34403	4,54431	9,95776,50691	97555		9,66591,83713	5,51987	10,33408,16287	20	
	50	9,62372,88777	4,54374	9,95775,53123	97568		9,66597,35654	5,51941	10,33402,64346	10	
52	0	9,62377,43093	4,54316	9,95774,55543	97580		9,66602,87550	5,51896	10,33397,12450	0	8
	10	9,62381,97351	4,54258	9,95773,57951	97592		9,66608,39400	5,51850	10,33391,60600	50	
	20	9,62386,51552	4,54201	9,95772,60346	97605		9,66613,91206	5,51806	10,33386,08794	40	
	30	9,62391,05695	4,54143	9,95771,62729	97617		9,66619,42966	5,51760	10,33380,57034	30	
	40	9,62395,59780	4,54085	9,95770,65100	97629		9,66624,94680	5,51714	10,33375,05320	20	
	50	9,62400,13807	4,54027	9,95769,67458	97642		9,66630,46350	5,51670	10,33369,53650	10	
53	0	9,62404,67777	4,53970	9,95768,69803	97655		9,66635,97974	5,51624	10,33364,02026	0	7
	10	9,62409,21689	4,53912	9,95767,72137	97666		9,66641,49553	5,51579	10,33358,50447	50	
	20	9,62413,75544	4,53855	9,95766,74458	97679		9,66647,01086	5,51533	10,33352,98914	40	
	30	9,62418,29341	4,53797	9,95765,76766	97692		9,66652,52575	5,51489	10,33347,47425	30	
	40	9,62422,83080	4,53739	9,95764,79062	97704		9,66658,04018	5,51443	10,33341,95982	20	
	50	9,62427,36762	4,53682	9,95763,81346	97716		9,66663,55416	5,51398	10,33336,44584	10	
54	0	9,62431,90386	4,53624	9,95762,83617	97729		9,66669,06769	5,51353	10,33330,93231	0	6
	10	9,62436,43952	4,53566	9,95761,85876	97741		9,66674,58076	5,51307	10,33325,41924	50	
	20	9,62440,97461	4,53509	9,95760,88122	97754		9,66680,09339	5,51263	10,33319,90661	40	
	30	9,62445,50912	4,53451	9,95759,90356	97766		9,66685,60556	5,51217	10,33314,39444	30	
	40	9,62450,04306	4,53394	9,95758,92578	97778		9,66691,11728	5,51172	10,33308,88272	20	
	50	9,62454,57642	4,53336	9,95757,94787	97791		9,66696,62855	5,51127	10,33303,37145	10	
55	0	9,62459,10921	4,53279	9,95756,96984	97803		9,66702,13937	5,51082	10,33297,86063	0	5
	10	9,62463,64142	4,53221	9,95755,99168	97816		9,66707,64974	5,51037	10,33292,35026	50	
	20	9,62468,17306	4,53164	9,95755,01340	97828		9,66713,15966	5,50992	10,33286,84034	40	
	30	9,62472,70412	4,53106	9,95754,03500	97840		9,66718,66912	5,50946	10,33281,33088	30	
	40	9,62477,23461	4,53049	9,95753,05647	97853		9,66724,17814	5,50902	10,33275,82186	20	
	50	9,62481,76452	4,52991	9,95752,07782	97865		9,66729,68670	5,50856	10,33270,31330	10	
56	0	9,62486,29386	4,52934	9,95751,09904	97878		9,66735,19482	5,50812	10,33264,80518	0	4
	10	9,62490,82262	4,52876	9,95750,12014	97890		9,66740,70248	5,50766	10,33259,29752	50	
	20	9,62495,35081	4,52819	9,95749,14112	97902		9,66746,20970	5,50722	10,33253,79030	40	
	30	9,62499,87843	4,52762	9,95748,16197	97915		9,66751,71646	5,50676	10,33248,28354	30	
	40	9,62504,40547	4,52704	9,95747,18269	97928		9,66757,22278	5,50632	10,33242,77722	20	
	50	9,62508,93194	4,52647	9,95746,20330	97939		9,66762,72864	5,50586	10,33237,27136	10	
57	0	9,62513,45783	4,52589	9,95745,22378	97952		9,66768,23406	5,50542	10,33231,76594	0	3
	10	9,62517,98315	4,52532	9,95744,24413	97965		9,66773,73902	5,50496	10,33226,26098	50	
	20	9,62522,50790	4,52475	9,95743,26436	97977		9,66779,24354	5,50452	10,33220,75646	40	
	30	9,62527,03207	4,52417	9,95742,28447	97989		9,66784,74761	5,50407	10,33215,25239	30	
	40	9,62531,55567	4,52360	9,95741,30445	98002		9,66790,25123	5,50362	10,33209,74877	20	
	50	9,62536,07870	4,52303	9,95740,32431	98014		9,66795,75439	5,50316	10,33204,24561	10	
58	0	9,62540,60115	4,52245	9,95739,34404	98027		9,66801,25712	5,50273	10,33198,74288	0	2
	10	9,62545,12303	4,52188	9,95738,36365	98039		9,66806,75939	5,50227	10,33193,24061	50	
	20	9,62549,64434	4,52131	9,95737,38313	98052		9,66812,26121	5,50182	10,33187,73879	40	
	30	9,62554,16508	4,52074	9,95736,40249	98064		9,66817,76258	5,50137	10,33182,23742	30	
	40	9,62558,68524	4,52016	9,95735,42173	98076		9,66823,26351	5,50093	10,33176,73649	20	
	50	9,62563,20483	4,51959	9,95734,44084	98089		9,66828,76399	5,50048	10,33171,23601	10	
59	0	9,62567,72385	4,51902	9,95733,45983	98101		9,66834,26402	5,50003	10,33165,73598	0	1
	10	9,62572,24229	4,51844	9,95732,47869	98114		9,66839,76360	5,49958	10,33160,23640	50	
	20	9,62576,76017	4,51788	9,95731,49743	98126		9,66845,26273	5,49913	10,33154,73727	40	
	30	9,62581,27747	4,51730	9,95730,51605	98138		9,66850,76142	5,49869	10,33149,23858	30	
	40	9,62585,79420	4,51673	9,95729,53454	98151		9,66856,25966	5,49824	10,33143,74034	20	
	50	9,62590,31035	4,51615	9,95728,55291	98163		9,66861,75745	5,49779	10,33138,24255	10	
60	0	9,62594,82594	4,51559	9,95727,57115	98176		9,66867,25479	5,49734	10,33132,74521	0	0
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

25		SINVVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
0	0	9,62594,82594		9,95727,57115		9,66867,25479		10,33132,74521	0	60
1	10	9,62599,34095	4,51501	9,95726,58927	98188	9,66872,75169	5,49690	10,33127,24831	50	59
	20	9,62603,85540	4,51445	9,95725,60726	98201	9,66878,24814	5,49645	10,33121,75186	40	
	30	9,62608,36927	4,51387	9,95724,62513	98213	9,66883,74414	5,49600	10,33116,25586	30	
	40	9,62612,88257	4,51330	9,95723,64288	98225	9,66889,23969	5,49555	10,33110,76031	20	
	50	9,62617,39530	4,51273	9,95722,66050	98238	9,66894,73480	5,49511	10,33105,26520	10	
2	0	9,62621,90746	4,51216	9,95721,67799	98251	9,66900,22946	5,49466	10,33099,77054	0	58
	10	9,62626,41905	4,51159	9,95720,69537	98262	9,66905,72368	5,49422	10,33094,27632	50	
	20	9,62630,93006	4,51101	9,95719,71261	98276	9,66911,21745	5,49377	10,33088,78255	40	
	30	9,62635,44051	4,51045	9,95718,72974	98287	9,66916,71077	5,49332	10,33083,28923	30	
	40	9,62639,95039	4,50988	9,95717,74674	98300	9,66922,20365	5,49288	10,33077,79635	20	
3	50	9,62644,45969	4,50930	9,95716,76361	98313	9,66927,69608	5,49243	10,33072,30392	10	57
	0	9,62648,96843	4,50874	9,95715,78036	98325	9,66933,18806	5,49198	10,33066,81194	0	
	10	9,62653,47659	4,50816	9,95714,79699	98337	9,66938,67960	5,49154	10,33061,32040	50	
	20	9,62657,98419	4,50760	9,95713,81349	98350	9,66944,17070	5,49110	10,33055,82930	40	
	30	9,62662,49121	4,50702	9,95712,82987	98362	9,66949,66134	5,49064	10,33050,33866	30	
4	40	9,62666,99767	4,50646	9,95711,84612	98375	9,66955,15155	5,49021	10,33044,84845	20	56
	50	9,62671,50356	4,50589	9,95710,86225	98387	9,66960,64130	5,48975	10,33039,35870	10	
	0	9,62676,00887	4,50531	9,95709,87826	98399	9,66966,13062	5,48932	10,33033,86938	0	
	10	9,62680,51362	4,50475	9,95708,89414	98412	9,66971,61948	5,48886	10,33028,38052	50	
	20	9,62685,01780	4,50418	9,95707,90989	98425	9,66977,10790	5,48842	10,33022,89210	40	
5	30	9,62689,52141	4,50361	9,95706,92552	98437	9,66982,59588	5,48798	10,33017,40412	30	55
	40	9,62694,02445	4,50304	9,95705,94103	98449	9,66988,08341	5,48753	10,33011,91659	20	
	50	9,62698,52692	4,50247	9,95704,95641	98462	9,66993,57050	5,48709	10,33006,42950	10	
	0	9,62703,02882	4,50190	9,95703,97167	98474	9,66999,05715	5,48665	10,33000,94285	0	
	10	9,62707,53015	4,50133	9,95702,98681	98486	9,67004,54335	5,48620	10,32995,45665	50	
6	20	9,62712,03092	4,50077	9,95702,00182	98499	9,67010,02910	5,48575	10,32989,97090	40	54
	30	9,62716,53111	4,50019	9,95701,01670	98512	9,67015,51441	5,48531	10,32984,48559	30	
	40	9,62721,03074	4,49963	9,95700,03146	98524	9,67020,99928	5,48487	10,32979,00072	20	
	50	9,62725,52980	4,49906	9,95699,04610	98536	9,67026,48370	5,48442	10,32973,51630	10	
	0	9,62730,02829	4,49849	9,95698,06061	98549	9,67031,96768	5,48398	10,32968,03232	0	
7	10	9,62734,52622	4,49793	9,95697,07500	98561	9,67037,45122	5,48354	10,32962,54878	50	53
	20	9,62739,02357	4,49735	9,95696,08926	98574	9,67042,93431	5,48309	10,32957,06569	40	
	30	9,62743,52036	4,49679	9,95695,10340	98586	9,67048,41696	5,48265	10,32951,58304	30	
	40	9,62748,01658	4,49622	9,95694,11741	98599	9,67053,89917	5,48221	10,32946,10083	20	
	50	9,62752,51223	4,49565	9,95693,13130	98611	9,67059,38093	5,48176	10,32940,61907	10	
8	0	9,62757,00732	4,49509	9,95692,14507	98623	9,67064,86225	5,48132	10,32935,13775	0	52
	10	9,62761,50184	4,49452	9,95691,15871	98636	9,67070,34313	5,48088	10,32929,65687	50	
	20	9,62765,99579	4,49395	9,95690,17222	98649	9,67075,82356	5,48043	10,32924,17644	40	
	30	9,62770,48917	4,49338	9,95689,18562	98660	9,67081,30356	5,48000	10,32918,69644	30	
	40	9,62774,98199	4,49282	9,95688,19888	98674	9,67086,78311	5,47955	10,32913,21689	20	
9	50	9,62779,47424	4,49225	9,95687,21202	98686	9,67092,26221	5,47910	10,32907,73779	10	51
	0	9,62783,96592	4,49168	9,95686,22504	98698	9,67097,74088	5,47867	10,32902,25912	0	
	10	9,62788,45704	4,49112	9,95685,23794	98710	9,67103,21910	5,47822	10,32896,78090	50	
	20	9,62792,94759	4,49055	9,95684,25071	98723	9,67108,69689	5,47779	10,32891,30311	40	
	30	9,62797,43758	4,48999	9,95683,26335	98736	9,67114,17423	5,47734	10,32885,82577	30	
10	40	9,62801,92699	4,48941	9,95682,27587	98748	9,67119,65112	5,47689	10,32880,34888	20	50
	50	9,62806,41585	4,48886	9,95681,28827	98760	9,67125,12758	5,47646	10,32874,87242	10	
	0	9,62810,90413	4,48828	9,95680,30054	98773	9,67130,60360	5,47602	10,32869,39640	0	
	10	9,62815,39185	4,48772	9,95679,31268	98786	9,67136,07917	5,47557	10,32863,92083	50	
	20	9,62819,87901	4,48716	9,95678,32470	98798	9,67141,55430	5,47513	10,32858,44570	40	
11	30	9,62824,36559	4,48658	9,95677,33660	98810	9,67147,02899	5,47469	10,32852,97101	30	49
	40	9,62828,85162	4,48603	9,95676,34837	98823	9,67152,50324	5,47425	10,32847,49676	20	
	50	9,62833,33708	4,48546	9,95675,36002	98835	9,67157,97705	5,47381	10,32842,02295	10	
	0	9,62837,82197	4,48489	9,95674,37155	98847	9,67163,45042	5,47337	10,32836,54958	0	
	10	9,62842,30630	4,48433	9,95673,38295	98860	9,67168,92335	5,47293	10,32831,07665	50	
12	20	9,62846,79006	4,48376	9,95672,39422	98873	9,67174,39584	5,47249	10,32825,60416	40	48
	30	9,62851,27326	4,48320	9,95671,40537	98885	9,67179,86789	5,47205	10,32820,13211	30	
	40	9,62855,75589	4,48263	9,95670,41639	98898	9,67185,33949	5,47160	10,32814,66051	20	
	50	9,62860,23796	4,48207	9,95669,42730	98909	9,67190,81066	5,47117	10,32809,18934	10	
	0	9,62864,71946	4,48150	9,95668,43807	98923	9,67196,28139	5,47073	10,32803,71861	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

25		SINVM		Sin. Comple.		TANGEN.	Differ.	Tang. compl.		
M	S	Logarithmi.	Differ.	Logarithmi.	Diff.	Logarithmi.	communes.	Logarithmi.		
10	0	9,62864,71946		9,95668,43807		9,67196,28139		10,32803,71861	0	50
	10	9,62869,20040	4,48094	9,95667,44872	98935	9,67201,75167	5,47028	10,32798,24833	50	
	20	9,62873,68077	4,48037	9,95666,45925	98947	9,67207,22152	5,46985	10,32792,77848	40	
	30	9,62878,16058	4,47981	9,95665,46965	98960	9,67212,69093	5,46941	10,32787,30907	30	
	40	9,62882,63983	4,47925	9,95664,47993	98972	9,67218,15990	5,46897	10,32781,84010	20	
	50	9,62887,11851	4,47868	9,95663,49008	98985	9,67223,62843	5,46853	10,32776,37157	10	
11	0	9,62891,59663	4,47812	9,95662,50011	98997	9,67229,09652	5,46809	10,32770,90348	0	49
	10	9,62896,07418	4,47755	9,95661,51001	99010	9,67234,56417	5,46765	10,32765,43583	50	
	20	9,62900,55117	4,47699	9,95660,51979	99022	9,67240,03138	5,46721	10,32759,96862	40	
	30	9,62905,02760	4,47643	9,95659,52945	99034	9,67245,49815	5,46677	10,32754,50185	30	
	40	9,62909,50347	4,47587	9,95658,53898	99047	9,67250,96449	5,46634	10,32749,03551	20	
	50	9,62913,97877	4,47530	9,95657,54838	99060	9,67256,43038	5,46589	10,32743,56962	10	
12	0	9,62918,45350	4,47473	9,95656,55766	99072	9,67261,89584	5,46546	10,32738,10416	0	48
	10	9,62922,92768	4,47418	9,95655,56682	99084	9,67267,36086	5,46502	10,32732,63914	50	
	20	9,62927,40129	4,47361	9,95654,57585	99097	9,67272,82544	5,46458	10,32727,17456	40	
	30	9,62931,87434	4,47305	9,95653,58475	99110	9,67278,28958	5,46414	10,32721,71042	30	
	40	9,62936,34682	4,47248	9,95652,59354	99121	9,67283,75329	5,46371	10,32716,24671	20	
	50	9,62940,81875	4,47193	9,95651,60219	99135	9,67289,21655	5,46326	10,32710,78345	10	
13	0	9,62945,29011	4,47136	9,95650,61073	99146	9,67294,67938	5,46283	10,32705,32062	0	47
	10	9,62949,76090	4,47079	9,95649,61913	99160	9,67300,14177	5,46239	10,32699,85823	50	
	20	9,62954,23114	4,47024	9,95648,62742	99171	9,67305,60373	5,46196	10,32694,39627	40	
	30	9,62958,70081	4,46967	9,95647,63557	99185	9,67311,06524	5,46151	10,32688,93476	30	
	40	9,62963,16993	4,46912	9,95646,64361	99196	9,67316,52632	5,46108	10,32683,47368	20	
	50	9,62967,63848	4,46855	9,95645,65152	99209	9,67321,98696	5,46064	10,32678,01304	10	
14	0	9,62972,10646	4,46798	9,95644,65930	99222	9,67327,44717	5,46021	10,32672,55283	0	46
	10	9,62976,57389	4,46743	9,95643,66696	99234	9,67332,90693	5,45976	10,32667,09307	50	
	20	9,62981,04076	4,46687	9,95642,67449	99247	9,67338,36626	5,45933	10,32661,63374	40	
	30	9,62985,50706	4,46630	9,95641,68190	99259	9,67343,82516	5,45890	10,32656,17484	30	
	40	9,62989,97280	4,46574	9,95640,68919	99271	9,67349,28362	5,45846	10,32650,71638	20	
	50	9,62994,43798	4,46518	9,95639,69635	99284	9,67354,74164	5,45802	10,32645,25836	10	
15	0	9,62998,90260	4,46462	9,95638,70338	99297	9,67360,19922	5,45758	10,32639,80078	0	45
	10	9,63003,36666	4,46406	9,95637,71029	99309	9,67365,65637	5,45715	10,32634,34363	50	
	20	9,63007,83016	4,46350	9,95636,71708	99321	9,67371,11308	5,45671	10,32628,88692	40	
	30	9,63012,29310	4,46294	9,95635,72374	99334	9,67376,56936	5,45628	10,32623,43064	30	
	40	9,63016,75547	4,46237	9,95634,73027	99347	9,67382,02520	5,45584	10,32617,97480	20	
	50	9,63021,21729	4,46182	9,95633,73668	99359	9,67387,48060	5,45540	10,32612,51940	10	
16	0	9,63025,67854	4,46125	9,95632,74297	99371	9,67392,93557	5,45497	10,32607,06443	0	44
	10	9,63030,13924	4,46070	9,95631,74913	99384	9,67398,39011	5,45454	10,32601,60989	50	
	20	9,63034,59937	4,46013	9,95630,75517	99396	9,67403,84420	5,45409	10,32596,15580	40	
	30	9,63039,05895	4,45958	9,95629,76108	99409	9,67409,29787	5,45367	10,32590,70213	30	
	40	9,63043,51796	4,45901	9,95628,76687	99421	9,67414,75110	5,45323	10,32585,24890	20	
	50	9,63047,97642	4,45846	9,95627,77253	99434	9,67420,20389	5,45279	10,32579,79611	10	
17	0	9,63052,43431	4,45789	9,95626,77807	99446	9,67425,65625	5,45236	10,32574,34375	0	43
	10	9,63056,89165	4,45734	9,95625,78348	99459	9,67431,10817	5,45192	10,32568,89183	50	
	20	9,63061,34843	4,45678	9,95624,78877	99471	9,67436,55966	5,45149	10,32563,44034	40	
	30	9,63065,80464	4,45621	9,95623,79393	99484	9,67442,01071	5,45105	10,32557,98929	30	
	40	9,63070,26030	4,45566	9,95622,79897	99496	9,67447,46133	5,45062	10,32552,53867	20	
	50	9,63074,71540	4,45510	9,95621,80388	99509	9,67452,91152	5,45019	10,32547,08848	10	
18	0	9,63079,16994	4,45454	9,95620,80867	99521	9,67458,36127	5,44975	10,32541,63873	0	42
	10	9,63083,62392	4,45398	9,95619,81333	99534	9,67463,81059	5,44932	10,32536,18941	50	
	20	9,63088,07734	4,45342	9,95618,81787	99546	9,67469,25947	5,44888	10,32530,74053	40	
	30	9,63092,53020	4,45286	9,95617,82228	99559	9,67474,70792	5,44845	10,32525,29208	30	
	40	9,63096,98251	4,45231	9,95616,82657	99571	9,67480,15594	5,44802	10,32519,84406	20	
	50	9,63101,43425	4,45174	9,95615,83074	99583	9,67485,60352	5,44758	10,32514,39648	10	
19	0	9,63105,88544	4,45119	9,95614,83478	99596	9,67491,05067	5,44715	10,32508,94933	0	41
	10	9,63110,33607	4,45063	9,95613,83869	99609	9,67496,49738	5,44671	10,32503,50262	50	
	20	9,63114,78614	4,45007	9,95612,84248	99621	9,67501,94366	5,44628	10,32498,05634	40	
	30	9,63119,23566	4,44952	9,95611,84614	99634	9,67507,38951	5,44585	10,32492,61049	30	
	40	9,63123,68461	4,44895	9,95610,84968	99646	9,67512,83493	5,44542	10,32487,16507	20	
	50	9,63128,13301	4,44840	9,95609,85310	99658	9,67518,27991	5,44498	10,32481,72009	10	
20	0	9,63132,58085	4,44784	9,95608,85638	99672	9,67523,72447	5,44456	10,32476,27553	0	40
		Sin. Comple.		SINVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,63132,58085		9,95608,85638		9,67523,72447		10,32476,27553	o	40
	10	9,63137,02813	4,44728	9,95607,85955	99683	9,67529,16858	5,44411	10,32470,83142	50	
	20	9,63141,47486	4,44673	9,95606,86259	99696	9,67534,61227	5,44369	10,32465,38773	40	
	30	9,63145,92103	4,44617	9,95605,86550	99709	9,67540,05552	5,44325	10,32459,94448	30	
	40	9,63150,36664	4,44561	9,95604,86829	99721	9,67545,49834	5,44282	10,32454,50166	20	
	50	9,63154,81169	4,44505	9,95603,87096	99733	9,67550,94073	5,44239	10,32449,05927	10	
21	0	9,63159,25619	4,44450	9,95602,87350	99746	9,67556,38269	5,44196	10,32443,61731	o	39
	10	9,63163,70012	4,44393	9,95601,87591	99759	9,67561,82422	5,44153	10,32438,17578	50	
	20	9,63168,14351	4,44339	9,95600,87820	99771	9,67567,26531	5,44109	10,32432,73469	40	
	30	9,63172,58633	4,44282	9,95599,88036	99784	9,67572,70597	5,44066	10,32427,29403	30	
	40	9,63177,02860	4,44227	9,95598,88240	99796	9,67578,14620	5,44023	10,32421,85380	20	
	50	9,63181,47032	4,44172	9,95597,88432	99808	9,67583,58600	5,43980	10,32416,41400	10	
22	0	9,63185,91147	4,44115	9,95596,88611	99821	9,67589,02537	5,43937	10,32410,97463	o	38
	10	9,63190,35207	4,44060	9,95595,88777	99834	9,67594,46430	5,43893	10,32405,53570	50	
	20	9,63194,79212	4,44005	9,95594,88931	99846	9,67599,90281	5,43851	10,32400,09719	40	
	30	9,63199,23161	4,43949	9,95593,89072	99859	9,67605,34088	5,43807	10,32394,65912	30	
	40	9,63203,67054	4,43893	9,95592,89201	99871	9,67610,77853	5,43765	10,32389,22147	20	
	50	9,63208,10892	4,43838	9,95591,89318	99883	9,67616,21574	5,43721	10,32383,78426	10	
23	0	9,63212,54674	4,43782	9,95590,89422	99896	9,67621,65252	5,43678	10,32378,34748	o	37
	10	9,63216,98401	4,43727	9,95589,89513	99909	9,67627,08888	5,43636	10,32372,91112	50	
	20	9,63221,42072	4,43671	9,95588,89592	99921	9,67632,52480	5,43592	10,32367,47520	40	
	30	9,63225,85687	4,43615	9,95587,89658	99934	9,67637,96029	5,43549	10,32362,03971	30	
	40	9,63230,29247	4,43560	9,95586,89712	99946	9,67643,39535	5,43506	10,32356,60465	20	
	50	9,63234,72752	4,43505	9,95585,89753	99959	9,67648,82998	5,43463	10,32351,17002	10	
24	0	9,63239,16201	4,43449	9,95584,89782	99971	9,67654,26418	5,43420	10,32345,73582	o	36
	10	9,63243,59594	4,43393	9,95583,89799	99983	9,67659,69796	5,43378	10,32340,30204	50	
	20	9,63248,02932	4,43338	9,95582,89803	99996	9,67665,13130	5,43334	10,32334,86870	40	
	30	9,63252,46215	4,43283	9,95581,89794	1,00009	9,67670,56421	5,43291	10,32329,43579	30	
	40	9,63256,89442	4,43227	9,95580,89773	1,00021	9,67675,99669	5,43248	10,32324,00331	20	
	50	9,63261,32614	4,43172	9,95579,89739	1,00034	9,67681,42875	5,43206	10,32318,57125	10	
25	0	9,63265,75730	4,43116	9,95578,89693	1,00046	9,67686,86037	5,43162	10,32313,13963	o	35
	10	9,63270,18791	4,43061	9,95577,89634	1,00059	9,67692,29157	5,43120	10,32307,70843	50	
	20	9,63274,61797	4,43006	9,95576,89563	1,00071	9,67697,72234	5,43077	10,32302,27766	40	
	30	9,63279,04747	4,42950	9,95575,89479	1,00084	9,67703,15268	5,43034	10,32296,84732	30	
	40	9,63283,47641	4,42894	9,95574,89383	1,00096	9,67708,58259	5,42991	10,32291,41741	20	
	50	9,63287,90481	4,42840	9,95573,89274	1,00109	9,67714,01207	5,42948	10,32285,98793	10	
26	0	9,63292,33265	4,42784	9,95572,89153	1,00121	9,67719,44112	5,42905	10,32280,55888	o	34
	10	9,63296,75993	4,42728	9,95571,89019	1,00134	9,67724,86974	5,42862	10,32275,13026	50	
	20	9,63301,18667	4,42674	9,95570,88873	1,00146	9,67730,29794	5,42820	10,32269,70206	40	
	30	9,63305,61285	4,42618	9,95569,88714	1,00159	9,67735,72571	5,42777	10,32264,27429	30	
	40	9,63310,03847	4,42562	9,95568,88542	1,00172	9,67741,15305	5,42734	10,32258,84695	20	
	50	9,63314,46355	4,42508	9,95567,88359	1,00183	9,67746,57996	5,42691	10,32253,42004	10	
27	0	9,63318,88807	4,42452	9,95566,88162	1,00197	9,67752,00645	5,42649	10,32247,99355	o	33
	10	9,63323,31204	4,42397	9,95565,87953	1,00209	9,67757,43250	5,42605	10,32242,56750	50	
	20	9,63327,73545	4,42341	9,95564,87732	1,00221	9,67762,85813	5,42563	10,32237,14187	40	
	30	9,63332,15831	4,42286	9,95563,87498	1,00234	9,67768,28334	5,42521	10,32231,71666	30	
	40	9,63336,58062	4,42231	9,95562,87251	1,00247	9,67773,70811	5,42477	10,32226,29189	20	
	50	9,63341,00238	4,42176	9,95561,86992	1,00259	9,67779,13246	5,42435	10,32220,86754	10	
28	0	9,63345,42359	4,42121	9,95560,86721	1,00271	9,67784,55638	5,42392	10,32215,44362	o	32
	10	9,63349,84424	4,42065	9,95559,86437	1,00284	9,67789,97987	5,42349	10,32210,02013	50	
	20	9,63354,26434	4,42010	9,95558,86140	1,00297	9,67795,40294	5,42307	10,32204,59706	40	
	30	9,63358,68389	4,41955	9,95557,85831	1,00309	9,67800,82558	5,42264	10,32199,17442	30	
	40	9,63363,10289	4,41900	9,95556,85509	1,00322	9,67806,24780	5,42222	10,32193,75220	20	
	50	9,63367,52134	4,41845	9,95555,85175	1,00334	9,67811,66959	5,42179	10,32188,33041	10	
29	0	9,63371,93923	4,41789	9,95554,84829	1,00346	9,67817,09095	5,42136	10,32182,90905	o	31
	10	9,63376,35658	4,41735	9,95553,84469	1,00360	9,67822,51188	5,42093	10,32177,48812	50	
	20	9,63380,77337	4,41679	9,95552,84098	1,00371	9,67827,93239	5,42051	10,32172,06761	40	
	30	9,63385,18961	4,41624	9,95551,83713	1,00385	9,67833,35248	5,42009	10,32166,64752	30	
	40	9,63389,60530	4,41569	9,95550,83317	1,00396	9,67838,77213	5,41965	10,32161,22787	20	
	50	9,63394,02044	4,41514	9,95549,82907	1,00410	9,67844,19136	5,41923	10,32155,80864	10	
30	0	9,63398,43503	4,41459	9,95548,82486	1,00421	9,67849,61017	5,41881	10,32150,38983	o	30
		Sin. Comple.	4,41403	SINVVM	1,00435	Tang. compl.	5,41838	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,63398,43503		9,95548,82486		9,67849,61017		10,32150,38983	0	30
	10	9,63402,84906	4,41403	9,95547,82051	1,00435	9,67855,02855	5,41838	10,32144,97145	50	
	20	9,63407,26255	4,41349	9,95546,81604	1,00447	9,67860,44651	5,41796	10,32139,55349	40	
	30	9,63411,67549	4,41294	9,95545,81145	1,00459	9,67865,86404	5,41753	10,32134,13596	30	
	40	9,63416,08787	4,41238	9,95544,80673	1,00472	9,67871,28114	5,41710	10,32128,71886	20	
	50	9,63420,49971	4,41184	9,95543,80188	1,00485	9,67876,69782	5,41668	10,32123,30218	10	
31	0	9,63424,91099	4,41128	9,95542,79691	1,00497	9,67882,11408	5,41626	10,32117,88592	0	29
	10	9,63429,32173	4,41074	9,95541,79182	1,00509	9,67887,52991	5,41583	10,32112,47009	50	
	20	9,63433,73191	4,41018	9,95540,78660	1,00522	9,67892,94531	5,41540	10,32107,05469	40	
	30	9,63438,14155	4,40964	9,95539,78125	1,00535	9,67898,36030	5,41499	10,32101,63970	30	
	40	9,63442,55063	4,40908	9,95538,77578	1,00547	9,67903,77485	5,41455	10,32096,22515	20	
	50	9,63446,95917	4,40854	9,95537,77018	1,00560	9,67909,18899	5,41414	10,32090,81101	10	
32	0	9,63451,36715	4,40798	9,95536,76446	1,00572	9,67914,60269	5,41370	10,32085,39731	0	28
	10	9,63455,77459	4,40744	9,95535,75861	1,00585	9,67920,01598	5,41329	10,32079,98402	50	
	20	9,63460,18148	4,40689	9,95534,75264	1,00597	9,67925,42884	5,41286	10,32074,57116	40	
	30	9,63464,58782	4,40634	9,95533,74654	1,00610	9,67930,84128	5,41244	10,32069,15872	30	
	40	9,63468,99361	4,40579	9,95532,74032	1,00622	9,67936,25329	5,41201	10,32063,74671	20	
	50	9,63473,39885	4,40524	9,95531,73397	1,00635	9,67941,66488	5,41159	10,32058,33512	10	
33	0	9,63477,80354	4,40469	9,95530,72749	1,00648	9,67947,07605	5,41117	10,32052,92395	0	27
	10	9,63482,20768	4,40414	9,95529,72089	1,00660	9,67952,48679	5,41074	10,32047,51321	50	
	20	9,63486,61127	4,40359	9,95528,71417	1,00672	9,67957,89711	5,41032	10,32042,10289	40	
	30	9,63491,01432	4,40305	9,95527,70731	1,00686	9,67963,30700	5,40989	10,32036,69300	30	
	40	9,63495,41682	4,40250	9,95526,70034	1,00697	9,67968,71648	5,40948	10,32031,28352	20	
	50	9,63499,81876	4,40194	9,95525,69324	1,00710	9,67974,12553	5,40905	10,32025,87447	10	
34	0	9,63504,22016	4,40140	9,95524,68601	1,00723	9,67979,53416	5,40863	10,32020,46584	0	26
	10	9,63508,62102	4,40086	9,95523,67866	1,00735	9,67984,94236	5,40820	10,32015,05764	50	
	20	9,63513,02132	4,40030	9,95522,67118	1,00748	9,67990,35014	5,40778	10,32009,64986	40	
	30	9,63517,42108	4,39976	9,95521,66357	1,00761	9,67995,75750	5,40736	10,32004,24250	30	
	40	9,63521,82029	4,39921	9,95520,65585	1,00772	9,68001,16444	5,40694	10,31998,83556	20	
	50	9,63526,21895	4,39866	9,95519,64799	1,00786	9,68006,57096	5,40652	10,31993,42904	10	
35	0	9,63530,61706	4,39811	9,95518,64001	1,00798	9,68011,97705	5,40609	10,31988,02295	0	25
	10	9,63535,01463	4,39757	9,95517,63191	1,00810	9,68017,38272	5,40567	10,31982,61728	50	
	20	9,63539,41165	4,39702	9,95516,62367	1,00824	9,68022,78797	5,40525	10,31977,21203	40	
	30	9,63543,80812	4,39647	9,95515,61532	1,00835	9,68028,19280	5,40483	10,31971,80720	30	
	40	9,63548,20404	4,39592	9,95514,60684	1,00848	9,68033,59721	5,40441	10,31966,40279	20	
	50	9,63552,59942	4,39538	9,95513,59823	1,00861	9,68039,00119	5,40398	10,31960,99881	10	
36	0	9,63556,99425	4,39483	9,95512,58950	1,00873	9,68044,40475	5,40356	10,31955,59525	0	24
	10	9,63561,38853	4,39428	9,95511,58064	1,00886	9,68049,80790	5,40315	10,31950,19210	50	
	20	9,63565,78227	4,39374	9,95510,57165	1,00899	9,68055,21062	5,40272	10,31944,78938	40	
	30	9,63570,17546	4,39319	9,95509,56254	1,00911	9,68060,61292	5,40230	10,31939,38708	30	
	40	9,63574,56811	4,39265	9,95508,55331	1,00923	9,68066,01480	5,40188	10,31933,98520	20	
	50	9,63578,96020	4,39209	9,95507,54395	1,00936	9,68071,41626	5,40146	10,31928,58374	10	
37	0	9,63583,35176	4,39156	9,95506,53446	1,00949	9,68076,81729	5,40103	10,31923,18271	0	23
	10	9,63587,74276	4,39100	9,95505,52485	1,00961	9,68082,21791	5,40062	10,31917,78209	50	
	20	9,63592,13322	4,39046	9,95504,51511	1,00974	9,68087,61811	5,40020	10,31912,38189	40	
	30	9,63596,52314	4,38992	9,95503,50525	1,00986	9,68093,01788	5,39977	10,31906,98212	30	
	40	9,63600,91250	4,38936	9,95502,49526	1,00999	9,68098,41724	5,39936	10,31901,58276	20	
	50	9,63605,30133	4,38883	9,95501,48515	1,01011	9,68103,81618	5,39894	10,31896,18382	10	
38	0	9,63609,68960	4,38827	9,95500,47491	1,01024	9,68109,21469	5,39851	10,31890,78531	0	22
	10	9,63614,07733	4,38773	9,95499,46454	1,01037	9,68114,61279	5,39810	10,31885,38721	50	
	20	9,63618,46452	4,38719	9,95498,45405	1,01049	9,68120,01047	5,39768	10,31879,98953	40	
	30	9,63622,85116	4,38664	9,95497,44344	1,01061	9,68125,40772	5,39725	10,31874,59228	30	
	40	9,63627,23726	4,38610	9,95496,43270	1,01074	9,68130,80456	5,39684	10,31869,19544	20	
	50	9,63631,62281	4,38555	9,95495,42183	1,01087	9,68136,20098	5,39642	10,31863,79902	10	
39	0	9,63636,00781	4,38500	9,95494,41083	1,01100	9,68141,59698	5,39600	10,31858,40302	0	21
	10	9,63640,39228	4,38447	9,95493,39972	1,01111	9,68146,99256	5,39558	10,31853,00744	50	
	20	9,63644,77619	4,38391	9,95492,38847	1,01125	9,68152,38772	5,39516	10,31847,61228	40	
	30	9,63649,15956	4,38337	9,95491,37710	1,01137	9,68157,78246	5,39474	10,31842,21754	30	
	40	9,63653,54239	4,38283	9,95490,36561	1,01149	9,68163,17679	5,39433	10,31836,82321	20	
	50	9,63657,92467	4,38228	9,95489,35398	1,01163	9,68168,57069	5,39390	10,31831,42931	10	
40	0	9,63662,30641	4,38174	9,95488,34224	1,01174	9,68173,96418	5,39349	10,31826,03582	0	20
			4,38120		1,01187		5,39306			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,63662,30641		9,95488,34224		9,68173,96418		10,31826,03582	0	20
41	10	9,63666,68761	4,38120	9,95487,33037	1,01187	9,68179,35724	5,39306	10,31820,64276	50	19
	20	9,63671,06826	4,38065	9,95486,31837	1,01200	9,68184,74989	5,39265	10,31815,25011	40	
	30	9,63675,44837	4,38011	9,95485,30624	1,01213	9,68190,14212	5,39223	10,31809,85788	30	
	40	9,63679,82793	4,37956	9,95484,29399	1,01225	9,68195,53394	5,39182	10,31804,46606	20	
	50	9,63684,20695	4,37902	9,95483,28162	1,01237	9,68200,92533	5,39139	10,31799,07467	10	
	0	9,63688,58542	4,37847	9,95482,26912	1,01250	9,68206,31631	5,39098	10,31793,68369	0	
	10	9,63692,96336	4,37794	9,95481,25649	1,01263	9,68211,70687	5,39056	10,31788,29313	50	
	20	9,63697,34075	4,37739	9,95480,24374	1,01275	9,68217,09701	5,39014	10,31782,90299	40	
	30	9,63701,71759	4,37684	9,95479,23086	1,01288	9,68222,48673	5,38972	10,31777,51327	30	
	40	9,63706,09390	4,37631	9,95478,21786	1,01300	9,68227,87604	5,38931	10,31772,12396	20	
42	50	9,63710,46966	4,37576	9,95477,20473	1,01313	9,68233,26493	5,38889	10,31766,73507	10	18
	0	9,63714,84487	4,37521	9,95476,19147	1,01326	9,68238,65340	5,38847	10,31761,34660	0	
	10	9,63719,21955	4,37468	9,95475,17809	1,01338	9,68244,04145	5,38805	10,31755,95855	50	
	20	9,63723,59368	4,37413	9,95474,16459	1,01350	9,68249,42909	5,38764	10,31750,57091	40	
	30	9,63727,96727	4,37359	9,95473,15095	1,01364	9,68254,81631	5,38722	10,31745,18369	30	
	40	9,63732,34031	4,37304	9,95472,13720	1,01375	9,68260,20312	5,38681	10,31739,79688	20	
	50	9,63736,71282	4,37251	9,95471,12331	1,01389	9,68265,58950	5,38638	10,31734,41050	10	
	0	9,63741,08478	4,37196	9,95470,10930	1,01401	9,68270,97548	5,38598	10,31729,02452	0	
	10	9,63745,45620	4,37142	9,95469,09517	1,01413	9,68276,36103	5,38555	10,31723,63897	50	
	20	9,63749,82708	4,37088	9,95468,08091	1,01426	9,68281,74617	5,38514	10,31718,25383	40	
44	30	9,63754,19741	4,37033	9,95467,06652	1,01439	9,68287,13089	5,38472	10,31712,86911	30	16
	40	9,63758,56721	4,36980	9,95466,05201	1,01451	9,68292,51520	5,38431	10,31707,48480	20	
	50	9,63762,93646	4,36925	9,95465,03737	1,01464	9,68297,89909	5,38389	10,31702,10091	10	
	0	9,63767,30517	4,36871	9,95464,02261	1,01476	9,68303,28256	5,38347	10,31696,71744	0	
	10	9,63771,67334	4,36817	9,95463,00772	1,01489	9,68308,66562	5,38306	10,31691,33438	50	
	20	9,63776,04096	4,36762	9,95461,99270	1,01502	9,68314,04826	5,38264	10,31685,95174	40	
	30	9,63780,40805	4,36709	9,95460,97756	1,01514	9,68319,43049	5,38223	10,31680,56951	30	
	40	9,63784,77460	4,36655	9,95459,96229	1,01527	9,68324,81231	5,38182	10,31675,18769	20	
	50	9,63789,14060	4,36600	9,95458,94690	1,01539	9,68330,19370	5,38139	10,31669,80630	10	
	0	9,63793,50606	4,36546	9,95457,93138	1,01552	9,68335,57468	5,38098	10,31664,42532	0	
46	10	9,63797,87099	4,36493	9,95456,91573	1,01565	9,68340,95525	5,38057	10,31659,04475	50	14
	20	9,63802,23537	4,36438	9,95455,89996	1,01577	9,68346,33540	5,38015	10,31653,66460	40	
	30	9,63806,59921	4,36384	9,95454,88407	1,01589	9,68351,71514	5,37974	10,31648,28486	30	
	40	9,63810,96251	4,36330	9,95453,86804	1,01603	9,68357,09446	5,37932	10,31642,90554	20	
	50	9,63815,32527	4,36276	9,95452,85190	1,01614	9,68362,47337	5,37891	10,31637,52663	10	
	0	9,63819,68749	4,36222	9,95451,83562	1,01628	9,68367,85187	5,37850	10,31632,14813	0	
	10	9,63824,04917	4,36168	9,95450,81922	1,01640	9,68373,22995	5,37808	10,31626,77005	50	
	20	9,63828,41031	4,36114	9,95449,80270	1,01652	9,68378,60761	5,37766	10,31621,39239	40	
	30	9,63832,77091	4,36060	9,95448,78605	1,01665	9,68383,98486	5,37725	10,31616,01514	30	
	40	9,63837,13097	4,36006	9,95447,76927	1,01678	9,68389,36170	5,37684	10,31610,63830	20	
47	50	9,63841,49049	4,35952	9,95446,75236	1,01691	9,68394,73812	5,37642	10,31605,26188	10	13
	0	9,63845,84947	4,35898	9,95445,73534	1,01702	9,68400,11413	5,37601	10,31599,88587	0	
	10	9,63850,20791	4,35844	9,95444,71818	1,01716	9,68405,48973	5,37560	10,31594,51027	50	
	20	9,63854,56581	4,35790	9,95443,70090	1,01728	9,68410,86491	5,37518	10,31589,13509	40	
	30	9,63858,92317	4,35736	9,95442,68349	1,01741	9,68416,23968	5,37477	10,31583,76032	30	
	40	9,63863,28000	4,35683	9,95441,66596	1,01753	9,68421,61404	5,37436	10,31578,38596	20	
	50	9,63867,63628	4,35628	9,95440,64830	1,01766	9,68426,98798	5,37394	10,31573,01202	10	
	0	9,63871,99202	4,35574	9,95439,63052	1,01778	9,68432,36151	5,37353	10,31567,63849	0	
	10	9,63876,34723	4,35521	9,95438,61261	1,01791	9,68437,73463	5,37312	10,31562,26537	50	
	20	9,63880,70190	4,35467	9,95437,59457	1,01804	9,68443,10733	5,37270	10,31556,89267	40	
48	30	9,63885,05603	4,35413	9,95436,57641	1,01816	9,68448,47962	5,37229	10,31551,52038	30	11
	40	9,63889,40962	4,35359	9,95435,55812	1,01829	9,68453,85150	5,37188	10,31546,14850	20	
	50	9,63893,76267	4,35305	9,95434,53970	1,01842	9,68459,22296	5,37146	10,31540,77704	10	
	0	9,63898,11518	4,35251	9,95433,52116	1,01854	9,68464,59402	5,37106	10,31535,40598	0	
	10	9,63902,46716	4,35198	9,95432,50250	1,01866	9,68469,96466	5,37064	10,31530,03534	50	
	20	9,63906,81859	4,35143	9,95431,48370	1,01880	9,68475,33489	5,37023	10,31524,66511	40	
	30	9,63911,16949	4,35090	9,95430,46479	1,01891	9,68480,70471	5,36982	10,31519,29529	30	
	40	9,63915,51985	4,35036	9,95429,44574	1,01905	9,68486,07411	5,36940	10,31513,92589	20	
	50	9,63919,86968	4,34983	9,95428,42657	1,01917	9,68491,44310	5,36899	10,31508,55690	10	
	0	9,63924,21896	4,34928	9,95427,40727	1,01930	9,68496,81169	5,36859	10,31503,18831	0	
50		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,63924,21896		9,95427,40727		9,68496,81169		10,31503,18831	0	10
	10	9,63928,56771	4,34875	9,95426,38785	1,01942	9,68502,17986	5,36817	10,31497,82014	50	
	20	9,63932,91592	4,34821	9,95425,36830	1,01955	9,68507,54761	5,36775	10,31492,45239	40	
	30	9,63937,26359	4,34767	9,95424,34863	1,01967	9,68512,91496	5,36735	10,31487,08504	30	
	40	9,63941,61073	4,34714	9,95423,32883	1,01980	9,68518,28190	5,36694	10,31481,71810	20	
	50	9,63945,95733	4,34660	9,95422,30890	1,01993	9,68523,64842	5,36652	10,31476,35158	10	
51	0	9,63950,30339	4,34606	9,95421,28885	1,02005	9,68529,01454	5,36612	10,31470,98546	0	9
	10	9,63954,64891	4,34552	9,95420,26867	1,02018	9,68534,38024	5,36570	10,31465,61976	50	
	20	9,63958,99390	4,34499	9,95419,24837	1,02030	9,68539,74553	5,36529	10,31460,25447	40	
	30	9,63963,33835	4,34445	9,95418,22794	1,02043	9,68545,11041	5,36488	10,31454,88959	30	
	40	9,63967,68226	4,34391	9,95417,20738	1,02056	9,68550,47488	5,36447	10,31449,52512	20	
	50	9,63972,02564	4,34338	9,95416,18670	1,02068	9,68555,83894	5,36406	10,31444,16106	10	
52	0	9,63976,36848	4,34284	9,95415,16589	1,02081	9,68561,20259	5,36365	10,31438,79741	0	8
	10	9,63980,71079	4,34231	9,95414,14495	1,02094	9,68566,56583	5,36324	10,31433,43417	50	
	20	9,63985,05256	4,34177	9,95413,12389	1,02106	9,68571,92866	5,36283	10,31428,07134	40	
	30	9,63989,39379	4,34123	9,95412,10271	1,02118	9,68577,29108	5,36242	10,31422,70892	30	
	40	9,63993,73449	4,34070	9,95411,08139	1,02132	9,68582,65309	5,36201	10,31417,34691	20	
	50	9,63998,07465	4,34016	9,95410,05995	1,02144	9,68588,01469	5,36160	10,31411,98531	10	
53	0	9,64002,41427	4,33962	9,95409,03839	1,02156	9,68593,37589	5,36120	10,31406,62411	0	7
	10	9,64006,75336	4,33909	9,95408,01670	1,02169	9,68598,73667	5,36078	10,31401,26333	50	
	20	9,64011,09192	4,33856	9,95406,99488	1,02182	9,68604,09704	5,36037	10,31395,90296	40	
	30	9,64015,42994	4,33802	9,95405,97294	1,02194	9,68609,45700	5,35996	10,31390,54300	30	
	40	9,64019,76742	4,33748	9,95404,95087	1,02207	9,68614,81655	5,35955	10,31385,18345	20	
	50	9,64024,10437	4,33695	9,95403,92867	1,02220	9,68620,17570	5,35915	10,31379,82430	10	
54	0	9,64028,44078	4,33641	9,95402,90635	1,02232	9,68625,53443	5,35873	10,31374,46557	0	6
	10	9,64032,77666	4,33588	9,95401,88390	1,02245	9,68630,89276	5,35833	10,31369,10724	50	
	20	9,64037,11200	4,33534	9,95400,86133	1,02257	9,68636,25068	5,35792	10,31363,74932	40	
	30	9,64041,44681	4,33481	9,95399,83863	1,02270	9,68641,60818	5,35750	10,31358,39182	30	
	40	9,64045,78108	4,33427	9,95398,81580	1,02283	9,68646,96528	5,35710	10,31353,03472	20	
	50	9,64050,11482	4,33374	9,95397,79285	1,02295	9,68652,32198	5,35670	10,31347,67802	10	
55	0	9,64054,44803	4,33321	9,95396,76977	1,02308	9,68657,67826	5,35628	10,31342,32174	0	5
	10	9,64058,78070	4,33267	9,95395,74656	1,02321	9,68663,03413	5,35587	10,31336,96587	50	
	20	9,64063,11283	4,33213	9,95394,72323	1,02333	9,68668,38960	5,35547	10,31331,61040	40	
	30	9,64067,44443	4,33160	9,95393,69977	1,02346	9,68673,74466	5,35506	10,31326,25534	30	
	40	9,64071,77550	4,33107	9,95392,67619	1,02358	9,68679,09931	5,35465	10,31320,90069	20	
	50	9,64076,10603	4,33053	9,95391,65248	1,02371	9,68684,45356	5,35425	10,31315,54644	10	
56	0	9,64080,43603	4,33000	9,95390,62864	1,02384	9,68689,80739	5,35383	10,31310,19261	0	4
	10	9,64084,76550	4,32947	9,95389,60468	1,02396	9,68695,16082	5,35343	10,31304,83918	50	
	20	9,64089,09443	4,32893	9,95388,58059	1,02409	9,68700,51384	5,35302	10,31299,48616	40	
	30	9,64093,42283	4,32840	9,95387,55638	1,02421	9,68705,86645	5,35261	10,31294,13355	30	
	40	9,64097,75070	4,32787	9,95386,53204	1,02434	9,68711,21866	5,35221	10,31288,78134	20	
	50	9,64102,07803	4,32733	9,95385,50757	1,02447	9,68716,57046	5,35180	10,31283,42954	10	
57	0	9,64106,40483	4,32680	9,95384,48297	1,02460	9,68721,92185	5,35139	10,31278,07815	0	3
	10	9,64110,73109	4,32626	9,95383,45825	1,02472	9,68727,27284	5,35099	10,31272,72716	50	
	20	9,64115,05683	4,32574	9,95382,43341	1,02484	9,68732,62342	5,35058	10,31267,37658	40	
	30	9,64119,38203	4,32520	9,95381,40844	1,02497	9,68737,97359	5,35017	10,31262,02641	30	
	40	9,64123,70669	4,32466	9,95380,38334	1,02510	9,68743,32336	5,34977	10,31256,67664	20	
	50	9,64128,03083	4,32414	9,95379,35811	1,02523	9,68748,67272	5,34936	10,31251,32728	10	
58	0	9,64132,35443	4,32360	9,95378,33276	1,02535	9,68754,02167	5,34895	10,31245,97833	0	2
	10	9,64136,67750	4,32307	9,95377,30728	1,02548	9,68759,37022	5,34855	10,31240,62978	50	
	20	9,64141,00004	4,32254	9,95376,28168	1,02560	9,68764,71836	5,34814	10,31235,28164	40	
	30	9,64145,32204	4,32200	9,95375,25595	1,02573	9,68770,06609	5,34773	10,31229,93391	30	
	40	9,64149,64352	4,32148	9,95374,23009	1,02586	9,68775,41342	5,34733	10,31224,58658	20	
	50	9,64153,96446	4,32094	9,95373,20411	1,02598	9,68780,76034	5,34692	10,31219,23966	10	
59	0	9,64158,28486	4,32040	9,95372,17800	1,02611	9,68786,10686	5,34652	10,31213,89314	0	1
	10	9,64162,60474	4,31988	9,95371,15177	1,02623	9,68791,45298	5,34612	10,31208,54702	50	
	20	9,64166,92409	4,31935	9,95370,12540	1,02637	9,68796,79868	5,34570	10,31203,20132	40	
	30	9,64171,24290	4,31881	9,95369,09892	1,02648	9,68802,14398	5,34530	10,31197,85602	30	
	40	9,64175,56118	4,31828	9,95368,07230	1,02662	9,68807,48888	5,34490	10,31192,51112	20	
	50	9,64179,87893	4,31775	9,95367,04556	1,02674	9,68812,83337	5,34449	10,31187,16663	10	
60	0	9,64184,19615	4,31722	9,95366,01869	1,02687	9,68818,17746	5,34409	10,31181,82254	0	0
			4,31669		1,02699		5,34368			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,64184,19615		9,95366,01869		9,68818,17746		10,31181,82254	o	60
	10	9,64188,51284	4,31669	9,95364,99170	1,02699	9,68823,52114	5,34368	10,31176,47886	50	
	20	9,64192,82900	4,31616	9,95363,96458	1,02712	9,68828,86442	5,34328	10,31171,13558	40	
	30	9,64197,14462	4,31562	9,95362,93734	1,02724	9,68834,20729	5,34287	10,31165,79271	30	
	40	9,64201,45972	4,31510	9,95361,90996	1,02738	9,68839,54976	5,34247	10,31160,45024	20	
	50	9,64205,77428	4,31456	9,95360,88246	1,02750	9,68844,89182	5,34206	10,31155,10818	10	
1	0	9,64210,08832	4,31404	9,95359,85484	1,02762	9,68850,23348	5,34166	10,31149,76652	o	59
			4,31350	9,95358,82709	1,02775	9,68855,57473	5,34125	10,31144,42527	50	
	10	9,64214,40182	4,31297	9,95357,79921	1,02788	9,68860,91559	5,34086	10,31139,08441	40	
	20	9,64218,71479	4,31245	9,95356,77120	1,02801	9,68866,25603	5,34044	10,31133,74397	30	
	30	9,64223,02724	4,31191	9,95355,74307	1,02813	9,68871,59608	5,34005	10,31128,40392	20	
	40	9,64227,33915	4,31138	9,95354,71482	1,02825	9,68876,93572	5,33964	10,31123,06428	10	
	50	9,64231,65053	4,31085	9,95353,68643	1,02839	9,68882,27495	5,33923	10,31117,72505	o	58
2	0	9,64235,96138	4,31033	9,95352,65792	1,02851	9,68887,61378	5,33883	10,31112,38622	50	
			4,30979	9,95351,62928	1,02864	9,68892,95221	5,33843	10,31107,04779	40	
	10	9,64240,27171	4,30926	9,95350,60052	1,02876	9,68898,29024	5,33803	10,31101,70976	30	
	20	9,64244,58150	4,30873	9,95349,57163	1,02889	9,68903,62786	5,33762	10,31096,37214	20	
	30	9,64248,89076	4,30821	9,95348,54262	1,02901	9,68908,96508	5,33722	10,31091,03492	10	
	40	9,64253,19949	4,30767	9,95347,51347	1,02915	9,68914,30190	5,33682	10,31085,69810	o	57
	50	9,64257,50770	4,30715	9,95346,48420	1,02927	9,68919,63831	5,33641	10,31080,36169	50	
3	0	9,64261,81537	4,30661	9,95345,45481	1,02939	9,68924,97432	5,33601	10,31075,02568	40	
			4,30609	9,95344,42529	1,02952	9,68930,30993	5,33561	10,31069,69007	30	
	10	9,64266,12252	4,30556	9,95343,39564	1,02965	9,68935,64514	5,33521	10,31064,35486	20	
	20	9,64270,42913	4,30502	9,95342,36586	1,02978	9,68940,97994	5,33480	10,31059,02006	10	
	30	9,64274,73522	4,30450	9,95341,33596	1,02990	9,68946,31434	5,33440	10,31053,68566	o	56
	40	9,64279,04078	4,30398	9,95340,30593	1,03003	9,68951,64834	5,33400	10,31048,35166	50	
	50	9,64283,34580	4,30344	9,95339,27578	1,03015	9,68956,98194	5,33360	10,31043,01806	40	
4	0	9,64287,65030	4,30291	9,95338,24550	1,03028	9,68962,31513	5,33319	10,31037,68487	30	
			4,30239	9,95337,21509	1,03041	9,68967,64793	5,33280	10,31032,35207	20	
	10	9,64291,95428	4,30186	9,95336,18456	1,03053	9,68972,98032	5,33239	10,31027,01968	10	
	20	9,64296,25772	4,30133	9,95335,15390	1,03066	9,68978,31231	5,33199	10,31021,68769	o	55
	30	9,64300,56063	4,30080	9,95334,12311	1,03079	9,68983,64390	5,33159	10,31016,35610	50	
			4,30027	9,95333,09220	1,03091	9,68988,97508	5,33118	10,31011,02492	40	
	10	9,64317,76701	4,29975	9,95332,06116	1,03104	9,68994,30587	5,33079	10,31005,69413	30	
	20	9,64322,06728	4,29921	9,95331,02999	1,03117	9,68999,63626	5,33039	10,31000,36374	20	
	30	9,64326,36703	4,29870	9,95329,99870	1,03129	9,69004,96624	5,32998	10,30995,03376	10	
	40	9,64330,66624	4,29816	9,95328,96728	1,03142	9,69010,29582	5,32958	10,30989,70418	o	54
	50	9,64334,96494	4,29763	9,95327,93573	1,03155	9,69015,62500	5,32918	10,30984,37500	50	
6	0	9,64339,26310	4,29711	9,95326,90406	1,03167	9,69020,95378	5,32878	10,30979,04622	40	
			4,29658	9,95325,87226	1,03180	9,69026,28217	5,32839	10,30973,71783	30	
	10	9,64343,56073	4,29606	9,95324,84033	1,03193	9,69031,61015	5,32798	10,30968,38985	20	
	20	9,64347,85784	4,29552	9,95323,80828	1,03205	9,69036,93772	5,32757	10,30963,06228	10	
	30	9,64352,15442	4,29500	9,95322,77610	1,03218	9,69042,26490	5,32718	10,30957,73510	o	53
	40	9,64356,45048	4,29448	9,95321,74379	1,03231	9,69047,59168	5,32678	10,30952,40832	50	
	50	9,64360,74600	4,29394	9,95320,71136	1,03243	9,69052,91806	5,32638	10,30947,08194	40	
7	0	9,64365,04100	4,29342	9,95319,67880	1,03256	9,69058,24404	5,32598	10,30941,75596	30	
			4,29290	9,95318,64612	1,03268	9,69063,56962	5,32558	10,30936,43038	20	
	10	9,64369,33548	4,29236	9,95317,61330	1,03282	9,69068,89480	5,32518	10,30931,10520	10	
	20	9,64373,62942	4,29184	9,95316,58036	1,03294	9,69074,21958	5,32478	10,30925,78042	o	52
	30	9,64377,92284	4,29132	9,95315,54730	1,03306	9,69079,54396	5,32438	10,30920,45604	50	
	40	9,64382,21574	4,29079	9,95314,51411	1,03319	9,69084,86794	5,32398	10,30915,13206	40	
	50	9,64386,50810	4,29026	9,95313,48079	1,03332	9,69090,19152	5,32358	10,30909,80848	30	
8	0	9,64390,79994	4,28974	9,95312,44734	1,03345	9,69095,51471	5,32319	10,30904,48529	20	
			4,28921	9,95311,41377	1,03357	9,69100,83749	5,32278	10,30899,16251	10	
	10	9,64395,09126	4,28868	9,95310,38007	1,03370	9,69106,15987	5,32238	10,30893,84013	o	51
	20	9,64399,38205	4,28816	9,95309,34624	1,03383	9,69111,48186	5,32199	10,30888,51814	50	
	30	9,64403,67231	4,28764	9,95308,31229	1,03395	9,69116,80345	5,32159	10,30883,19655	40	
	40	9,64407,96205	4,28711	9,95307,27821	1,03408	9,69122,12464	5,32119	10,30877,87536	30	
	50	9,64412,25126	4,28658	9,95306,24401	1,03420	9,69127,44543	5,32079	10,30872,55457	20	
9	0	9,64416,53994	4,28606	9,95305,20967	1,03434	9,69132,76582	5,32039	10,30867,23418	10	
			4,28553	9,95304,17521	1,03446	9,69138,08581	5,31999	10,30861,91419	o	50
	10	9,64420,82810	4,28501		1,03458		5,31960			
	20	9,64425,11574		SINVVM		Tang. compl.		TANGEN.	S	M
	30	9,64429,40285								
	40	9,64433,68943								
	50	9,64437,97549								
10	0	9,64442,26102								

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,64442,26102		9,95304,17521		9,69138,08581		10,30861,91419	0	50
	10	9,64446,54603	4,28501	9,95303,14063	1,03458	9,69143,40541	5,31960	10,30856,59459	50	
	20	9,64450,83052	4,28449	9,95302,10591	1,03472	9,69148,72460	5,31919	10,30851,27540	40	
	30	9,64455,11448	4,28396	9,95301,07107	1,03484	9,69154,04340	5,31880	10,30845,95660	30	
	40	9,64459,39791	4,28343	9,95300,03611	1,03496	9,69159,36180	5,31840	10,30840,63820	20	
11	50	9,64463,68082	4,28291	9,95299,00102	1,03509	9,69164,67981	5,31801	10,30835,32019	10	49
	0	9,64467,96321	4,28239	9,95297,96580	1,03522	9,69169,99741	5,31760	10,30830,00259	0	
			4,28186		1,03535		5,31721			
	10	9,64472,24507	4,28134	9,95296,93045	1,03547	9,69175,31462	5,31681	10,30824,68538	50	
	20	9,64476,52641	4,28081	9,95295,89498	1,03560	9,69180,63143	5,31641	10,30819,36857	40	
	30	9,64480,80722	4,28029	9,95294,85938	1,03573	9,69185,94784	5,31602	10,30814,05216	30	
	40	9,64485,08751	4,27976	9,95293,82365	1,03585	9,69191,26386	5,31562	10,30808,73614	20	
12	50	9,64489,36727	4,27924	9,95292,78780	1,03599	9,69196,57948	5,31522	10,30803,42052	10	48
	0	9,64493,64651	4,27872	9,95291,75181	1,03610	9,69201,89470	5,31483	10,30798,10530	0	
	10	9,64497,92523	4,27820	9,95290,71571	1,03624	9,69207,20953	5,31442	10,30792,79047	50	
	20	9,64502,20343	4,27767	9,95289,67947	1,03636	9,69212,52395	5,31404	10,30787,47605	40	
	30	9,64506,48110	4,27715	9,95288,64311	1,03649	9,69217,83799	5,31363	10,30782,16201	30	
	40	9,64510,75825	4,27662	9,95287,60662	1,03661	9,69223,15162	5,31324	10,30776,84838	20	
13	50	9,64515,03487	4,27610	9,95286,57001	1,03674	9,69228,46486	5,31284	10,30771,53514	10	47
	0	9,64519,31097	4,27558	9,95285,53327	1,03687	9,69233,77770	5,31245	10,30766,22230	0	
	10	9,64523,58655	4,27505	9,95284,49640	1,03699	9,69239,09015	5,31205	10,30760,90985	50	
	20	9,64527,86160	4,27454	9,95283,45941	1,03713	9,69244,40220	5,31165	10,30755,59780	40	
	30	9,64532,13614	4,27401	9,95282,42228	1,03724	9,69249,71385	5,31126	10,30750,28615	30	
	40	9,64536,41015	4,27348	9,95281,38504	1,03738	9,69255,02511	5,31086	10,30744,97489	20	
14	50	9,64540,68363	4,27297	9,95280,34766	1,03750	9,69260,33597	5,31047	10,30739,66403	10	46
	0	9,64544,95660	4,27244	9,95279,31016	1,03763	9,69265,64644	5,31007	10,30734,35356	0	
	10	9,64549,22904	4,27192	9,95278,27253	1,03776	9,69270,95651	5,30968	10,30729,04349	50	
	20	9,64553,50096	4,27140	9,95277,23477	1,03788	9,69276,26619	5,30928	10,30723,73381	40	
	30	9,64557,77236	4,27087	9,95276,19689	1,03801	9,69281,57547	5,30888	10,30718,42453	30	
	40	9,64562,04323	4,27035	9,95275,15888	1,03814	9,69286,88435	5,30849	10,30713,11565	20	
15	50	9,64566,31358	4,26984	9,95274,12074	1,03826	9,69292,19284	5,30810	10,30707,80716	10	45
	0	9,64570,58342	4,26930	9,95273,08248	1,03839	9,69297,50094	5,30770	10,30702,49906	0	
	10	9,64574,85272	4,26879	9,95272,04409	1,03852	9,69302,80864	5,30730	10,30697,19136	50	
	20	9,64579,12151	4,26827	9,95271,00557	1,03864	9,69308,11594	5,30691	10,30691,88406	40	
	30	9,64583,38978	4,26774	9,95269,96693	1,03877	9,69313,42285	5,30652	10,30686,57715	30	
	40	9,64587,65752	4,26723	9,95268,92816	1,03890	9,69318,72937	5,30612	10,30681,27063	20	
16	50	9,64591,92475	4,26670	9,95267,88926	1,03903	9,69324,03549	5,30573	10,30675,96451	10	44
	0	9,64596,19145	4,26618	9,95266,85023	1,03915	9,69329,34122	5,30533	10,30670,65878	0	
	10	9,64600,45763	4,26566	9,95265,81108	1,03928	9,69334,64655	5,30494	10,30665,35345	50	
	20	9,64604,72329	4,26514	9,95264,77180	1,03940	9,69339,95149	5,30454	10,30660,04851	40	
	30	9,64608,98843	4,26461	9,95263,73240	1,03954	9,69345,25603	5,30415	10,30654,74397	30	
	40	9,64613,25304	4,26410	9,95262,69286	1,03966	9,69350,56018	5,30376	10,30649,43982	20	
17	50	9,64617,51714	4,26358	9,95261,65320	1,03978	9,69355,86394	5,30336	10,30644,13606	10	43
	0	9,64621,78072	4,26305	9,95260,61342	1,03992	9,69361,16730	5,30297	10,30638,83270	0	
	10	9,64626,04377	4,26254	9,95259,57350	1,04004	9,69366,47027	5,30258	10,30633,52973	50	
	20	9,64630,30631	4,26201	9,95258,53346	1,04017	9,69371,77285	5,30218	10,30628,22715	40	
	30	9,64634,56832	4,26150	9,95257,49329	1,04029	9,69377,07503	5,30179	10,30622,92497	30	
	40	9,64638,82982	4,26097	9,95256,45300	1,04042	9,69382,37682	5,30139	10,30617,62318	20	
18	50	9,64643,09079	4,26045	9,95255,41258	1,04055	9,69387,67821	5,30101	10,30612,32179	10	42
	0	9,64647,35124	4,25994	9,95254,37203	1,04068	9,69392,97922	5,30061	10,30607,02078	0	
	10	9,64651,61118	4,25941	9,95253,33135	1,04080	9,69398,27983	5,30021	10,30601,72017	50	
	20	9,64655,87059	4,25890	9,95252,29055	1,04093	9,69403,58004	5,29983	10,30596,41996	40	
	30	9,64660,12949	4,25837	9,95251,24962	1,04106	9,69408,87987	5,29943	10,30591,12013	30	
	40	9,64664,38786	4,25786	9,95250,20856	1,04118	9,69414,17930	5,29904	10,30585,82070	20	
19	50	9,64668,64572	4,25733	9,95249,16738	1,04131	9,69419,47834	5,29865	10,30580,52166	10	41
	0	9,64672,90305	4,25682	9,95248,12607	1,04144	9,69424,77699	5,29825	10,30575,22301	0	
	10	9,64677,15987	4,25630	9,95247,08463	1,04157	9,69430,07524	5,29786	10,30569,92476	50	
	20	9,64681,41617	4,25577	9,95246,04306	1,04169	9,69435,37310	5,29747	10,30564,62690	40	
	30	9,64685,67194	4,25526	9,95245,00137	1,04182	9,69440,67057	5,29708	10,30559,32943	30	
	40	9,64689,92720	4,25474	9,95243,95955	1,04194	9,69445,96765	5,29669	10,30554,03235	20	
20	50	9,64694,18194	4,25422	9,95242,91761	1,04208	9,69451,26434	5,29629	10,30548,73566	10	40
	0	9,64698,43616	4,25371	9,95241,87553	1,04220	9,69456,56063	5,29590	10,30543,43937	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,64698,43616		9,95241,87553		9,69456,56063		10,30543,43937	0	40
	10	9,64702,68987	4,25371	9,95240,83333	1,04220	9,69461,85653	5,29590	10,30538,14347	50	
	20	9,64706,94305	4,25318	9,95239,79100	1,04233	9,69467,15205	5,29552	10,30532,84795	40	
	30	9,64711,19572	4,25267	9,95238,74855	1,04245	9,69472,44717	5,29512	10,30527,55283	30	
	40	9,64715,44786	4,25214	9,95237,70597	1,04258	9,69477,74189	5,29472	10,30522,25811	20	
	50	9,64719,69949	4,25163	9,95236,66326	1,04271	9,69483,03623	5,29434	10,30516,96377	10	
21	0	9,64723,95060	4,25111	9,95235,62042	1,04284	9,69488,33018	5,29395	10,30511,66982	0	39
	10	9,64728,20119	4,25059	9,95234,57746	1,04296	9,69493,62373	5,29355	10,30506,37627	50	
	20	9,64732,45127	4,25008	9,95233,53437	1,04309	9,69498,91690	5,29317	10,30501,08310	40	
	30	9,64736,70082	4,24955	9,95232,49115	1,04322	9,69504,20967	5,29277	10,30495,79033	30	
	40	9,64740,94986	4,24904	9,95231,44781	1,04334	9,69509,50205	5,29238	10,30490,49795	20	
	50	9,64745,19838	4,24852	9,95230,40434	1,04347	9,69514,79404	5,29199	10,30485,20596	10	
22	0	9,64749,44638	4,24800	9,95229,36074	1,04360	9,69520,08565	5,29161	10,30479,91435	0	38
	10	9,64753,69387	4,24749	9,95228,31701	1,04373	9,69525,37686	5,29121	10,30474,62314	50	
	20	9,64757,94084	4,24697	9,95227,27316	1,04385	9,69530,66768	5,29082	10,30469,33232	40	
	30	9,64762,18729	4,24645	9,95226,22918	1,04398	9,69535,95811	5,29043	10,30464,04189	30	
	40	9,64766,43322	4,24593	9,95225,18507	1,04411	9,69541,24815	5,29004	10,30458,75185	20	
	50	9,64770,67864	4,24542	9,95224,14084	1,04423	9,69546,53780	5,28965	10,30453,46220	10	
23	0	9,64774,92353	4,24489	9,95223,09647	1,04437	9,69551,82706	5,28926	10,30448,17294	0	37
	10	9,64779,16792	4,24439	9,95222,05199	1,04448	9,69557,11593	5,28887	10,30442,88407	50	
	20	9,64783,41178	4,24386	9,95221,00737	1,04462	9,69562,40441	5,28848	10,30437,59559	40	
	30	9,64787,65513	4,24335	9,95219,96263	1,04474	9,69567,69250	5,28809	10,30432,30750	30	
	40	9,64791,89796	4,24283	9,95218,91775	1,04488	9,69572,98021	5,28771	10,30427,01979	20	
	50	9,64796,14028	4,24232	9,95217,87276	1,04499	9,69578,26752	5,28731	10,30421,73248	10	
24	0	9,64800,38208	4,24180	9,95216,82763	1,04513	9,69583,55444	5,28692	10,30416,44556	0	36
	10	9,64804,62336	4,24128	9,95215,78238	1,04525	9,69588,84098	5,28654	10,30411,15902	50	
	20	9,64808,86412	4,24076	9,95214,73700	1,04538	9,69594,12712	5,28614	10,30405,87288	40	
	30	9,64813,10437	4,24025	9,95213,69149	1,04551	9,69599,41288	5,28576	10,30400,58712	30	
	40	9,64817,34411	4,23974	9,95212,64586	1,04563	9,69604,69825	5,28537	10,30395,30175	20	
	50	9,64821,58333	4,23922	9,95211,60010	1,04576	9,69609,98323	5,28498	10,30390,01677	10	
25	0	9,64825,82203	4,23870	9,95210,55421	1,04589	9,69615,26782	5,28459	10,30384,73218	0	35
	10	9,64830,06022	4,23819	9,95209,50819	1,04602	9,69620,55202	5,28420	10,30379,44798	50	
	20	9,64834,29789	4,23767	9,95208,46205	1,04614	9,69625,83584	5,28382	10,30374,16416	40	
	30	9,64838,53504	4,23715	9,95207,41578	1,04627	9,69631,11926	5,28342	10,30368,88074	30	
	40	9,64842,77168	4,23664	9,95206,36938	1,04640	9,69636,40230	5,28304	10,30363,59770	20	
	50	9,64847,00781	4,23613	9,95205,32286	1,04652	9,69641,68495	5,28265	10,30358,31505	10	
26	0	9,64851,24342	4,23561	9,95204,27620	1,04666	9,69646,96721	5,28226	10,30353,03279	0	34
	10	9,64855,47851	4,23509	9,95203,22942	1,04678	9,69652,24909	5,28188	10,30347,75091	50	
	20	9,64859,71309	4,23458	9,95202,18252	1,04690	9,69657,53057	5,28148	10,30342,46943	40	
	30	9,64863,94716	4,23407	9,95201,13548	1,04704	9,69662,81167	5,28110	10,30337,18833	30	
	40	9,64868,18071	4,23355	9,95200,08832	1,04716	9,69668,09238	5,28071	10,30331,90762	20	
	50	9,64872,41374	4,23303	9,95199,04103	1,04729	9,69673,37271	5,28033	10,30326,62729	10	
27	0	9,64876,64626	4,23252	9,95197,99362	1,04741	9,69678,65264	5,27993	10,30321,34736	0	33
	10	9,64880,87827	4,23201	9,95196,94607	1,04755	9,69683,93219	5,27955	10,30316,06781	50	
	20	9,64885,10976	4,23149	9,95195,89840	1,04767	9,69689,21136	5,27917	10,30310,78864	40	
	30	9,64889,34073	4,23097	9,95194,85060	1,04780	9,69694,49013	5,27877	10,30305,50987	30	
	40	9,64893,57120	4,23047	9,95193,80268	1,04792	9,69699,76852	5,27839	10,30300,23148	20	
	50	9,64897,80115	4,22995	9,95192,75463	1,04805	9,69705,04652	5,27800	10,30294,95348	10	
28	0	9,64902,03058	4,22943	9,95191,70644	1,04819	9,69710,32414	5,27762	10,30289,67586	0	32
	10	9,64906,25950	4,22892	9,95190,65814	1,04830	9,69715,60136	5,27722	10,30284,39864	50	
	20	9,64910,48791	4,22841	9,95189,60970	1,04844	9,69720,87821	5,27685	10,30279,12179	40	
	30	9,64914,71580	4,22789	9,95188,56114	1,04856	9,69726,15466	5,27645	10,30273,84534	30	
	40	9,64918,94318	4,22738	9,95187,51245	1,04869	9,69731,43073	5,27607	10,30268,56927	20	
	50	9,64923,17005	4,22687	9,95186,46363	1,04882	9,69736,70642	5,27569	10,30263,29358	10	
29	0	9,64927,39640	4,22635	9,95185,41469	1,04894	9,69741,98171	5,27529	10,30258,01829	0	31
	10	9,64931,62224	4,22584	9,95184,36562	1,04907	9,69747,25662	5,27491	10,30252,74338	50	
	20	9,64935,84757	4,22533	9,95183,31642	1,04920	9,69752,53115	5,27453	10,30247,46885	40	
	30	9,64940,07238	4,22481	9,95182,26709	1,04933	9,69757,80529	5,27414	10,30242,19471	30	
	40	9,64944,29668	4,22430	9,95181,21763	1,04946	9,69763,07904	5,27375	10,30236,92096	20	
	50	9,64948,52047	4,22379	9,95180,16805	1,04958	9,69768,35241	5,27337	10,30231,64759	10	
30	0	9,64952,74374	4,22327	9,95179,11834	1,04971	9,69773,62540	5,27299	10,30226,37460	0	30
		Sin. Comple.	4,22276	SINVVM	1,04983	Tang. compl.	5,27260	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,64952,74374		9,95179,11834		9,69773,62540		10,30226,37460	0	30
	10	9,64956,96650	4,22276	9,95178,06851	1,04983	9,69778,89800	5,27260	10,30221,10200	50	
	20	9,64961,18875	4,22225	9,95177,01854	1,04997	9,69784,17021	5,27221	10,30215,82979	40	
	30	9,64965,41049	4,22174	9,95175,96845	1,05009	9,69789,44204	5,27183	10,30210,55796	30	
	40	9,64969,63171	4,22122	9,95174,91823	1,05022	9,69794,71348	5,27144	10,30205,28652	20	
	50	9,64973,85242	4,22071	9,95173,86788	1,05035	9,69799,98454	5,27106	10,30200,01546	10	
31	0	9,64978,07262	4,22020	9,95172,81741	1,05047	9,69805,25521	5,27067	10,30194,74479	0	29
	10	9,64982,29231	4,21969	9,95171,76681	1,05060	9,69810,52550	5,27029	10,30189,47450	50	
	20	9,64986,51149	4,21918	9,95170,71608	1,05073	9,69815,79541	5,26991	10,30184,20459	40	
	30	9,64990,73015	4,21866	9,95169,66522	1,05086	9,69821,06493	5,26952	10,30178,93507	30	
	40	9,64994,94830	4,21815	9,95168,61424	1,05098	9,69826,33406	5,26913	10,30173,66594	20	
	50	9,64999,16594	4,21764	9,95167,56313	1,05111	9,69831,60281	5,26875	10,30168,39719	10	
32	0	9,65003,38307	4,21713	9,95166,51189	1,05124	9,69836,87118	5,26837	10,30163,12882	0	28
	10	9,65007,59968	4,21661	9,95165,46052	1,05137	9,69842,13916	5,26798	10,30157,86084	50	
	20	9,65011,81579	4,21611	9,95164,40903	1,05149	9,69847,40676	5,26760	10,30152,59324	40	
	30	9,65016,03138	4,21559	9,95163,35740	1,05163	9,69852,67398	5,26722	10,30147,32602	30	
	40	9,65020,24647	4,21509	9,95162,30566	1,05174	9,69857,94081	5,26683	10,30142,05919	20	
	50	9,65024,46104	4,21457	9,95161,25378	1,05188	9,69863,20726	5,26645	10,30136,79274	10	
33	0	9,65028,67510	4,21406	9,95160,20177	1,05201	9,69868,47333	5,26607	10,30131,52667	0	27
	10	9,65032,88865	4,21355	9,95159,14964	1,05213	9,69873,73901	5,26568	10,30126,26099	50	
	20	9,65037,10169	4,21304	9,95158,09738	1,05226	9,69879,00431	5,26530	10,30120,99569	40	
	30	9,65041,31422	4,21253	9,95157,04500	1,05238	9,69884,26922	5,26491	10,30115,73078	30	
	40	9,65045,52623	4,21201	9,95155,99248	1,05252	9,69889,53375	5,26453	10,30110,46625	20	
	50	9,65049,73774	4,21151	9,95154,93984	1,05264	9,69894,79790	5,26415	10,30105,20210	10	
34	0	9,65053,94874	4,21100	9,95153,88707	1,05277	9,69900,06167	5,26377	10,30099,93833	0	26
	10	9,65058,15922	4,21048	9,95152,83417	1,05290	9,69905,32505	5,26338	10,30094,67495	50	
	20	9,65062,36920	4,20998	9,95151,78115	1,05302	9,69910,58805	5,26300	10,30089,41195	40	
	30	9,65066,57866	4,20946	9,95150,72799	1,05316	9,69915,85067	5,26262	10,30084,14933	30	
	40	9,65070,78762	4,20896	9,95149,67471	1,05328	9,69921,11291	5,26224	10,30078,88709	20	
	50	9,65074,99607	4,20845	9,95148,62130	1,05341	9,69926,37476	5,26185	10,30073,62524	10	
35	0	9,65079,20400	4,20793	9,95147,56777	1,05353	9,69931,63623	5,26147	10,30068,36377	0	25
	10	9,65083,41143	4,20743	9,95146,51411	1,05366	9,69936,89732	5,26109	10,30063,10268	50	
	20	9,65087,61834	4,20691	9,95145,46031	1,05380	9,69942,15803	5,26071	10,30057,84197	40	
	30	9,65091,82475	4,20641	9,95144,40640	1,05391	9,69947,41836	5,26033	10,30052,58164	30	
	40	9,65096,03065	4,20590	9,95143,35235	1,05405	9,69952,67830	5,25994	10,30047,32170	20	
	50	9,65100,23604	4,20539	9,95142,29818	1,05417	9,69957,93786	5,25956	10,30042,06214	10	
36	0	9,65104,44092	4,20488	9,95141,24387	1,05431	9,69963,19704	5,25918	10,30036,80296	0	24
	10	9,65108,64529	4,20437	9,95140,18944	1,05443	9,69968,45584	5,25880	10,30031,54416	50	
	20	9,65112,84915	4,20386	9,95139,13489	1,05455	9,69973,71426	5,25842	10,30026,28574	40	
	30	9,65117,05250	4,20335	9,95138,08020	1,05469	9,69978,97230	5,25804	10,30021,02770	30	
	40	9,65121,25534	4,20284	9,95137,02539	1,05481	9,69984,22995	5,25765	10,30015,77005	20	
	50	9,65125,45768	4,20234	9,95135,97045	1,05494	9,69989,48723	5,25728	10,30010,51277	10	
37	0	9,65129,65950	4,20182	9,95134,91538	1,05507	9,69994,74412	5,25689	10,30005,25588	0	23
	10	9,65133,86082	4,20132	9,95133,86019	1,05519	9,70000,00063	5,25651	10,29999,99937	50	
	20	9,65138,06163	4,20081	9,95132,80486	1,05533	9,70005,25676	5,25613	10,29994,74324	40	
	30	9,65142,26193	4,20030	9,95131,74941	1,05545	9,70010,51251	5,25575	10,29989,48749	30	
	40	9,65146,46172	4,19979	9,95130,69384	1,05557	9,70015,76788	5,25537	10,29984,23212	20	
	50	9,65150,66100	4,19928	9,95129,63813	1,05571	9,70021,02287	5,25499	10,29978,97713	10	
38	0	9,65154,85978	4,19878	9,95128,58229	1,05584	9,70026,27748	5,25461	10,29973,72252	0	22
	10	9,65159,05805	4,19827	9,95127,52633	1,05596	9,70031,53171	5,25423	10,29968,46829	50	
	20	9,65163,25581	4,19776	9,95126,47024	1,05609	9,70036,78556	5,25385	10,29963,21444	40	
	30	9,65167,45306	4,19725	9,95125,41403	1,05621	9,70042,03903	5,25347	10,29957,96097	30	
	40	9,65171,64980	4,19674	9,95124,35768	1,05635	9,70047,29212	5,25309	10,29952,70788	20	
	50	9,65175,84604	4,19624	9,95123,30121	1,05647	9,70052,54483	5,25271	10,29947,45517	10	
39	0	9,65180,04177	4,19573	9,95122,24461	1,05660	9,70057,79716	5,25233	10,29942,20284	0	21
	10	9,65184,23699	4,19522	9,95121,18788	1,05673	9,70063,04911	5,25195	10,29936,95089	50	
	20	9,65188,43171	4,19472	9,95120,13102	1,05686	9,70068,30068	5,25157	10,29931,69932	40	
	30	9,65192,62591	4,19420	9,95119,07404	1,05698	9,70073,55188	5,25120	10,29926,44812	30	
	40	9,65196,81961	4,19370	9,95118,01693	1,05711	9,70078,80269	5,25081	10,29921,19731	20	
	50	9,65201,01281	4,19320	9,95116,95969	1,05724	9,70084,05312	5,25043	10,29915,94688	10	
40	0	9,65205,20549	4,19268	9,95115,90232	1,05737	9,70089,30318	5,25006	10,29910,69682	0	20
		Sin. Comple.	4,19218	SINVVM	1,05750	Tang. compl.	5,24967	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,65205,20549		9,95115,90232		9,70089,30318		10,29910,69682	0	20
	10	9,65209,39767	4,19218	9,95114,84482	1,05750	9,70094,55285	5,24967	10,29905,44715	50	
	20	9,65213,58935	4,19168	9,95113,78720	1,05762	9,70099,80215	5,24930	10,29900,19785	40	
	30	9,65217,78051	4,19116	9,95112,72945	1,05775	9,70105,05106	5,24891	10,29894,94894	30	
	40	9,65221,97117	4,19066	9,95111,67157	1,05788	9,70110,29960	5,24854	10,29889,70040	20	
	50	9,65226,16133	4,19016	9,95110,61356	1,05801	9,70115,54776	5,24816	10,29884,45224	10	
41	0	9,65230,35097	4,18964	9,95109,55543	1,05813	9,70120,79554	5,24778	10,29879,20446	0	19
	10	9,65234,54012	4,18915	9,95108,49717	1,05826	9,70126,04295	5,24741	10,29873,95705	50	
	20	9,65238,72875	4,18863	9,95107,43878	1,05839	9,70131,28997	5,24702	10,29868,71003	40	
	30	9,65242,91688	4,18813	9,95106,38026	1,05852	9,70136,53662	5,24665	10,29863,46338	30	
	40	9,65247,10450	4,18762	9,95105,32161	1,05865	9,70141,78289	5,24627	10,29858,21711	20	
	50	9,65251,29162	4,18712	9,95104,26284	1,05877	9,70147,02878	5,24589	10,29852,97122	10	
42	0	9,65255,47823	4,18661	9,95103,20394	1,05890	9,70152,27429	5,24551	10,29847,72571	0	18
	10	9,65259,66434	4,18611	9,95102,14491	1,05903	9,70157,51943	5,24514	10,29842,48057	50	
	20	9,65263,84994	4,18560	9,95101,08575	1,05916	9,70162,76419	5,24476	10,29837,23581	40	
	30	9,65268,03503	4,18509	9,95100,02646	1,05929	9,70168,00857	5,24438	10,29831,99143	30	
	40	9,65272,21962	4,18459	9,95098,96705	1,05941	9,70173,25257	5,24400	10,29826,74743	20	
	50	9,65276,40371	4,18409	9,95097,90751	1,05954	9,70178,49620	5,24363	10,29821,50380	10	
43	0	9,65280,58729	4,18358	9,95096,84784	1,05967	9,70183,73945	5,24325	10,29816,26055	0	17
	10	9,65284,77036	4,18307	9,95095,78804	1,05980	9,70188,98232	5,24287	10,29811,01768	50	
	20	9,65288,95293	4,18257	9,95094,72812	1,05992	9,70194,22481	5,24249	10,29805,77519	40	
	30	9,65293,13499	4,18206	9,95093,66806	1,06006	9,70199,46693	5,24212	10,29800,53307	30	
	40	9,65297,31655	4,18156	9,95092,60788	1,06018	9,70204,70867	5,24174	10,29795,29133	20	
	50	9,65301,49761	4,18106	9,95091,54757	1,06031	9,70209,95003	5,24136	10,29790,04997	10	
44	0	9,65305,67816	4,18055	9,95090,48714	1,06043	9,70215,19102	5,24099	10,29784,80898	0	16
	10	9,65309,85820	4,18004	9,95089,42657	1,06057	9,70220,43163	5,24061	10,29779,56837	50	
	20	9,65314,03775	4,17955	9,95088,36588	1,06069	9,70225,67187	5,24024	10,29774,32813	40	
	30	9,65318,21678	4,17903	9,95087,30506	1,06082	9,70230,91173	5,23986	10,29769,08827	30	
	40	9,65322,39532	4,17854	9,95086,24411	1,06095	9,70236,15121	5,23948	10,29763,84879	20	
	50	9,65326,57335	4,17803	9,95085,18303	1,06108	9,70241,39031	5,23910	10,29758,60969	10	
45	0	9,65330,75087	4,17752	9,95084,12183	1,06120	9,70246,62904	5,23873	10,29753,37096	0	15
	10	9,65334,92789	4,17702	9,95083,06049	1,06134	9,70251,86740	5,23836	10,29748,13260	50	
	20	9,65339,10441	4,17652	9,95081,99903	1,06146	9,70257,10538	5,23798	10,29742,89462	40	
	30	9,65343,28042	4,17601	9,95080,93744	1,06159	9,70262,34298	5,23760	10,29737,65702	30	
	40	9,65347,45593	4,17551	9,95079,87573	1,06171	9,70267,58021	5,23723	10,29732,41979	20	
	50	9,65351,63094	4,17501	9,95078,81388	1,06185	9,70272,81706	5,23685	10,29727,18294	10	
46	0	9,65355,80545	4,17451	9,95077,75191	1,06197	9,70278,05354	5,23648	10,29721,94646	0	14
	10	9,65359,97945	4,17400	9,95076,68981	1,06210	9,70283,28964	5,23610	10,29716,71036	50	
	20	9,65364,15294	4,17349	9,95075,62758	1,06223	9,70288,52536	5,23572	10,29711,47464	40	
	30	9,65368,32594	4,17300	9,95074,56522	1,06236	9,70293,76071	5,23535	10,29706,23929	30	
	40	9,65372,49843	4,17249	9,95073,50274	1,06248	9,70298,99569	5,23498	10,29701,00431	20	
	50	9,65376,67042	4,17199	9,95072,44012	1,06262	9,70304,23029	5,23460	10,29695,76971	10	
47	0	9,65380,84190	4,17148	9,95071,37738	1,06274	9,70309,46452	5,23423	10,29690,53548	0	13
	10	9,65385,01288	4,17098	9,95070,31451	1,06287	9,70314,69837	5,23385	10,29685,30163	50	
	20	9,65389,18336	4,17048	9,95069,25151	1,06300	9,70319,93185	5,23348	10,29680,06815	40	
	30	9,65393,35334	4,16998	9,95068,18839	1,06312	9,70325,16495	5,23310	10,29674,83505	30	
	40	9,65397,52281	4,16947	9,95067,12513	1,06326	9,70330,39768	5,23273	10,29669,60232	20	
	50	9,65401,69179	4,16898	9,95066,06175	1,06338	9,70335,63004	5,23236	10,29664,36996	10	
48	0	9,65405,86026	4,16847	9,95064,99824	1,06351	9,70340,86202	5,23198	10,29659,13798	0	12
	10	9,65410,02823	4,16797	9,95063,93460	1,06364	9,70346,09362	5,23160	10,29653,90638	50	
	20	9,65414,19569	4,16746	9,95062,87084	1,06376	9,70351,32486	5,23124	10,29648,67514	40	
	30	9,65418,36266	4,16697	9,95061,80694	1,06390	9,70356,55571	5,23085	10,29643,44429	30	
	40	9,65422,52912	4,16646	9,95060,74292	1,06402	9,70361,78620	5,23049	10,29638,21380	20	
	50	9,65426,69508	4,16596	9,95059,67877	1,06415	9,70367,01631	5,23011	10,29632,98369	10	
49	0	9,65430,86054	4,16546	9,95058,61449	1,06428	9,70372,24605	5,22974	10,29627,75395	0	11
	10	9,65435,02550	4,16496	9,95057,55008	1,06441	9,70377,47541	5,22936	10,29622,52459	50	
	20	9,65439,18995	4,16445	9,95056,48555	1,06453	9,70382,70440	5,22899	10,29617,29560	40	
	30	9,65443,35391	4,16396	9,95055,42088	1,06467	9,70387,93302	5,22862	10,29612,06698	30	
	40	9,65447,51736	4,16345	9,95054,35609	1,06479	9,70393,16127	5,22825	10,29606,83873	20	
	50	9,65451,68031	4,16295	9,95053,29117	1,06492	9,70398,38914	5,22787	10,29601,61086	10	
50	0	9,65455,84276	4,16245	9,95052,22612	1,06505	9,70403,61664	5,22750	10,29596,38336	0	10
			4,16195		1,06517		5,22713			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,65455,84276	4,16195	9,95052,22612	1,06517	9,70403,61664	5,22713	10,29596,38336	0	10
	10	9,65460,00471	4,16145	9,95051,16095	1,06531	9,70408,84377	5,22675	10,29591,15623	50	
	20	9,65464,16616	4,16095	9,95050,09564	1,06543	9,70414,07052	5,22638	10,29585,92948	40	
	30	9,65468,32711	4,16045	9,95049,03021	1,06556	9,70419,29690	5,22601	10,29580,70310	30	
	40	9,65472,48756	4,15995	9,95047,96465	1,06569	9,70424,52291	5,22564	10,29575,47709	20	
	50	9,65476,64751	4,15944	9,95046,89896	1,06582	9,70429,74855	5,22526	10,29570,25145	10	
51	0	9,65480,80695	4,15895	9,95045,83314	1,06594	9,70434,97381	5,22489	10,29565,02619	0	9
	10	9,65484,96590	4,15845	9,95044,76720	1,06608	9,70440,19870	5,22452	10,29559,80130	50	
	20	9,65489,12435	4,15794	9,95043,70112	1,06620	9,70445,42322	5,22415	10,29554,57678	40	
	30	9,65493,28229	4,15745	9,95042,63492	1,06633	9,70450,64737	5,22378	10,29549,35263	30	
	40	9,65497,43974	4,15694	9,95041,56859	1,06646	9,70455,87115	5,22340	10,29544,12885	20	
	50	9,65501,59668	4,15645	9,95040,50213	1,06658	9,70461,09455	5,22303	10,29538,90545	10	
52	0	9,65505,75313	4,15594	9,95039,43555	1,06672	9,70466,31758	5,22266	10,29533,68242	0	8
	10	9,65509,90907	4,15545	9,95038,36883	1,06684	9,70471,54024	5,22229	10,29528,45976	50	
	20	9,65514,06452	4,15495	9,95037,30199	1,06697	9,70476,76253	5,22192	10,29523,23747	40	
	30	9,65518,21947	4,15444	9,95036,23502	1,06710	9,70481,98445	5,22155	10,29518,01555	30	
	40	9,65522,37391	4,15395	9,95035,16792	1,06723	9,70487,20600	5,22117	10,29512,79400	20	
	50	9,65526,52786	4,15345	9,95034,10069	1,06736	9,70492,42717	5,22081	10,29507,57283	10	
53	0	9,65530,68131	4,15295	9,95033,03333	1,06748	9,70497,64798	5,22043	10,29502,35202	0	7
	10	9,65534,83426	4,15245	9,95031,96585	1,06762	9,70502,86841	5,22007	10,29497,13159	50	
	20	9,65538,98671	4,15195	9,95030,89823	1,06774	9,70508,08848	5,21969	10,29491,91152	40	
	30	9,65543,13866	4,15145	9,95029,83049	1,06787	9,70513,30817	5,21932	10,29486,69183	30	
	40	9,65547,29011	4,15095	9,95028,76262	1,06800	9,70518,52749	5,21895	10,29481,47251	20	
	50	9,65551,44106	4,15046	9,95027,69462	1,06812	9,70523,74644	5,21858	10,29476,25356	10	
54	0	9,65555,59152	4,14995	9,95026,62650	1,06826	9,70528,96502	5,21821	10,29471,03498	0	6
	10	9,65559,74147	4,14946	9,95025,55824	1,06838	9,70534,18323	5,21784	10,29465,81677	50	
	20	9,65563,89093	4,14896	9,95024,48986	1,06851	9,70539,40107	5,21747	10,29460,59893	40	
	30	9,65568,03989	4,14846	9,95023,42135	1,06864	9,70544,61854	5,21710	10,29455,38146	30	
	40	9,65572,18835	4,14796	9,95022,35271	1,06877	9,70549,83564	5,21673	10,29450,16436	20	
	50	9,65576,33631	4,14746	9,95021,28394	1,06890	9,70555,05237	5,21636	10,29444,94763	10	
55	0	9,65580,48377	4,14697	9,95020,21504	1,06902	9,70560,26873	5,21599	10,29439,73127	0	5
	10	9,65584,63074	4,14647	9,95019,14602	1,06916	9,70565,48472	5,21562	10,29434,51528	50	
	20	9,65588,77721	4,14597	9,95018,07686	1,06928	9,70570,70034	5,21526	10,29429,29966	40	
	30	9,65592,92318	4,14547	9,95017,00758	1,06941	9,70575,91560	5,21488	10,29424,08440	30	
	40	9,65597,06865	4,14497	9,95015,93817	1,06954	9,70581,13048	5,21451	10,29418,86952	20	
	50	9,65601,21362	4,14448	9,95014,86863	1,06967	9,70586,34499	5,21414	10,29413,65501	10	
56	0	9,65605,35810	4,14398	9,95013,79896	1,06979	9,70591,55913	5,21378	10,29408,44087	0	4
	10	9,65609,50208	4,14348	9,95012,72917	1,06993	9,70596,77291	5,21340	10,29403,22709	50	
	20	9,65613,64556	4,14298	9,95011,65924	1,07005	9,70601,98631	5,21304	10,29398,01369	40	
	30	9,65617,78854	4,14249	9,95010,58919	1,07018	9,70607,19935	5,21267	10,29392,80065	30	
	40	9,65621,93103	4,14199	9,95009,51901	1,07031	9,70612,41202	5,21230	10,29387,58798	20	
	50	9,65626,07302	4,14149	9,95008,44870	1,07044	9,70617,62432	5,21193	10,29382,37568	10	
57	0	9,65630,21451	4,14100	9,95007,37826	1,07056	9,70622,83625	5,21156	10,29377,16375	0	3
	10	9,65634,35551	4,14050	9,95006,30770	1,07070	9,70628,04781	5,21119	10,29371,95219	50	
	20	9,65638,49601	4,14000	9,95005,23700	1,07082	9,70633,25900	5,21083	10,29366,74100	40	
	30	9,65642,63601	4,13950	9,95004,16618	1,07095	9,70638,46983	5,21046	10,29361,53017	30	
	40	9,65646,77551	4,13901	9,95003,09523	1,07108	9,70643,68029	5,21008	10,29356,31971	20	
	50	9,65650,91452	4,13851	9,95002,02415	1,07121	9,70648,89037	5,20973	10,29351,10963	10	
58	0	9,65655,05303	4,13802	9,95000,95294	1,07134	9,70654,10010	5,20935	10,29345,89990	0	2
	10	9,65659,19105	4,13752	9,94999,88160	1,07147	9,70659,30945	5,20898	10,29340,69055	50	
	20	9,65663,32857	4,13702	9,94998,81013	1,07159	9,70664,51843	5,20862	10,29335,48157	40	
	30	9,65667,46559	4,13653	9,94997,73854	1,07172	9,70669,72705	5,20825	10,29330,27295	30	
	40	9,65671,60212	4,13603	9,94996,66682	1,07185	9,70674,93530	5,20788	10,29325,06470	20	
	50	9,65675,73815	4,13553	9,94995,59497	1,07198	9,70680,14318	5,20752	10,29319,85682	10	
59	0	9,65679,87368	4,13504	9,94994,52299	1,07211	9,70685,35070	5,20715	10,29314,64930	0	1
	10	9,65684,00872	4,13455	9,94993,45088	1,07224	9,70690,55785	5,20678	10,29309,44215	50	
	20	9,65688,14327	4,13404	9,94992,37864	1,07237	9,70695,76463	5,20641	10,29304,23537	40	
	30	9,65692,27731	4,13356	9,94991,30627	1,07249	9,70700,97104	5,20605	10,29299,02896	30	
	40	9,65696,41087	4,13305	9,94990,23378	1,07262	9,70706,17709	5,20568	10,29293,82291	20	
	50	9,65700,54392	4,13257	9,94989,16116	1,07275	9,70711,38277	5,20531	10,29288,61723	10	
60	0	9,65704,67649	4,13206	9,94988,08841	1,07288	9,70716,58808	5,20494	10,29283,41192	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,65704,67649		9,94988,08841		9,70716,58808		10,29283,41192	o	60
	10	9,65708,80855	4,13206	9,94987,01553	1,07288	9,70721,79302	5,20494	10,29278,20698	50	
	20	9,65712,94012	4,13157	9,94985,94252	1,07301	9,70726,99760	5,20458	10,29273,00240	40	
	30	9,65717,07120	4,13108	9,94984,86938	1,07314	9,70732,20182	5,20422	10,29267,79818	30	
	40	9,65721,20178	4,13058	9,94983,79612	1,07326	9,70737,40566	5,20384	10,29262,59434	20	
	50	9,65725,33187	4,13009	9,94982,72272	1,07340	9,70742,60914	5,20348	10,29257,39086	10	
1	0	9,65729,46146	4,12959	9,94981,64920	1,07352	9,70747,81226	5,20312	10,29252,18774	0	59
	10	9,65733,59055	4,12909	9,94980,57555	1,07365	9,70753,01501	5,20275	10,29246,98499	50	
	20	9,65737,71916	4,12861	9,94979,50177	1,07378	9,70758,21739	5,20238	10,29241,78261	40	
	30	9,65741,84726	4,12810	9,94978,42786	1,07391	9,70763,41940	5,20201	10,29236,58060	30	
	40	9,65745,97488	4,12762	9,94977,35382	1,07404	9,70768,62105	5,20165	10,29231,37895	20	
	50	9,65750,10199	4,12711	9,94976,27966	1,07416	9,70773,82234	5,20129	10,29226,17766	10	
2	0	9,65754,22862	4,12663	9,94975,20536	1,07430	9,70779,02326	5,20092	10,29220,97674	0	58
	10	9,65758,35475	4,12613	9,94974,13094	1,07442	9,70784,22381	5,20055	10,29215,77619	50	
	20	9,65762,48039	4,12564	9,94973,05639	1,07455	9,70789,42400	5,20019	10,29210,57600	40	
	30	9,65766,60553	4,12514	9,94971,98170	1,07469	9,70794,62382	5,19982	10,29205,37618	30	
	40	9,65770,73018	4,12465	9,94970,90690	1,07480	9,70799,82328	5,19946	10,29200,17672	20	
	50	9,65774,85433	4,12415	9,94969,83196	1,07494	9,70805,02237	5,19909	10,29194,97763	10	
3	0	9,65778,97799	4,12366	9,94968,75689	1,07507	9,70810,22110	5,19873	10,29189,77890	0	57
	10	9,65783,10116	4,12317	9,94967,68170	1,07519	9,70815,41946	5,19836	10,29184,58054	50	
	20	9,65787,22383	4,12267	9,94966,60637	1,07533	9,70820,61746	5,19800	10,29179,38254	40	
	30	9,65791,34601	4,12218	9,94965,53092	1,07545	9,70825,81510	5,19764	10,29174,18490	30	
	40	9,65795,46770	4,12169	9,94964,45534	1,07558	9,70831,01236	5,19726	10,29168,98764	20	
	50	9,65799,58890	4,12120	9,94963,37963	1,07571	9,70836,20927	5,19691	10,29163,79073	10	
4	0	9,65803,70960	4,12070	9,94962,30379	1,07584	9,70841,40581	5,19654	10,29158,59419	0	56
	10	9,65807,82980	4,12020	9,94961,22782	1,07597	9,70846,60198	5,19617	10,29153,39802	50	
	20	9,65811,94952	4,11972	9,94960,15172	1,07610	9,70851,79780	5,19582	10,29148,20220	40	
	30	9,65816,06874	4,11922	9,94959,07550	1,07622	9,70856,99324	5,19544	10,29143,00676	30	
	40	9,65820,18747	4,11873	9,94957,99915	1,07635	9,70862,18833	5,19509	10,29137,81167	20	
	50	9,65824,30571	4,11824	9,94956,92266	1,07649	9,70867,38305	5,19472	10,29132,61695	10	
5	0	9,65828,42345	4,11774	9,94955,84605	1,07661	9,70872,57740	5,19435	10,29127,42260	0	55
	10	9,65832,54070	4,11725	9,94954,76931	1,07674	9,70877,77139	5,19399	10,29122,22861	50	
	20	9,65836,65746	4,11676	9,94953,69244	1,07687	9,70882,96502	5,19363	10,29117,03498	40	
	30	9,65840,77373	4,11627	9,94952,61544	1,07700	9,70888,15829	5,19327	10,29111,84171	30	
	40	9,65844,88951	4,11578	9,94951,53832	1,07712	9,70893,35119	5,19290	10,29106,64881	20	
	50	9,65849,00479	4,11528	9,94950,46106	1,07726	9,70898,54373	5,19254	10,29101,45627	10	
6	0	9,65853,11958	4,11479	9,94949,38368	1,07738	9,70903,73590	5,19217	10,29096,26410	0	54
	10	9,65857,23388	4,11430	9,94948,30617	1,07751	9,70908,92771	5,19181	10,29091,07229	50	
	20	9,65861,34769	4,11381	9,94947,22852	1,07765	9,70914,11916	5,19145	10,29085,88084	40	
	30	9,65865,46100	4,11331	9,94946,15075	1,07777	9,70919,31025	5,19109	10,29080,68975	30	
	40	9,65869,57383	4,11283	9,94945,07285	1,07790	9,70924,50097	5,19072	10,29075,49903	20	
	50	9,65873,68616	4,11233	9,94943,99483	1,07802	9,70929,69133	5,19036	10,29070,30867	10	
7	0	9,65877,79800	4,11184	9,94942,91667	1,07816	9,70934,88133	5,19000	10,29065,11867	0	53
	10	9,65881,90935	4,11135	9,94941,83838	1,07829	9,70940,07097	5,18964	10,29059,92903	50	
	20	9,65886,02021	4,11086	9,94940,75997	1,07841	9,70945,26024	5,18927	10,29054,73976	40	
	30	9,65890,13058	4,11037	9,94939,68142	1,07855	9,70950,44915	5,18891	10,29049,55085	30	
	40	9,65894,24045	4,10987	9,94938,60275	1,07867	9,70955,63770	5,18855	10,29044,36230	20	
	50	9,65898,34984	4,10939	9,94937,52395	1,07880	9,70960,82589	5,18819	10,29039,17411	10	
8	0	9,65902,45873	4,10889	9,94936,44502	1,07893	9,70966,01371	5,18782	10,29033,98629	0	52
	10	9,65906,56713	4,10840	9,94935,36596	1,07906	9,70971,20117	5,18746	10,29028,79883	50	
	20	9,65910,67505	4,10792	9,94934,28677	1,07919	9,70976,38828	5,18711	10,29023,61172	40	
	30	9,65914,78247	4,10742	9,94933,20746	1,07931	9,70981,57501	5,18673	10,29018,42499	30	
	40	9,65918,88940	4,10693	9,94932,12801	1,07945	9,70986,76139	5,18638	10,29013,23861	20	
	50	9,65922,99584	4,10644	9,94931,04843	1,07958	9,70991,94741	5,18602	10,29008,05259	10	
9	0	9,65927,10179	4,10595	9,94929,96873	1,07970	9,70997,13306	5,18565	10,29002,86694	0	51
	10	9,65931,20726	4,10547	9,94928,88890	1,07983	9,71002,31836	5,18530	10,28997,68164	50	
	20	9,65935,31223	4,10497	9,94927,80894	1,07996	9,71007,50329	5,18493	10,28992,49671	40	
	30	9,65939,41671	4,10448	9,94926,72885	1,08009	9,71012,68786	5,18457	10,28987,31214	30	
	40	9,65943,52070	4,10399	9,94925,64863	1,08022	9,71017,87207	5,18421	10,28982,12793	20	
	50	9,65947,62420	4,10350	9,94924,56828	1,08035	9,71023,05592	5,18385	10,28976,94408	10	
10	0	9,65951,72721	4,10301	9,94923,48780	1,08048	9,71028,23941	5,18349	10,28971,76059	0	50
			4,10252		1,08060		5,18313			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,65951,72721		9,94923,48780		9,71028,23941		10,28971,76059	0	50
	10	9,65955,82973	4,10252	9,94922,40720	1,08060	9,71033,42254	5,18313	10,28966,57746	50	
	20	9,65959,93176	4,10203	9,94921,32646	1,08074	9,71038,60530	5,18276	10,28961,39470	40	
	30	9,65964,03331	4,10155	9,94920,24560	1,08086	9,71043,78771	5,18241	10,28956,21229	30	
	40	9,65968,13436	4,10105	9,94919,16460	1,08100	9,71048,96976	5,18205	10,28951,03024	20	
	50	9,65972,23492	4,10056	9,94918,08348	1,08112	9,71054,15144	5,18168	10,28945,84856	10	
11	0	9,65976,33500	4,10008	9,94917,00223	1,08125	9,71059,33277	5,18133	10,28940,66723	0	49
	10	9,65980,43458	4,09958	9,94915,92085	1,08138	9,71064,51373	5,18096	10,28935,48627	50	
	20	9,65984,53368	4,09910	9,94914,83934	1,08151	9,71069,69434	5,18061	10,28930,30566	40	
	30	9,65988,63229	4,09861	9,94913,75770	1,08164	9,71074,87459	5,18025	10,28925,12541	30	
	40	9,65992,73041	4,09812	9,94912,67593	1,08177	9,71080,05447	5,17988	10,28919,94553	20	
	50	9,65996,82804	4,09763	9,94911,59404	1,08189	9,71085,23400	5,17953	10,28914,76600	10	
12	0	9,66000,92518	4,09714	9,94910,51201	1,08203	9,71090,41316	5,17916	10,28909,58684	0	48
	10	9,66005,02183	4,09665	9,94909,42986	1,08215	9,71095,59197	5,17881	10,28904,40803	50	
	20	9,66009,11799	4,09616	9,94908,34757	1,08229	9,71100,77042	5,17845	10,28899,22958	40	
	30	9,66013,21367	4,09568	9,94907,26516	1,08241	9,71105,94851	5,17809	10,28894,05149	30	
	40	9,66017,30886	4,09519	9,94906,18262	1,08254	9,71111,12624	5,17773	10,28888,87376	20	
	50	9,66021,40356	4,09470	9,94905,09995	1,08267	9,71116,30361	5,17737	10,28883,69639	10	
13	0	9,66025,49777	4,09421	9,94904,01715	1,08280	9,71121,48062	5,17701	10,28878,51938	0	47
	10	9,66029,59149	4,09372	9,94902,93422	1,08293	9,71126,65727	5,17665	10,28873,34273	50	
	20	9,66033,68473	4,09324	9,94901,85116	1,08306	9,71131,83356	5,17629	10,28868,16644	40	
	30	9,66037,77747	4,09274	9,94900,76798	1,08318	9,71137,00950	5,17594	10,28862,99050	30	
	40	9,66041,86973	4,09226	9,94899,68466	1,08332	9,71142,18507	5,17557	10,28857,81493	20	
	50	9,66045,96151	4,09178	9,94898,60122	1,08344	9,71147,36029	5,17522	10,28852,63971	10	
14	0	9,66050,05279	4,09128	9,94897,51764	1,08358	9,71152,53515	5,17486	10,28847,46485	0	46
	10	9,66054,14359	4,09080	9,94896,43394	1,08370	9,71157,70965	5,17450	10,28842,29035	50	
	20	9,66058,23390	4,09031	9,94895,35011	1,08383	9,71162,88379	5,17414	10,28837,11621	40	
	30	9,66062,32372	4,08982	9,94894,26614	1,08397	9,71168,05758	5,17379	10,28831,94242	30	
	40	9,66066,41306	4,08934	9,94893,18205	1,08409	9,71173,23100	5,17342	10,28826,76900	20	
	50	9,66070,50190	4,08884	9,94892,09783	1,08422	9,71178,40407	5,17307	10,28821,59593	10	
15	0	9,66074,59027	4,08837	9,94891,01349	1,08434	9,71183,57678	5,17271	10,28816,42322	0	45
	10	9,66078,67814	4,08787	9,94889,92901	1,08448	9,71188,74913	5,17235	10,28811,25087	50	
	20	9,66082,76553	4,08739	9,94888,84440	1,08461	9,71193,92113	5,17200	10,28806,07887	40	
	30	9,66086,85243	4,08690	9,94887,75966	1,08474	9,71199,09277	5,17164	10,28800,90723	30	
	40	9,66090,93884	4,08641	9,94886,67480	1,08486	9,71204,26405	5,17128	10,28795,73595	20	
	50	9,66095,02477	4,08593	9,94885,58980	1,08500	9,71209,43497	5,17092	10,28790,56503	10	
16	0	9,66099,11021	4,08544	9,94884,50468	1,08512	9,71214,60553	5,17056	10,28785,39447	0	44
	10	9,66103,19517	4,08496	9,94883,41943	1,08525	9,71219,77574	5,17021	10,28780,22426	50	
	20	9,66107,27964	4,08447	9,94882,33404	1,08539	9,71224,94559	5,16985	10,28775,05441	40	
	30	9,66111,36362	4,08398	9,94881,24853	1,08551	9,71230,11509	5,16950	10,28769,88491	30	
	40	9,66115,44711	4,08349	9,94880,16289	1,08564	9,71235,28422	5,16913	10,28764,71578	20	
	50	9,66119,53013	4,08302	9,94879,07712	1,08577	9,71240,45300	5,16878	10,28759,54700	10	
17	0	9,66123,61265	4,08252	9,94877,99122	1,08590	9,71245,62143	5,16843	10,28754,37857	0	43
	10	9,66127,69469	4,08204	9,94876,90519	1,08603	9,71250,78950	5,16807	10,28749,21050	50	
	20	9,66131,77624	4,08155	9,94875,81903	1,08616	9,71255,95721	5,16771	10,28744,04279	40	
	30	9,66135,85731	4,08107	9,94874,73275	1,08628	9,71261,12456	5,16735	10,28738,87544	30	
	40	9,66139,93789	4,08058	9,94873,64633	1,08642	9,71266,29156	5,16700	10,28733,70844	20	
	50	9,66144,01799	4,08010	9,94872,55979	1,08654	9,71271,45820	5,16664	10,28728,54180	10	
18	0	9,66148,09760	4,07961	9,94871,47311	1,08668	9,71276,62449	5,16629	10,28723,37551	0	42
	10	9,66152,17672	4,07912	9,94870,38631	1,08680	9,71281,79042	5,16593	10,28718,20958	50	
	20	9,66156,25537	4,07865	9,94869,29937	1,08694	9,71286,95599	5,16557	10,28713,04401	40	
	30	9,66160,33352	4,07815	9,94868,21231	1,08706	9,71292,12121	5,16522	10,28707,87879	30	
	40	9,66164,41119	4,07767	9,94867,12512	1,08719	9,71297,28607	5,16486	10,28702,71393	20	
	50	9,66168,48838	4,07719	9,94866,03780	1,08732	9,71302,45058	5,16451	10,28697,54942	10	
19	0	9,66172,56508	4,07670	9,94864,95035	1,08745	9,71307,61473	5,16415	10,28692,38527	0	41
	10	9,66176,64129	4,07621	9,94863,86277	1,08758	9,71312,77853	5,16380	10,28687,22147	50	
	20	9,66180,71703	4,07574	9,94862,77506	1,08771	9,71317,94197	5,16344	10,28682,05803	40	
	30	9,66184,79227	4,07524	9,94861,68722	1,08784	9,71323,10505	5,16308	10,28676,89495	30	
	40	9,66188,86704	4,07477	9,94860,59925	1,08797	9,71328,26778	5,16273	10,28671,73222	20	
	50	9,66192,94131	4,07427	9,94859,51116	1,08809	9,71333,43016	5,16238	10,28666,56984	10	
20	0	9,66197,01511	4,07380	9,94858,42293	1,08823	9,71338,59218	5,16202	10,28661,40782	0	40
		Sin. Comple.	4,07331	SINVVM	1,08836	Tang. compl.	5,16166	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,66197,01511		9,94858,42293		9,71338,59218		10,28661,40782	o	40
	10	9,66201,08842	4,07331	9,94857,33457	1,08836	9,71343,75384	5,16166	10,28656,24616	50	
	20	9,66205,16124	4,07282	9,94856,24609	1,08848	9,71348,91516	5,16132	10,28651,08484	40	
	30	9,66209,23359	4,07235	9,94855,15747	1,08862	9,71354,07611	5,16095	10,28645,92389	30	
	40	9,66213,30544	4,07185	9,94854,06873	1,08874	9,71359,23671	5,16060	10,28640,76329	20	
	50	9,66217,37682	4,07138	9,94852,97986	1,08887	9,71364,39696	5,16025	10,28635,60304	10	
21	0	9,66221,44771	4,07089	9,94851,89085	1,08901	9,71369,55685	5,15989	10,28630,44315	o	39
			4,07040	9,94850,80172	1,08913		5,15954			
	10	9,66225,51811	4,06993	9,94849,71246	1,08926	9,71374,71639	5,15919	10,28625,28361	50	
	20	9,66229,58804	4,06944	9,94848,62307	1,08939	9,71379,87558	5,15883	10,28620,12442	40	
	30	9,66233,65748	4,06895	9,94847,53355	1,08952	9,71385,03441	5,15848	10,28614,96559	30	
	40	9,66237,72643	4,06848	9,94846,44390	1,08965	9,71390,19289	5,15812	10,28609,80711	20	
	50	9,66241,79491	4,06799	9,94845,35412	1,08978	9,71395,35101	5,15777	10,28604,64899	10	
22	0	9,66245,86290	4,06750	9,94844,26421	1,08991	9,71400,50878	5,15741	10,28599,49122	o	38
			4,06703	9,94843,17417	1,09004	9,71405,66619	5,15706	10,28594,33381	50	
	10	9,66249,93040	4,06654	9,94842,08401	1,09016	9,71410,82325	5,15671	10,28589,17675	40	
	20	9,66253,99743	4,06606	9,94840,99371	1,09030	9,71415,97996	5,15636	10,28584,02004	30	
	30	9,66258,06397	4,06557	9,94839,90328	1,09043	9,71421,13632	5,15600	10,28578,86368	20	
	40	9,66262,13003	4,06510	9,94838,81273	1,09055	9,71426,29232	5,15565	10,28573,70768	10	
	50	9,66266,19560	4,06461	9,94837,72204	1,09069	9,71431,44797	5,15529	10,28568,55203	o	37
23	0	9,66270,26070	4,06412	9,94836,63123	1,09081	9,71436,60326	5,15495	10,28563,39674	50	
			4,06365	9,94835,54028	1,09095	9,71441,75821	5,15459	10,28558,24179	40	
	10	9,66274,32531	4,06316	9,94834,44921	1,09107	9,71446,91280	5,15423	10,28553,08720	30	
	20	9,66278,38943	4,06268	9,94833,35801	1,09120	9,71452,06703	5,15389	10,28547,93297	20	
	30	9,66282,45308	4,06220	9,94832,26667	1,09134	9,71457,22092	5,15353	10,28542,77908	10	
	40	9,66286,51624	4,06172	9,94831,17521	1,09146	9,71462,37445	5,15318	10,28537,62555	o	36
	50	9,66290,57892	4,06124	9,94830,08362	1,09159	9,71467,52763	5,15283	10,28532,47237	50	
24	0	9,66294,64112	4,06075	9,94828,99190	1,09172	9,71472,68046	5,15247	10,28527,31954	40	
			4,06027	9,94827,90005	1,09185	9,71477,83293	5,15212	10,28522,16707	30	
	10	9,66298,70284	4,05979	9,94826,80807	1,09198	9,71482,98505	5,15177	10,28517,01495	20	
	20	9,66302,76408	4,05931	9,94825,71596	1,09211	9,71488,13682	5,15142	10,28511,86318	10	
	30	9,66306,82483	4,05883	9,94824,62372	1,09224	9,71493,28824	5,15107	10,28506,71176	o	35
	40	9,66310,88510	4,05834	9,94823,53135	1,09237	9,71498,43931	5,15071	10,28501,56069	50	
	50	9,66314,94489	4,05787	9,94822,43885	1,09250	9,71503,59002	5,15036	10,28496,40998	40	
25	0	9,66319,00420	4,05738	9,94821,34622	1,09263	9,71508,74038	5,15002	10,28491,25962	30	
			4,05690	9,94820,25347	1,09275	9,71513,89040	5,14966	10,28486,10960	20	
	10	9,66323,06303	4,05642	9,94819,16058	1,09289	9,71519,04006	5,14930	10,28480,95994	10	
	20	9,66327,12137	4,05594	9,94818,06756	1,09302	9,71524,18936	5,14896	10,28475,81064	o	34
	30	9,66331,17924	4,05546	9,94816,97441	1,09315	9,71529,33832	5,14861	10,28470,66168	50	
	40	9,66335,23662	4,05498	9,94815,88114	1,09327	9,71534,48693	5,14825	10,28465,51307	40	
	50	9,66339,29352	4,05450	9,94814,78773	1,09341	9,71539,63518	5,14790	10,28460,36482	30	
26	0	9,66343,34994	4,05402	9,94813,69420	1,09353	9,71544,78308	5,14756	10,28455,21692	20	
			4,05353	9,94812,60053	1,09367	9,71549,93064	5,14720	10,28450,06936	10	
	10	9,66347,40588	4,05306	9,94811,50674	1,09379	9,71555,07784	5,14685	10,28444,92216	o	33
	20	9,66351,46134	4,05258	9,94810,41282	1,09392	9,71560,22469	5,14650	10,28439,77531	50	
	30	9,66355,51632	4,05209	9,94809,31876	1,09406	9,71565,37119	5,14615	10,28434,62881	40	
	40	9,66359,57082	4,05162	9,94808,22458	1,09418	9,71570,51734	5,14580	10,28429,48266	30	
	50	9,66363,62484	4,05113	9,94807,13027	1,09431	9,71575,66314	5,14545	10,28424,33686	20	
27	0	9,66367,67837	4,05066	9,94806,03582	1,09445	9,71580,80859	5,14510	10,28419,19141	10	
			4,05018	9,94804,94125	1,09457	9,71585,95369	5,14475	10,28414,04631	o	32
	10	9,66371,73143	4,04969	9,94803,84655	1,09470	9,71591,09844	5,14439	10,28408,90156	50	
	20	9,66375,78401	4,04922	9,94802,75172	1,09483	9,71596,24283	5,14405	10,28403,75717	40	
	30	9,66379,83610	4,04874	9,94801,65676	1,09496	9,71601,38688	5,14370	10,28398,61312	30	
	40	9,66383,88772	4,04825	9,94800,56166	1,09510	9,71606,53058	5,14335	10,28393,46942	20	
	50	9,66387,93885	4,04778	9,94799,46644	1,09522	9,71611,67393	5,14300	10,28388,32607	10	
28	0	9,66391,98951	4,04730	9,94798,37109	1,09535	9,71616,81693	5,14265	10,28383,18307	o	31
			4,04682	9,94797,27561	1,09548	9,71621,95958	5,14230	10,28378,04042	50	
	10	9,66396,03969	4,04634	9,94796,18000	1,09561	9,71627,10188	5,14195	10,28372,89812	40	
	20	9,66400,08938	4,04586	9,94795,08426	1,09574	9,71632,24383	5,14160	10,28367,75617	30	
	30	9,66404,13860	4,04539	9,94793,98839	1,09587	9,71637,38543	5,14125	10,28362,61457	20	
	40	9,66408,18734	4,04490	9,94792,89240	1,09599	9,71642,52668	5,14090	10,28357,47332	10	
	50	9,66412,23559	4,04443		1,09613	9,71647,66758	5,14056	10,28352,33242	o	30
29	0	9,66416,28337								
	10	9,66420,33067								
	20	9,66424,37749								
	30	9,66428,42383								
	40	9,66432,46969								
	50	9,66436,51508								
30	0	9,66440,55998								
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,66440,55998		9,94792,89240		9,71647,66758		10,28352,33242	0	30
	10	9,66444,60441	4,04443	9,94791,79627	1,09613	9,71652,80814	5,14056	10,28347,19186	50	
	20	9,66448,64835	4,04394	9,94790,70001	1,09626	9,71657,94834	5,14020	10,28342,05166	40	
	30	9,66452,69182	4,04347	9,94789,60362	1,09639	9,71663,08820	5,13986	10,28336,91180	30	
	40	9,66456,73481	4,04299	9,94788,50710	1,09652	9,71668,22771	5,13951	10,28331,77229	20	
	50	9,66460,77732	4,04251	9,94787,41045	1,09665	9,71673,36687	5,13916	10,28326,63313	10	
31	0	9,66464,81935	4,04203	9,94786,31368	1,09677	9,71678,50568	5,13881	10,28321,49432	0	29
	10	9,66468,86091	4,04156	9,94785,21677	1,09691	9,71683,64414	5,13846	10,28316,35586	50	
	20	9,66472,90198	4,04107	9,94784,11973	1,09704	9,71688,78225	5,13811	10,28311,21775	40	
	30	9,66476,94258	4,04060	9,94783,02257	1,09716	9,71693,92002	5,13777	10,28306,07998	30	
	40	9,66480,98270	4,04012	9,94781,92527	1,09730	9,71699,05743	5,13741	10,28300,94257	20	
	50	9,66485,02234	4,03964	9,94780,82784	1,09743	9,71704,19450	5,13707	10,28295,80550	10	
32	0	9,66489,06151	4,03917	9,94779,73029	1,09755	9,71709,33122	5,13672	10,28290,66878	0	28
	10	9,66493,10020	4,03869	9,94778,63260	1,09769	9,71714,46760	5,13638	10,28285,53240	50	
	20	9,66497,13840	4,03820	9,94777,53478	1,09782	9,71719,60362	5,13602	10,28280,39638	40	
	30	9,66501,17614	4,03774	9,94776,43684	1,09794	9,71724,73930	5,13568	10,28275,26070	30	
	40	9,66505,21339	4,03725	9,94775,33876	1,09808	9,71729,87463	5,13533	10,28270,12537	20	
	50	9,66509,25017	4,03678	9,94774,24056	1,09820	9,71735,00961	5,13498	10,28264,99039	10	
33	0	9,66513,28647	4,03630	9,94773,14222	1,09834	9,71740,14425	5,13464	10,28259,85575	0	27
	10	9,66517,32229	4,03582	9,94772,04376	1,09846	9,71745,27853	5,13428	10,28254,72147	50	
	20	9,66521,35764	4,03535	9,94770,94516	1,09860	9,71750,41247	5,13394	10,28249,58753	40	
	30	9,66525,39250	4,03486	9,94769,84644	1,09872	9,71755,54607	5,13360	10,28244,45393	30	
	40	9,66529,42690	4,03440	9,94768,74758	1,09886	9,71760,67931	5,13324	10,28239,32069	20	
	50	9,66533,46081	4,03391	9,94767,64860	1,09898	9,71765,81221	5,13290	10,28234,18779	10	
34	0	9,66537,49425	4,03344	9,94766,54948	1,09912	9,71770,94477	5,13256	10,28229,05523	0	26
	10	9,66541,52721	4,03296	9,94765,45024	1,09924	9,71776,07697	5,13220	10,28223,92303	50	
	20	9,66545,55969	4,03248	9,94764,35086	1,09938	9,71781,20883	5,13186	10,28218,79117	40	
	30	9,66549,59170	4,03201	9,94763,25136	1,09950	9,71786,34034	5,13151	10,28213,65966	30	
	40	9,66553,62324	4,03154	9,94762,15173	1,09963	9,71791,47151	5,13117	10,28208,52849	20	
	50	9,66557,65429	4,03105	9,94761,05196	1,09977	9,71796,60233	5,13082	10,28203,39767	10	
35	0	9,66561,68487	4,03058	9,94759,95207	1,09989	9,71801,73280	5,13047	10,28198,26720	0	25
	10	9,66565,71497	4,03010	9,94758,85204	1,10003	9,71806,86293	5,13013	10,28193,13707	50	
	20	9,66569,74460	4,02963	9,94757,75189	1,10015	9,71811,99271	5,12978	10,28188,00729	40	
	30	9,66573,77375	4,02915	9,94756,65161	1,10028	9,71817,12215	5,12944	10,28182,87785	30	
	40	9,66577,80243	4,02868	9,94755,55119	1,10042	9,71822,25124	5,12909	10,28177,74876	20	
	50	9,66581,83063	4,02820	9,94754,45065	1,10054	9,71827,37998	5,12874	10,28172,62002	10	
36	0	9,66585,85835	4,02772	9,94753,34997	1,10068	9,71832,50838	5,12840	10,28167,49162	0	24
	10	9,66589,88560	4,02725	9,94752,24917	1,10080	9,71837,63643	5,12805	10,28162,36357	50	
	20	9,66593,91238	4,02678	9,94751,14824	1,10093	9,71842,76414	5,12771	10,28157,23586	40	
	30	9,66597,93867	4,02629	9,94750,04717	1,10107	9,71847,89150	5,12736	10,28152,10850	30	
	40	9,66601,96450	4,02583	9,94748,94598	1,10119	9,71853,01852	5,12702	10,28146,98148	20	
	50	9,66605,98984	4,02534	9,94747,84466	1,10132	9,71858,14519	5,12667	10,28141,85481	10	
37	0	9,66610,01472	4,02488	9,94746,74320	1,10146	9,71863,27151	5,12632	10,28136,72849	0	23
	10	9,66614,03911	4,02439	9,94745,64162	1,10158	9,71868,39749	5,12598	10,28131,60251	50	
	20	9,66618,06303	4,02392	9,94744,53990	1,10172	9,71873,52313	5,12564	10,28126,47687	40	
	30	9,66622,08648	4,02345	9,94743,43806	1,10184	9,71878,64842	5,12529	10,28121,35158	30	
	40	9,66626,10945	4,02297	9,94742,33609	1,10197	9,71883,77337	5,12495	10,28116,22663	20	
	50	9,66630,13195	4,02250	9,94741,23398	1,10211	9,71888,89797	5,12460	10,28111,10203	10	
38	0	9,66634,15398	4,02203	9,94740,13175	1,10223	9,71894,02223	5,12426	10,28105,97777	0	22
	10	9,66638,17552	4,02154	9,94739,02938	1,10237	9,71899,14614	5,12391	10,28100,85386	50	
	20	9,66642,19660	4,02108	9,94737,92689	1,10249	9,71904,26971	5,12357	10,28095,73029	40	
	30	9,66646,21720	4,02060	9,94736,82427	1,10262	9,71909,39293	5,12322	10,28090,60707	30	
	40	9,66650,23732	4,02012	9,94735,72151	1,10276	9,71914,51581	5,12288	10,28085,48419	20	
	50	9,66654,25698	4,01966	9,94734,61863	1,10288	9,71919,63835	5,12254	10,28080,36165	10	
39	0	9,66658,27615	4,01917	9,94733,51561	1,10302	9,71924,76054	5,12219	10,28075,23946	0	21
	10	9,66662,29486	4,01871	9,94732,41247	1,10314	9,71929,88239	5,12185	10,28070,11761	50	
	20	9,66666,31309	4,01823	9,94731,30919	1,10328	9,71935,00389	5,12150	10,28064,99611	40	
	30	9,66670,33084	4,01775	9,94730,20579	1,10340	9,71940,12505	5,12116	10,28059,87495	30	
	40	9,66674,34812	4,01728	9,94729,10226	1,10353	9,71945,24587	5,12082	10,28054,75413	20	
	50	9,66678,36493	4,01681	9,94727,99859	1,10367	9,71950,36634	5,12047	10,28049,63366	10	
40	0	9,66682,38127	4,01634	9,94726,89480	1,10379	9,71955,48647	5,12013	10,28044,51353	0	20
		Sin. Comple.	4,01586	SINVVM	1,10393	Tang. compl.	5,11979	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,66682,38127	4,01586	9,94726,89480	1,10393	9,71955,48647	5,11979	10,28044,51353	0	20
	10	9,66686,39713	4,01539	9,94725,79087	1,10406	9,71960,60626	5,11944	10,28039,39374	50	
	20	9,66690,41252	4,01491	9,94724,68681	1,10418	9,71965,72570	5,11910	10,28034,27430	40	
	30	9,66694,42743	4,01444	9,94723,58263	1,10432	9,71970,84480	5,11876	10,28029,15520	30	
	40	9,66698,44187	4,01397	9,94722,47831	1,10444	9,71975,96356	5,11841	10,28024,03644	20	
	50	9,66702,45584	4,01350	9,94721,37387	1,10458	9,71981,08197	5,11808	10,28018,91803	10	
41	0	9,66706,46934	4,01302	9,94720,26929	1,10470	9,71986,20005	5,11772	10,28013,79995	0	19
	10	9,66710,48236	4,01255	9,94719,16459	1,10484	9,71991,31777	5,11739	10,28008,68223	50	
	20	9,66714,49491	4,01208	9,94718,05975	1,10497	9,71996,43516	5,11704	10,28003,56484	40	
	30	9,66718,50699	4,01160	9,94716,95478	1,10509	9,72001,55220	5,11670	10,27998,44780	30	
	40	9,66722,51859	4,01113	9,94715,84969	1,10523	9,72006,66890	5,11636	10,27993,33110	20	
	50	9,66726,52972	4,01066	9,94714,74446	1,10536	9,72011,78526	5,11602	10,27988,21474	10	
42	0	9,66730,54038	4,01019	9,94713,63910	1,10549	9,72016,90128	5,11567	10,27983,09872	0	18
	10	9,66734,55057	4,00971	9,94712,53361	1,10561	9,72022,01695	5,11533	10,27977,98305	50	
	20	9,66738,56028	4,00924	9,94711,42800	1,10575	9,72027,13228	5,11499	10,27972,86772	40	
	30	9,66742,56952	4,00877	9,94710,32225	1,10588	9,72032,24727	5,11465	10,27967,75273	30	
	40	9,66746,57829	4,00830	9,94709,21637	1,10601	9,72037,36192	5,11431	10,27962,63808	20	
	50	9,66750,58659	4,00783	9,94708,11036	1,10614	9,72042,47623	5,11396	10,27957,52377	10	
43	0	9,66754,59442	4,00735	9,94707,00422	1,10626	9,72047,59019	5,11363	10,27952,40981	0	17
	10	9,66758,60177	4,00688	9,94705,89796	1,10640	9,72052,70382	5,11328	10,27947,29618	50	
	20	9,66762,60865	4,00641	9,94704,79156	1,10653	9,72057,81710	5,11294	10,27942,18290	40	
	30	9,66766,61506	4,00594	9,94703,68503	1,10666	9,72062,93004	5,11259	10,27937,06996	30	
	40	9,66770,62100	4,00547	9,94702,57837	1,10679	9,72068,04263	5,11226	10,27931,95737	20	
	50	9,66774,62647	4,00500	9,94701,47158	1,10692	9,72073,15489	5,11192	10,27926,84511	10	
44	0	9,66778,63147	4,00452	9,94700,36466	1,10705	9,72078,26681	5,11157	10,27921,73319	0	16
	10	9,66782,63599	4,00405	9,94699,25761	1,10718	9,72083,37838	5,11124	10,27916,62162	50	
	20	9,66786,64004	4,00359	9,94698,15043	1,10731	9,72088,48962	5,11089	10,27911,51038	40	
	30	9,66790,64363	4,00311	9,94697,04312	1,10745	9,72093,60051	5,11055	10,27906,39949	30	
	40	9,66794,64674	4,00264	9,94695,93567	1,10757	9,72098,71106	5,11021	10,27901,28894	20	
	50	9,66798,64938	4,00217	9,94694,82810	1,10770	9,72103,82127	5,10987	10,27896,17873	10	
45	0	9,66802,65155	4,00169	9,94693,72040	1,10783	9,72108,93114	5,10953	10,27891,06886	0	15
	10	9,66806,65324	4,00123	9,94692,61257	1,10796	9,72114,04067	5,10919	10,27885,95933	50	
	20	9,66810,65447	4,00076	9,94691,50461	1,10810	9,72119,14986	5,10885	10,27880,85014	40	
	30	9,66814,65523	4,00028	9,94690,39651	1,10822	9,72124,25871	5,10851	10,27875,74129	30	
	40	9,66818,65551	3,99982	9,94689,28829	1,10835	9,72129,36722	5,10817	10,27870,63278	20	
	50	9,66822,65533	3,99934	9,94688,17994	1,10849	9,72134,47539	5,10783	10,27865,52461	10	
46	0	9,66826,65467	3,99888	9,94687,07145	1,10861	9,72139,58322	5,10749	10,27860,41678	0	14
	10	9,66830,65355	3,99840	9,94685,96284	1,10875	9,72144,69071	5,10715	10,27855,30929	50	
	20	9,66834,65195	3,99794	9,94684,85409	1,10887	9,72149,79786	5,10681	10,27850,20214	40	
	30	9,66838,64989	3,99746	9,94683,74522	1,10901	9,72154,90467	5,10647	10,27845,09533	30	
	40	9,66842,64735	3,99700	9,94682,63621	1,10913	9,72160,01114	5,10613	10,27839,98886	20	
	50	9,66846,64435	3,99652	9,94681,52708	1,10927	9,72165,11727	5,10579	10,27834,88273	10	
47	0	9,66850,64087	3,99606	9,94680,41781	1,10940	9,72170,22306	5,10545	10,27829,77694	0	13
	10	9,66854,63693	3,99558	9,94679,30841	1,10953	9,72175,32851	5,10512	10,27824,67149	50	
	20	9,66858,63251	3,99512	9,94678,19888	1,10965	9,72180,43363	5,10477	10,27819,56637	40	
	30	9,66862,62763	3,99464	9,94677,08923	1,10979	9,72185,53840	5,10443	10,27814,46160	30	
	40	9,66866,62227	3,99418	9,94675,97944	1,10992	9,72190,64283	5,10410	10,27809,35717	20	
	50	9,66870,61645	3,99370	9,94674,86952	1,11005	9,72195,74693	5,10375	10,27804,25307	10	
48	0	9,66874,61015	3,99324	9,94673,75947	1,11018	9,72200,85068	5,10342	10,27799,14932	0	12
	10	9,66878,60339	3,99277	9,94672,64929	1,11031	9,72205,95410	5,10308	10,27794,04590	50	
	20	9,66882,59616	3,99230	9,94671,53898	1,11044	9,72211,05718	5,10274	10,27788,94282	40	
	30	9,66886,58846	3,99183	9,94670,42854	1,11057	9,72216,15992	5,10240	10,27783,84008	30	
	40	9,66890,58029	3,99136	9,94669,31797	1,11070	9,72221,26232	5,10206	10,27778,73768	20	
	50	9,66894,57165	3,99089	9,94668,20727	1,11083	9,72226,36438	5,10173	10,27773,63562	10	
49	0	9,66898,56254	3,99043	9,94667,09644	1,11097	9,72231,46611	5,10138	10,27768,53389	0	11
	10	9,66902,55297	3,98995	9,94666,98547	1,11109	9,72236,56749	5,10105	10,27763,43251	50	
	20	9,66906,54292	3,98949	9,94664,87438	1,11122	9,72241,66854	5,10071	10,27758,33146	40	
	30	9,66910,53241	3,98902	9,94663,76316	1,11136	9,72246,76925	5,10037	10,27753,23075	30	
	40	9,66914,52143	3,98855	9,94662,65180	1,11148	9,72251,86962	5,10004	10,27748,13038	20	
	50	9,66918,50998	3,98808	9,94661,54032	1,11161	9,72256,96966	5,09969	10,27743,03034	10	
50	0	9,66922,49806	3,98761	9,94660,42871	1,11175	9,72262,06935	5,09936	10,27737,93065	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,66922,49806		9,94660,42871		9,72262,06935		10,27737,93065	0	10
	10	9,66926,48567	3,98761	9,94659,31696	1,11175	9,72267,16871	5,09936	10,27732,83129	50	
	20	9,66930,47282	3,98715	9,94658,20508	1,11188	9,72272,26773	5,09902	10,27727,73227	40	
	30	9,66934,45949	3,98667	9,94657,09308	1,11200	9,72277,36641	5,09868	10,27722,63359	30	
	40	9,66938,44570	3,98621	9,94655,98094	1,11214	9,72282,46476	5,09835	10,27717,53524	20	
	50	9,66942,43144	3,98574	9,94654,86867	1,11227	9,72287,56277	5,09801	10,27712,43723	10	
51	0	9,66946,41671	3,98527	9,94653,75627	1,11240	9,72292,66044	5,09767	10,27707,33956	0	9
			3,98481		1,11252		5,09733			
	10	9,66950,40152	3,98434	9,94652,64375	1,11266	9,72297,75777	5,09700	10,27702,24223	50	
	20	9,66954,38586	3,98387	9,94651,53109	1,11279	9,72302,85477	5,09666	10,27697,14523	40	
	30	9,66958,36973	3,98340	9,94650,41830	1,11292	9,72307,95143	5,09632	10,27692,04857	30	
	40	9,66962,35313	3,98293	9,94649,30538	1,11306	9,72313,04775	5,09599	10,27686,95225	20	
	50	9,66966,33606	3,98247	9,94648,19232	1,11318	9,72318,14374	5,09565	10,27681,85626	10	
52	0	9,66970,31853	3,98200	9,94647,07914	1,11331	9,72323,23939	5,09531	10,27676,76061	0	8
	10	9,66974,30053	3,98154	9,94645,96583	1,11344	9,72328,33470	5,09498	10,27671,66530	50	
	20	9,66978,28207	3,98106	9,94644,85239	1,11358	9,72333,42968	5,09464	10,27666,57032	40	
	30	9,66982,26313	3,98060	9,94643,73881	1,11370	9,72338,52432	5,09430	10,27661,47568	30	
	40	9,66986,24373	3,98013	9,94642,62511	1,11384	9,72343,61862	5,09397	10,27656,38138	20	
	50	9,66990,22386	3,97967	9,94641,51127	1,11396	9,72348,71259	5,09363	10,27651,28741	10	
53	0	9,66994,20353	3,97920	9,94640,39731	1,11410	9,72353,80622	5,09330	10,27646,19378	0	7
	10	9,66998,18273	3,97873	9,94639,28321	1,11422	9,72358,89952	5,09296	10,27641,10048	50	
	20	9,67002,16146	3,97827	9,94638,16899	1,11436	9,72363,99248	5,09262	10,27636,00752	40	
	30	9,67006,13973	3,97780	9,94637,05463	1,11449	9,72369,08510	5,09229	10,27630,91490	30	
	40	9,67010,11753	3,97733	9,94635,94014	1,11462	9,72374,17739	5,09195	10,27625,82261	20	
	50	9,67014,09486	3,97687	9,94634,82552	1,11475	9,72379,26934	5,09161	10,27620,73066	10	
54	0	9,67018,07173	3,97640	9,94633,71077	1,11488	9,72384,36095	5,09128	10,27615,63905	0	6
	10	9,67022,04813	3,97593	9,94632,59589	1,11501	9,72389,45223	5,09095	10,27610,54777	50	
	20	9,67026,02406	3,97547	9,94631,48088	1,11514	9,72394,54318	5,09061	10,27605,45682	40	
	30	9,67029,99953	3,97500	9,94630,36574	1,11527	9,72399,63379	5,09027	10,27600,36621	30	
	40	9,67033,97453	3,97454	9,94629,25047	1,11541	9,72404,72406	5,08994	10,27595,27594	20	
	50	9,67037,94907	3,97407	9,94628,13506	1,11553	9,72409,81400	5,08961	10,27590,18600	10	
55	0	9,67041,92314	3,97360	9,94627,01953	1,11567	9,72414,90361	5,08927	10,27585,09639	0	5
	10	9,67045,89674	3,97314	9,94625,90386	1,11579	9,72419,99288	5,08893	10,27580,00712	50	
	20	9,67049,86988	3,97268	9,94624,78807	1,11593	9,72425,08181	5,08860	10,27574,91819	40	
	30	9,67053,84256	3,97220	9,94623,67214	1,11605	9,72430,17041	5,08827	10,27569,82959	30	
	40	9,67057,81476	3,97175	9,94622,55609	1,11619	9,72435,25868	5,08793	10,27564,74132	20	
	50	9,67061,78651	3,97128	9,94621,43990	1,11632	9,72440,34661	5,08760	10,27559,65339	10	
56	0	9,67065,75779	3,97081	9,94620,32358	1,11645	9,72445,43421	5,08726	10,27554,56579	0	4
	10	9,67069,72860	3,97035	9,94619,20713	1,11658	9,72450,52147	5,08693	10,27549,47853	50	
	20	9,67073,69895	3,96988	9,94618,09055	1,11671	9,72455,60840	5,08659	10,27544,39160	40	
	30	9,67077,66883	3,96942	9,94616,97384	1,11684	9,72460,69499	5,08626	10,27539,30501	30	
	40	9,67081,63825	3,96895	9,94615,85700	1,11697	9,72465,78125	5,08592	10,27534,21875	20	
	50	9,67085,60720	3,96849	9,94614,74003	1,11711	9,72470,86717	5,08559	10,27529,13283	10	
57	0	9,67089,57569	3,96802	9,94613,62292	1,11723	9,72475,95276	5,08526	10,27524,04724	0	3
	10	9,67093,54371	3,96756	9,94612,50569	1,11737	9,72481,03802	5,08493	10,27518,96198	50	
	20	9,67097,51127	3,96709	9,94611,38832	1,11749	9,72486,12295	5,08458	10,27513,87705	40	
	30	9,67101,47836	3,96663	9,94610,27083	1,11763	9,72491,20753	5,08426	10,27508,79247	30	
	40	9,67105,44499	3,96617	9,94609,15320	1,11776	9,72496,29179	5,08392	10,27503,70821	20	
	50	9,67109,41116	3,96570	9,94608,03544	1,11788	9,72501,37571	5,08359	10,27498,62429	10	
58	0	9,67113,37686	3,96524	9,94606,91756	1,11802	9,72506,45930	5,08326	10,27493,54070	0	2
	10	9,67117,34210	3,96477	9,94605,79954	1,11815	9,72511,54256	5,08292	10,27488,45744	50	
	20	9,67121,30687	3,96431	9,94604,68139	1,11828	9,72516,62548	5,08259	10,27483,37452	40	
	30	9,67125,27118	3,96384	9,94603,56311	1,11841	9,72521,70807	5,08226	10,27478,29193	30	
	40	9,67129,23502	3,96339	9,94602,44470	1,11855	9,72526,79033	5,08192	10,27473,20967	20	
	50	9,67133,19841	3,96291	9,94601,32615	1,11867	9,72531,87225	5,08159	10,27468,12775	10	
59	0	9,67137,16132	3,96246	9,94600,20748	1,11881	9,72536,95384	5,08126	10,27463,04616	0	1
	10	9,67141,12378	3,96199	9,94599,08867	1,11893	9,72542,03510	5,08093	10,27457,96490	50	
	20	9,67145,08577	3,96153	9,94597,96974	1,11907	9,72547,11603	5,08059	10,27452,88397	40	
	30	9,67149,04730	3,96106	9,94596,85067	1,11919	9,72552,19662	5,08026	10,27447,80338	30	
	40	9,67153,00836	3,96060	9,94595,73148	1,11933	9,72557,27688	5,07993	10,27442,72312	20	
	50	9,67156,96896	3,96014	9,94594,61215	1,11946	9,72562,35681	5,07960	10,27437,64319	10	
60	0	9,67160,92910	3,95967	9,94593,49269	1,11959	9,72567,43641	5,07926	10,27432,56359	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,67160,92910		9,94593,49269		9,72567,43641		10,27432,56359	0	60
	10	9,67164,88877	3,95967	9,94592,37310	1,11959	9,72572,51567	5,07926	10,27427,48433	50	
	20	9,67168,84798	3,95921	9,94591,25338	1,11972	9,72577,59460	5,07893	10,27422,40540	40	
	30	9,67172,80673	3,95875	9,94590,13353	1,11985	9,72582,67320	5,07860	10,27417,32680	30	
	40	9,67176,76501	3,95828	9,94589,01354	1,11999	9,72587,75147	5,07827	10,27412,24853	20	
	50	9,67180,72284	3,95783	9,94587,89343	1,12011	9,72592,82940	5,07793	10,27407,17060	10	
1	0	9,67184,68019	3,95735	9,94586,77319	1,12024	9,72597,90701	5,07761	10,27402,09299	0	59
			3,95690		1,12038		5,07727			
	10	9,67188,63709	3,95644	9,94585,65281	1,12051	9,72602,98428	5,07694	10,27397,01572	50	
	20	9,67192,59353	3,95597	9,94584,53230	1,12063	9,72608,06122	5,07661	10,27391,93878	40	
	30	9,67196,54950	3,95551	9,94583,41167	1,12077	9,72613,13783	5,07628	10,27386,86217	30	
	40	9,67200,50501	3,95504	9,94582,29090	1,12090	9,72618,21411	5,07595	10,27381,78589	20	
	50	9,67204,46005	3,95459	9,94581,17000	1,12103	9,72623,29006	5,07561	10,27376,70994	10	
2	0	9,67208,41464	3,95412	9,94580,04897	1,12116	9,72628,36567	5,07529	10,27371,63433	0	58
			3,95366		1,12130		5,07495			
	10	9,67212,36876	3,95320	9,94578,92781	1,12142	9,72633,44096	5,07462	10,27366,55904	50	
	20	9,67216,32242	3,95274	9,94577,80651	1,12155	9,72638,51591	5,07429	10,27361,48409	40	
	30	9,67220,27562	3,95227	9,94576,68509	1,12169	9,72643,59053	5,07396	10,27356,40947	30	
	40	9,67224,22836	3,95182	9,94575,56354	1,12182	9,72648,66482	5,07363	10,27351,33518	20	
	50	9,67228,18063	3,95135	9,94574,44185	1,12194	9,72653,73878	5,07330	10,27346,26122	10	
3	0	9,67232,13245	3,95089	9,94573,32003	1,12208	9,72658,81241	5,07297	10,27341,18759	0	57
			3,95043		1,12221		5,07264			
	10	9,67236,08380	3,94996	9,94572,19809	1,12234	9,72663,88571	5,07231	10,27336,11429	50	
	20	9,67240,03469	3,94951	9,94571,07601	1,12248	9,72668,95868	5,07198	10,27331,04132	40	
	30	9,67243,98512	3,94905	9,94569,95380	1,12260	9,72674,03132	5,07165	10,27325,96868	30	
	40	9,67247,93508	3,94858	9,94568,83146	1,12273	9,72679,10363	5,07131	10,27320,89637	20	
	50	9,67251,88459	3,94812	9,94567,70898	1,12287	9,72684,17561	5,07099	10,27315,82439	10	
4	0	9,67255,83364	3,94766	9,94566,58638	1,12300	9,72689,24726	5,07066	10,27310,75274	0	56
			3,94720		1,12312		5,07033			
	10	9,67259,78222	3,94674	9,94565,46365	1,12326	9,72694,31857	5,07000	10,27305,68143	50	
	20	9,67263,73034	3,94628	9,94564,34078	1,12339	9,72699,38956	5,06967	10,27300,61044	40	
	30	9,67267,67800	3,94582	9,94563,21778	1,12352	9,72704,46022	5,06934	10,27295,53978	30	
	40	9,67271,62520	3,94536	9,94562,09466	1,12366	9,72709,53055	5,06901	10,27290,46945	20	
	50	9,67275,57194	3,94490	9,94560,97140	1,12378	9,72714,60055	5,06868	10,27285,39945	10	
5	0	9,67279,51822	3,94444	9,94559,84801	1,12391	9,72719,67022	5,06835	10,27280,32978	0	55
			3,94397		1,12405		5,06802			
	10	9,67283,46404	3,94352	9,94558,72449	1,12418	9,72724,73956	5,06770	10,27275,26044	50	
	20	9,67287,40940	3,94306	9,94557,60083	1,12430	9,72729,80857	5,06736	10,27270,19143	40	
	30	9,67291,35430	3,94259	9,94556,47705	1,12444	9,72734,87725	5,06704	10,27265,12275	30	
	40	9,67295,29874	3,94214	9,94555,35314	1,12457	9,72739,94560	5,06670	10,27260,05440	20	
	50	9,67299,24271	3,94168	9,94554,22909	1,12471	9,72745,01362	5,06638	10,27254,98638	10	
6	0	9,67303,18623	3,94121	9,94553,10491	1,12483	9,72750,08132	5,06605	10,27249,91868	0	54
			3,94076		1,12496		5,06572			
	10	9,67307,12929	3,94030	9,94551,98061	1,12510	9,72755,14868	5,06540	10,27244,85132	50	
	20	9,67311,07188	3,93984	9,94550,85617	1,12522	9,72760,21572	5,06506	10,27239,78428	40	
	30	9,67315,01402	3,93938	9,94549,73160	1,12536	9,72765,28242	5,06474	10,27234,71758	30	
	40	9,67318,95570	3,93892	9,94548,60689	1,12549	9,72770,34880	5,06441	10,27229,65120	20	
	50	9,67322,89691	3,93846	9,94547,48206	1,12562	9,72775,41485	5,06408	10,27224,58515	10	
7	0	9,67326,83767	3,93800	9,94546,35710	1,12575	9,72780,48057	5,06375	10,27219,51943	0	53
			3,93754		1,12589		5,06342			
	10	9,67330,77797	3,93708	9,94545,23200	1,12601	9,72785,54597	5,06310	10,27214,45403	50	
	20	9,67334,71781	3,93662	9,94544,10678	1,12615	9,72790,61103	5,06277	10,27209,38897	40	
	30	9,67338,65719	3,93617	9,94542,98142	1,12627	9,72795,67577	5,06244	10,27204,32423	30	
	40	9,67342,59611	3,93571	9,94541,85593	1,12641	9,72800,74018	5,06212	10,27199,25982	20	
	50	9,67346,53457	3,93524	9,94540,73031	1,12654	9,72805,80426	5,06178	10,27194,19574	10	
8	0	9,67350,47257	3,93479	9,94539,60456	1,12667	9,72810,86801	5,06146	10,27189,13199	0	52
			3,93433		1,12680		5,06113			
	10	9,67354,41011	3,93387	9,94538,47867	1,12693	9,72815,93143	5,06081	10,27184,06857	50	
	20	9,67358,34719	3,93342	9,94537,35266	1,12707	9,72820,99453	5,06048	10,27179,00547	40	
	30	9,67362,28381	3,93295	9,94536,22651	1,12719	9,72826,05730	5,06015	10,27173,94270	30	
	40	9,67366,21998	3,93250	9,94535,10024	1,12733	9,72831,11974	5,05982	10,27168,88026	20	
	50	9,67370,15569	3,93204	9,94533,97383	1,12746	9,72836,18186	5,05950	10,27163,81814	10	
9	0	9,67374,09093		9,94532,84729		9,72841,24364		10,27158,75636	0	51
	10	9,67378,02572		9,94531,72062		9,72846,30510		10,27153,69490	50	
	20	9,67381,96005		9,94530,59382		9,72851,36623		10,27148,63377	40	
	30	9,67385,89392		9,94529,46689		9,72856,42704		10,27143,57296	30	
	40	9,67389,82734		9,94528,33982		9,72861,48752		10,27138,51248	20	
	50	9,67393,76029		9,94527,21263		9,72866,54767		10,27133,45233	10	
10	0	9,67397,69279		9,94526,08530		9,72871,60749		10,27128,39251	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,67397,69279		9,94526,08530		9,72871,60749		10,27128,39251	0	50
	10	9,67401,62483	3,93204	9,94524,95784	1,12746	9,72876,66699	5,05950	10,27123,33301	50	
	20	9,67405,55641	3,93158	9,94523,83025	1,12759	9,72881,72616	5,05917	10,27118,27384	40	
	30	9,67409,48753	3,93112	9,94522,70253	1,12772	9,72886,78500	5,05884	10,27113,21500	30	
	40	9,67413,41820	3,93067	9,94521,57468	1,12785	9,72891,84352	5,05852	10,27108,15648	20	
	50	9,67417,34841	3,93021	9,94520,44669	1,12799	9,72896,90171	5,05819	10,27103,09829	10	
11	0	9,67421,27815	3,92974	9,94519,31858	1,12811	9,72901,95958	5,05787	10,27098,04042	0	49
			3,92930		1,12825		5,05754			
	10	9,67425,20745	3,92883	9,94518,19033	1,12838	9,72907,01712	5,05721	10,27092,98288	50	
	20	9,67429,13628	3,92838	9,94517,06195	1,12851	9,72912,07433	5,05689	10,27087,92567	40	
	30	9,67433,06466	3,92792	9,94515,93344	1,12864	9,72917,13122	5,05656	10,27082,86878	30	
	40	9,67436,99258	3,92746	9,94514,80480	1,12877	9,72922,18778	5,05623	10,27077,81222	20	
	50	9,67440,92004	3,92701	9,94513,67603	1,12890	9,72927,24401	5,05591	10,27072,75599	10	
12	0	9,67444,84705	3,92654	9,94512,54713	1,12904	9,72932,29992	5,05558	10,27067,70008	0	48
			3,92609		1,12917		5,05526			
	10	9,67448,77359	3,92564	9,94511,41809	1,12929	9,72937,35550	5,05493	10,27062,64450	50	
	20	9,67452,69968	3,92517	9,94510,28892	1,12943	9,72942,41076	5,05461	10,27057,58924	40	
	30	9,67456,62532	3,92472	9,94509,15963	1,12956	9,72947,46569	5,05428	10,27052,53431	30	
	40	9,67460,55049	3,92427	9,94508,03020	1,12970	9,72952,52030	5,05396	10,27047,47970	20	
	50	9,67464,47521	3,92381	9,94506,90064	1,12982	9,72957,57458	5,05363	10,27042,42542	10	
13	0	9,67468,39948	3,92335	9,94505,77094	1,12996	9,72962,62854	5,05330	10,27037,37146	0	47
			3,92289		1,13008		5,05298			
	10	9,67472,32329	3,92244	9,94504,64112	1,13022	9,72967,68217	5,05266	10,27032,31783	50	
	20	9,67476,24664	3,92198	9,94503,51116	1,13035	9,72972,73547	5,05233	10,27027,26453	40	
	30	9,67480,16953	3,92152	9,94502,38108	1,13048	9,72977,78845	5,05201	10,27022,21155	30	
	40	9,67484,09197	3,92107	9,94501,25086	1,13061	9,72982,84111	5,05168	10,27017,15889	20	
	50	9,67488,01395	3,92061	9,94500,12051	1,13075	9,72987,89344	5,05135	10,27012,10656	10	
14	0	9,67491,93547	3,92016	9,94498,99003	1,13087	9,72992,94545	5,05104	10,27007,05455	0	46
			3,91970		1,13101		5,05070			
	10	9,67495,85654	3,91925	9,94497,85942	1,13114	9,72997,99713	5,05039	10,27002,00287	50	
	20	9,67499,77715	3,91879	9,94496,72867	1,13127	9,73003,04848	5,05006	10,26996,95152	40	
	30	9,67503,69731	3,91833	9,94495,59780	1,13140	9,73008,09952	5,04973	10,26991,90048	30	
	40	9,67507,61701	3,91788	9,94494,46679	1,13154	9,73013,15022	5,04942	10,26986,84978	20	
	50	9,67511,53626	3,91742	9,94493,33565	1,13166	9,73018,20061	5,04908	10,26981,79939	10	
15	0	9,67515,45505	3,91697	9,94492,20438	1,13180	9,73023,25067	5,04877	10,26976,74933	0	45
			3,91651		1,13193		5,04844			
	10	9,67519,37338	3,91606	9,94491,07298	1,13206	9,73028,30040	5,04811	10,26971,69960	50	
	20	9,67523,29126	3,91560	9,94489,94144	1,13219	9,73033,34982	5,04780	10,26966,65018	40	
	30	9,67527,20868	3,91515	9,94488,80978	1,13232	9,73038,39890	5,04747	10,26961,60110	30	
	40	9,67531,12565	3,91469	9,94487,67798	1,13246	9,73043,44767	5,04714	10,26956,55233	20	
	50	9,67535,04216	3,91423	9,94486,54605	1,13258	9,73048,49611	5,04683	10,26951,50389	10	
16	0	9,67538,95822	3,91379	9,94485,41399	1,13272	9,73053,54422	5,04650	10,26946,45578	0	44
			3,91332		1,13285		5,04617			
	10	9,67542,87382	3,91328	9,94484,28180	1,13298	9,73058,59202	5,04586	10,26941,40798	50	
	20	9,67546,78897	3,91288	9,94483,14948	1,13311	9,73063,63949	5,04553	10,26936,36051	40	
	30	9,67550,70366	3,91241	9,94482,01702	1,13325	9,73068,68663	5,04520	10,26931,31337	30	
	40	9,67554,61789	3,91197	9,94480,88444	1,13337	9,73073,73346	5,04489	10,26926,26654	20	
	50	9,67558,53168	3,91151	9,94479,75172	1,13351	9,73078,77996	5,04456	10,26921,22004	10	
17	0	9,67562,44500	3,91105	9,94478,61887	1,13364	9,73083,82613	5,04424	10,26916,17387	0	43
			3,91060		1,13377		5,04392			
	10	9,67566,35788	3,91015	9,94477,48589	1,13390	9,73088,87199	5,04359	10,26911,12801	50	
	20	9,67570,27029	3,90969	9,94476,35278	1,13404	9,73093,91752	5,04328	10,26906,08248	40	
	30	9,67574,18226	3,90924	9,94475,21953	1,13417	9,73098,96272	5,04295	10,26901,03728	30	
	40	9,67578,09377	3,90878	9,94474,08616	1,13429	9,73104,00761	5,04262	10,26895,99239	20	
	50	9,67582,00482	3,90833	9,94472,95265	1,13443	9,73109,05217	5,04231	10,26890,94783	10	
18	0	9,67585,91542	3,90788	9,94471,81901	1,13456	9,73114,09641	5,04198	10,26885,90359	0	42
			3,90742		1,13470		5,04167			
	10	9,67589,82557	3,90697	9,94470,68524	1,13482	9,73119,14033	5,04134	10,26880,85967	50	
	20	9,67593,73526	3,90652	9,94469,55134	1,13496	9,73124,18392	5,04102	10,26875,81608	40	
	30	9,67597,64450	3,90606	9,94468,41730	1,13509	9,73129,22720	5,04069	10,26870,77280	30	
	40	9,67601,55328	3,90561	9,94467,28313	1,13522	9,73134,27015	5,04038	10,26865,72985	20	
	50	9,67605,46161	3,90515	9,94466,14884	1,13535	9,73139,31277	5,04005	10,26860,68723	10	
19	0	9,67609,36949	3,90471	9,94465,01441		9,73144,35508		10,26855,64492	0	41
	10	9,67613,27691		9,94463,87985		9,73149,39706		10,26850,60294	50	
	20	9,67617,18388		9,94462,74515		9,73154,43873		10,26845,56127	40	
	30	9,67621,09040		9,94461,61033		9,73159,48007		10,26840,51993	30	
	40	9,67624,99646		9,94460,47537		9,73164,52109		10,26835,47891	20	
	50	9,67628,90207		9,94459,34028		9,73169,56178		10,26830,43822	10	
20	0	9,67632,80722		9,94458,20506		9,73174,60216		10,26825,39784	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,67632,80722		9,94458,20506		9,73174,60216		10,26825,39784	0	40
	10	9,67636,71193	3,90471	9,94457,06971	1,13535	9,73179,64221	5,04005	10,26820,35779	50	
	20	9,67640,61617	3,90424	9,94455,93423	1,13548	9,73184,68195	5,03974	10,26815,31805	40	
	30	9,67644,51997	3,90380	9,94454,79861	1,13562	9,73189,72136	5,03941	10,26810,27864	30	
	40	9,67648,42331	3,90334	9,94453,66287	1,13574	9,73194,76045	5,03909	10,26805,23955	20	
	50	9,67652,32621	3,90290	9,94452,52699	1,13588	9,73199,79922	5,03877	10,26800,20078	10	
21	0	9,67656,22864	3,90243	9,94451,39098	1,13601	9,73204,83767	5,03845	10,26795,16233	0	39
	10	9,67660,13063	3,90199	9,94450,25484	1,13614	9,73209,87579	5,03812	10,26790,12421	50	
	20	9,67664,03216	3,90153	9,94449,11856	1,13628	9,73214,91360	5,03781	10,26785,08640	40	
	30	9,67667,93324	3,90108	9,94447,98216	1,13640	9,73219,95109	5,03749	10,26780,04891	30	
	40	9,67671,83387	3,90063	9,94446,84562	1,13654	9,73224,98825	5,03716	10,26775,01175	20	
	50	9,67675,73404	3,90017	9,94445,70895	1,13667	9,73229,02510	5,03685	10,26770,97490	10	
22	0	9,67679,63377	3,89973	9,94444,57215	1,13680	9,73234,06162	5,03652	10,26765,93838	0	38
	10	9,67683,53304	3,89927	9,94443,43521	1,13694	9,73239,09782	5,03620	10,26760,90218	50	
	20	9,67687,43186	3,89882	9,94442,29815	1,13706	9,73244,13371	5,03589	10,26755,86629	40	
	30	9,67691,33022	3,89836	9,94441,16095	1,13720	9,73249,16927	5,03556	10,26750,83073	30	
	40	9,67695,22814	3,89792	9,94440,02362	1,13733	9,73254,20451	5,03524	10,26745,79549	20	
	50	9,67699,12560	3,89746	9,94438,88616	1,13746	9,73259,23944	5,03493	10,26740,76056	10	
23	0	9,67703,02261	3,89701	9,94437,74857	1,13759	9,73264,27404	5,03460	10,26735,72596	0	37
	10	9,67706,91917	3,89656	9,94436,61084	1,13773	9,73269,30832	5,03428	10,26730,69168	50	
	20	9,67710,81528	3,89611	9,94435,47299	1,13785	9,73274,34229	5,03397	10,26725,65771	40	
	30	9,67714,71093	3,89565	9,94434,33500	1,13799	9,73279,37593	5,03364	10,26720,62407	30	
	40	9,67718,60614	3,89521	9,94433,19688	1,13812	9,73284,40926	5,03333	10,26715,59074	20	
	50	9,67722,50089	3,89475	9,94432,05863	1,13825	9,73289,44226	5,03300	10,26710,55774	10	
24	0	9,67726,39519	3,89430	9,94430,92024	1,13839	9,73294,47495	5,03269	10,26705,52505	0	36
	10	9,67730,28904	3,89385	9,94429,78173	1,13851	9,73299,50731	5,03236	10,26700,49269	50	
	20	9,67734,18244	3,89340	9,94428,64308	1,13865	9,73304,53936	5,03205	10,26695,46064	40	
	30	9,67738,07539	3,89295	9,94427,50430	1,13878	9,73309,57109	5,03173	10,26690,42891	30	
	40	9,67741,96789	3,89250	9,94426,36539	1,13891	9,73314,60250	5,03141	10,26685,39750	20	
	50	9,67745,85993	3,89204	9,94425,22634	1,13905	9,73319,63359	5,03109	10,26680,36641	10	
25	0	9,67749,75153	3,89160	9,94424,08717	1,13917	9,73324,66436	5,03077	10,26675,33564	0	35
	10	9,67753,64267	3,89114	9,94422,94786	1,13931	9,73329,69481	5,03045	10,26670,30519	50	
	20	9,67757,53337	3,89070	9,94421,80842	1,13944	9,73334,72494	5,03013	10,26665,27506	40	
	30	9,67761,42361	3,89024	9,94420,66885	1,13957	9,73339,75476	5,02982	10,26660,24524	30	
	40	9,67765,31340	3,88979	9,94419,52915	1,13970	9,73344,78426	5,02950	10,26655,21574	20	
	50	9,67769,20275	3,88935	9,94418,38931	1,13984	9,73349,81343	5,02917	10,26650,18657	10	
26	0	9,67773,09164	3,88889	9,94417,24934	1,13997	9,73354,84229	5,02886	10,26645,15771	0	34
	10	9,67776,98008	3,88844	9,94416,10924	1,14010	9,73359,87084	5,02855	10,26640,12916	50	
	20	9,67780,86807	3,88799	9,94415,96901	1,14023	9,73364,89906	5,02822	10,26635,10094	40	
	30	9,67784,75561	3,88754	9,94414,82865	1,14036	9,73369,92696	5,02790	10,26630,07304	30	
	40	9,67788,64270	3,88709	9,94413,68815	1,14050	9,73374,95455	5,02759	10,26625,04545	20	
	50	9,67792,52935	3,88665	9,94412,54753	1,14062	9,73379,98182	5,02727	10,26620,01818	10	
27	0	9,67796,41554	3,88619	9,94411,40677	1,14076	9,73384,00877	5,02695	10,26615,99123	0	33
	10	9,67800,30128	3,88574	9,94410,26588	1,14089	9,73389,03540	5,02663	10,26610,96460	50	
	20	9,67804,18657	3,88529	9,94409,12485	1,14103	9,73394,06172	5,02632	10,26605,93828	40	
	30	9,67808,07142	3,88485	9,94408,98370	1,14115	9,73399,08772	5,02600	10,26600,91228	30	
	40	9,67811,95581	3,88439	9,94407,84241	1,14129	9,73404,11340	5,02568	10,26595,88660	20	
	50	9,67815,83975	3,88394	9,94406,70099	1,14142	9,73409,13876	5,02536	10,26590,86124	10	
28	0	9,67819,72325	3,88350	9,94405,55944	1,14155	9,73414,16381	5,02505	10,26585,83619	0	32
	10	9,67823,60629	3,88304	9,94404,41775	1,14169	9,73419,18854	5,02473	10,26580,81146	50	
	20	9,67827,48889	3,88260	9,94403,27594	1,14181	9,73424,21295	5,02441	10,26575,78705	40	
	30	9,67831,37103	3,88214	9,94402,13399	1,14195	9,73429,23705	5,02410	10,26570,76295	30	
	40	9,67835,25273	3,88170	9,94401,99191	1,14208	9,73434,26082	5,02377	10,26565,73918	20	
	50	9,67839,13398	3,88125	9,94400,84970	1,14221	9,73439,28428	5,02346	10,26560,71572	10	
29	0	9,67843,01478	3,88080	9,94399,70735	1,14235	9,73444,30743	5,02315	10,26555,69257	0	31
	10	9,67846,89513	3,88035	9,94398,56487	1,14248	9,73449,33026	5,02283	10,26550,66974	50	
	20	9,67850,77503	3,87990	9,94397,42226	1,14261	9,73454,35277	5,02251	10,26545,64723	40	
	30	9,67854,65449	3,87946	9,94396,27952	1,14274	9,73459,37496	5,02219	10,26540,62504	30	
	40	9,67858,53349	3,87900	9,94395,13665	1,14287	9,73464,39684	5,02188	10,26535,60316	20	
	50	9,67862,41205	3,87856	9,94394,99365	1,14300	9,73469,41840	5,02156	10,26530,58160	10	
30	0	9,67866,29015	3,87810	9,94393,85051	1,14314	9,73474,43965	5,02125	10,26525,56035	0	30
			3,87766		1,14327		5,02093			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,67866,29015	3,87766	9,94389,85051	1,14327	9,73476,43965	5,02093	10,26523,56035	0	30
	10	9,67870,16781	3,87721	9,94388,70724	1,14340	9,73481,46058	5,02061	10,26518,53942	50	
	20	9,67874,04502	3,87677	9,94387,56384	1,14354	9,73486,48119	5,02030	10,26513,51881	40	
	30	9,67877,92179	3,87631	9,94386,42030	1,14366	9,73491,50149	5,01998	10,26508,49851	30	
	40	9,67881,79810	3,87587	9,94385,27664	1,14380	9,73496,52147	5,01966	10,26503,47853	20	
	50	9,67885,67397	3,87542	9,94384,13284	1,14393	9,73501,54113	5,01935	10,26498,45887	10	
31	0	9,67889,54939	3,87497	9,94382,98891	1,14407	9,73506,56048	5,01904	10,26493,43952	0	29
	10	9,67893,42436	3,87452	9,94381,84484	1,14419	9,73511,57952	5,01871	10,26488,42048	50	
	20	9,67897,29888	3,87408	9,94380,70065	1,14433	9,73516,59823	5,01841	10,26483,40177	40	
	30	9,67901,17296	3,87363	9,94379,55632	1,14446	9,73521,61664	5,01809	10,26478,38336	30	
	40	9,67905,04659	3,87318	9,94378,41186	1,14459	9,73526,63473	5,01777	10,26473,36527	20	
	50	9,67908,91977	3,87273	9,94377,26727	1,14472	9,73531,65250	5,01745	10,26468,34750	10	
32	0	9,67912,79250	3,87229	9,94376,12255	1,14486	9,73536,66995	5,01715	10,26463,33005	0	28
	10	9,67916,66479	3,87184	9,94374,97769	1,14499	9,73541,68710	5,01682	10,26458,31290	50	
	20	9,67920,53663	3,87139	9,94373,83270	1,14512	9,73546,70392	5,01652	10,26453,29608	40	
	30	9,67924,40802	3,87094	9,94372,68758	1,14525	9,73551,72044	5,01619	10,26448,27956	30	
	40	9,67928,27896	3,87050	9,94371,54233	1,14539	9,73556,73663	5,01588	10,26443,26337	20	
	50	9,67932,14946	3,87005	9,94370,39694	1,14552	9,73561,75251	5,01557	10,26438,24749	10	
33	0	9,67936,01951	3,86960	9,94369,25142	1,14564	9,73566,76808	5,01526	10,26433,23192	0	27
	10	9,67939,88911	3,86916	9,94368,10578	1,14579	9,73571,78334	5,01493	10,26428,21666	50	
	20	9,67943,75827	3,86871	9,94366,95999	1,14591	9,73576,79827	5,01463	10,26423,20173	40	
	30	9,67947,62698	3,86826	9,94365,81408	1,14605	9,73581,81290	5,01431	10,26418,18710	30	
	40	9,67951,49524	3,86782	9,94364,66803	1,14618	9,73586,82721	5,01399	10,26413,17279	20	
	50	9,67955,36306	3,86737	9,94363,52185	1,14631	9,73591,84120	5,01368	10,26408,15880	10	
34	0	9,67959,23043	3,86692	9,94362,37554	1,14644	9,73596,85488	5,01337	10,26403,14512	0	26
	10	9,67963,09735	3,86648	9,94361,22910	1,14658	9,73601,86825	5,01306	10,26398,13175	50	
	20	9,67966,96383	3,86603	9,94360,08252	1,14671	9,73606,88131	5,01273	10,26393,11869	40	
	30	9,67970,82986	3,86558	9,94358,93581	1,14684	9,73611,89404	5,01243	10,26388,10596	30	
	40	9,67974,69544	3,86514	9,94357,78897	1,14697	9,73616,90647	5,01211	10,26383,09353	20	
	50	9,67978,56058	3,86469	9,94356,64200	1,14711	9,73621,91858	5,01180	10,26378,08142	10	
35	0	9,67982,42527	3,86425	9,94355,49489	1,14724	9,73626,93038	5,01148	10,26373,06962	0	25
	10	9,67986,28952	3,86380	9,94354,34765	1,14737	9,73631,94186	5,01118	10,26368,05814	50	
	20	9,67990,15332	3,86335	9,94353,20028	1,14750	9,73636,95304	5,01085	10,26363,04696	40	
	30	9,67994,01667	3,86291	9,94352,05278	1,14763	9,73641,96389	5,01055	10,26358,03611	30	
	40	9,67997,87958	3,86247	9,94350,90515	1,14777	9,73646,97444	5,01023	10,26353,02556	20	
	50	9,68001,74205	3,86201	9,94349,75738	1,14790	9,73651,98467	5,00992	10,26348,01533	10	
36	0	9,68005,60406	3,86158	9,94348,60948	1,14803	9,73656,99459	5,00960	10,26343,00541	0	24
	10	9,68009,46564	3,86112	9,94347,46145	1,14817	9,73662,00419	5,00929	10,26337,99581	50	
	20	9,68013,32676	3,86069	9,94346,31328	1,14830	9,73667,01348	5,00898	10,26332,98652	40	
	30	9,68017,18745	3,86023	9,94345,16498	1,14843	9,73672,02246	5,00867	10,26327,97754	30	
	40	9,68021,04768	3,85979	9,94344,01655	1,14856	9,73677,03113	5,00835	10,26322,96887	20	
	50	9,68024,90747	3,85935	9,94342,86799	1,14869	9,73682,03948	5,00804	10,26317,96052	10	
37	0	9,68028,76682	3,85890	9,94341,71930	1,14883	9,73687,04752	5,00773	10,26312,95248	0	23
	10	9,68032,62572	3,85846	9,94340,57047	1,14896	9,73692,05525	5,00742	10,26307,94475	50	
	20	9,68036,48418	3,85801	9,94339,42151	1,14909	9,73697,06267	5,00710	10,26302,93733	40	
	30	9,68040,34219	3,85756	9,94338,27242	1,14923	9,73702,06977	5,00679	10,26297,93023	30	
	40	9,68044,19975	3,85713	9,94337,12319	1,14935	9,73707,07656	5,00648	10,26292,92344	20	
	50	9,68048,05688	3,85667	9,94335,97384	1,14949	9,73712,08304	5,00617	10,26287,91696	10	
38	0	9,68051,91355	3,85624	9,94334,82435	1,14963	9,73717,08921	5,00585	10,26282,91079	0	22
	10	9,68055,76979	3,85579	9,94333,67472	1,14975	9,73722,09506	5,00555	10,26277,90494	50	
	20	9,68059,62558	3,85534	9,94332,52497	1,14989	9,73727,10061	5,00523	10,26272,89939	40	
	30	9,68063,48092	3,85490	9,94331,37508	1,15002	9,73732,10584	5,00492	10,26267,89416	30	
	40	9,68067,33582	3,85446	9,94330,22506	1,15015	9,73737,11076	5,00460	10,26262,88924	20	
	50	9,68071,19028	3,85401	9,94329,07491	1,15028	9,73742,11536	5,00430	10,26257,88464	10	
39	0	9,68075,04429	3,85356	9,94327,92463	1,15042	9,73747,11966	5,00399	10,26252,88034	0	21
	10	9,68078,89785	3,85313	9,94326,77421	1,15055	9,73752,12365	5,00367	10,26247,87635	50	
	20	9,68082,75098	3,85268	9,94325,62366	1,15068	9,73757,12732	5,00336	10,26242,87268	40	
	30	9,68086,60366	3,85223	9,94324,47298	1,15082	9,73762,13068	5,00305	10,26237,86932	30	
	40	9,68090,45589	3,85179	9,94323,32216	1,15095	9,73767,13373	5,00274	10,26232,86627	20	
	50	9,68094,30768	3,85135	9,94322,17121	1,15108	9,73772,13647	5,00243	10,26227,86353	10	
40	0	9,68098,15903	3,85091	9,94321,02013	1,15121	9,73777,13890	5,00212	10,26222,86110	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,68098,15903		9,94321,02013		9,73777,13890		10,26222,86110	0	20
41	10	9,68102,00994	3,85091	9,94319,86892	1,15121	9,73782,14102	5,00212	10,26217,85898	50	19
	20	9,68105,86040	3,85046	9,94318,71758	1,15134	9,73787,14282	5,00180	10,26212,85718	40	
	30	9,68109,71042	3,85002	9,94317,56610	1,15148	9,73792,14432	5,00150	10,26207,85568	30	
	40	9,68113,55999	3,84957	9,94316,41449	1,15161	9,73797,14550	5,00118	10,26202,85450	20	
	50	9,68117,40912	3,84913	9,94315,26274	1,15175	9,73802,14638	5,00088	10,26197,85362	10	
	0	9,68121,25781	3,84869	9,94314,11087	1,15187	9,73807,14694	5,00056	10,26192,85306	0	
	10	9,68125,10606	3,84825	9,94312,95886	1,15201	9,73812,14720	5,00026	10,26187,85280	50	
	20	9,68128,95386	3,84780	9,94311,80672	1,15214	9,73817,14714	4,99994	10,26182,85286	40	
	30	9,68132,80122	3,84736	9,94310,65445	1,15227	9,73822,14677	4,99963	10,26177,85323	30	
	40	9,68136,64813	3,84691	9,94309,50204	1,15241	9,73827,14609	4,99932	10,26172,85391	20	
42	50	9,68140,49461	3,84648	9,94308,34950	1,15254	9,73832,14511	4,99902	10,26167,85489	10	18
	0	9,68144,34064	3,84603	9,94307,19683	1,15267	9,73837,14381	4,99870	10,26162,85619	0	
	10	9,68148,18622	3,84558	9,94306,04402	1,15281	9,73842,14220	4,99839	10,26157,85780	50	
	20	9,68152,03137	3,84515	9,94304,89109	1,15293	9,73847,14028	4,99808	10,26152,85972	40	
	30	9,68155,87607	3,84470	9,94303,73802	1,15307	9,73852,13806	4,99778	10,26147,86194	30	
	40	9,68159,72033	3,84426	9,94302,58481	1,15321	9,73857,13552	4,99746	10,26142,86448	20	
	50	9,68163,56415	3,84382	9,94301,43148	1,15333	9,73862,13267	4,99715	10,26137,86733	10	
	0	9,68167,40753	3,84338	9,94300,27801	1,15347	9,73867,12952	4,99685	10,26132,87048	0	
	10	9,68171,25046	3,84293	9,94299,12441	1,15360	9,73872,12605	4,99653	10,26127,87395	50	
	20	9,68175,09295	3,84249	9,94297,97068	1,15373	9,73877,12228	4,99623	10,26122,87772	40	
43	30	9,68178,93500	3,84205	9,94296,81681	1,15387	9,73882,11819	4,99591	10,26117,88181	30	17
	40	9,68182,77661	3,84161	9,94295,66281	1,15400	9,73887,11380	4,99561	10,26112,88620	20	
	50	9,68186,61778	3,84117	9,94294,50868	1,15413	9,73892,10909	4,99529	10,26107,89091	10	
	0	9,68190,45850	3,84072	9,94293,35442	1,15426	9,73897,10408	4,99499	10,26102,89592	0	
	10	9,68194,29878	3,84028	9,94292,20002	1,15440	9,73902,09876	4,99468	10,26097,90124	50	
	20	9,68198,13862	3,83984	9,94291,04549	1,15453	9,73907,09313	4,99437	10,26092,90687	40	
	30	9,68201,97802	3,83940	9,94289,89083	1,15466	9,73912,08719	4,99406	10,26087,91281	30	
	40	9,68205,81698	3,83896	9,94288,73603	1,15480	9,73917,08095	4,99376	10,26082,91905	20	
	50	9,68209,65550	3,83852	9,94287,58110	1,15493	9,73922,07439	4,99344	10,26077,92561	10	
	0	9,68213,49357	3,83807	9,94286,42604	1,15506	9,73927,06753	4,99314	10,26072,93247	0	
44	10	9,68217,33121	3,83764	9,94285,27085	1,15519	9,73932,06036	4,99283	10,26067,93964	50	16
	20	9,68221,16840	3,83719	9,94284,11552	1,15533	9,73937,05288	4,99252	10,26062,94712	40	
	30	9,68225,00515	3,83675	9,94282,96006	1,15546	9,73942,04509	4,99221	10,26057,95491	30	
	40	9,68228,84146	3,83631	9,94281,80447	1,15559	9,73947,03699	4,99190	10,26052,96301	20	
	50	9,68232,67733	3,83587	9,94280,64875	1,15572	9,73952,02858	4,99159	10,26047,97142	10	
	0	9,68236,51276	3,83543	9,94279,49289	1,15586	9,73957,01987	4,99129	10,26042,98013	0	
	10	9,68240,34775	3,83499	9,94278,33690	1,15599	9,73962,01085	4,99098	10,26037,98915	50	
	20	9,68244,18230	3,83455	9,94277,18077	1,15613	9,73967,00152	4,99067	10,26032,99848	40	
	30	9,68248,01640	3,83410	9,94276,02452	1,15625	9,73971,99188	4,99036	10,26028,00812	30	
	40	9,68251,85007	3,83367	9,94274,86813	1,15639	9,73976,98194	4,99006	10,26023,01806	20	
45	50	9,68255,68329	3,83322	9,94273,71161	1,15652	9,73981,97169	4,98975	10,26018,02831	10	15
	0	9,68259,51608	3,83279	9,94272,55495	1,15666	9,73986,96113	4,98944	10,26013,03887	0	
	10	9,68263,34843	3,83235	9,94271,39816	1,15679	9,73991,95026	4,98913	10,26008,04974	50	
	20	9,68267,18033	3,83190	9,94270,24124	1,15692	9,73996,93909	4,98883	10,26003,06091	40	
	30	9,68271,01179	3,83146	9,94269,08419	1,15705	9,74001,92761	4,98852	10,25998,07239	30	
	40	9,68274,84282	3,83103	9,94267,92700	1,15719	9,74006,91582	4,98821	10,25993,08418	20	
	50	9,68278,67340	3,83058	9,94266,76968	1,15732	9,74011,90372	4,98790	10,25988,09628	10	
	0	9,68282,50355	3,83015	9,94265,61223	1,15745	9,74016,89132	4,98760	10,25983,10868	0	
	10	9,68286,33325	3,82970	9,94264,45465	1,15758	9,74021,87861	4,98729	10,25978,12139	50	
	20	9,68290,16252	3,82927	9,94263,29693	1,15772	9,74026,86559	4,98698	10,25973,13441	40	
46	30	9,68293,99135	3,82883	9,94262,13908	1,15785	9,74031,85227	4,98668	10,25968,14773	30	14
	40	9,68297,81973	3,82838	9,94260,98109	1,15799	9,74036,83864	4,98637	10,25963,16136	20	
	50	9,68301,64768	3,82795	9,94259,82297	1,15812	9,74041,82470	4,98606	10,25958,17530	10	
	0	9,68305,47518	3,82750	9,94258,66472	1,15825	9,74046,81046	4,98576	10,25953,18954	0	
	10	9,68309,30225	3,82707	9,94257,50634	1,15838	9,74051,79591	4,98545	10,25948,20409	50	
	20	9,68313,12888	3,82663	9,94256,34783	1,15851	9,74056,78106	4,98515	10,25943,21894	40	
	30	9,68316,95507	3,82619	9,94255,18918	1,15865	9,74061,76589	4,98483	10,25938,23411	30	
	40	9,68320,78082	3,82575	9,94254,03039	1,15879	9,74066,75043	4,98454	10,25933,24957	20	
	50	9,68324,60613	3,82531	9,94252,87148	1,15891	9,74071,73465	4,98422	10,25928,26535	10	
	0	9,68328,43100	3,82487	9,94251,71243	1,15905	9,74076,71857	4,98392	10,25923,28143	0	
50		Sin. Comple.	3,82444	SINVVM	1,15918	Tang. compl.	4,98362	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,68328,43100		9,94251,71243		9,74076,71857		10,25923,28143	0	10
	10	9,68332,25544	3,82444	9,94250,55325	1,15918	9,74081,70219	4,98362	10,25918,29781	50	
	20	9,68336,07943	3,82399	9,94249,39394	1,15931	9,74086,68549	4,98330	10,25913,31451	40	
	30	9,68339,90299	3,82356	9,94248,23449	1,15945	9,74091,66850	4,98301	10,25908,33150	30	
	40	9,68343,72610	3,82311	9,94247,07491	1,15958	9,74096,65119	4,98269	10,25903,34881	20	
	50	9,68347,54878	3,82268	9,94245,91520	1,15971	9,74101,63359	4,98240	10,25898,36641	10	
51	0	9,68351,37102	3,82224	9,94244,75535	1,15985	9,74106,61567	4,98208	10,25893,38433	0	9
	10	9,68355,19282	3,82180	9,94243,59537	1,15998	9,74111,59745	4,98178	10,25888,40255	50	
	20	9,68359,01419	3,82137	9,94242,43526	1,16011	9,74116,57893	4,98148	10,25883,42107	40	
	30	9,68362,83511	3,82092	9,94241,27501	1,16025	9,74121,56010	4,98117	10,25878,43990	30	
	40	9,68366,65560	3,82049	9,94240,11463	1,16038	9,74126,54096	4,98086	10,25873,45904	20	
	50	9,68370,47565	3,82005	9,94238,95412	1,16051	9,74131,52152	4,98056	10,25868,47848	10	
52	0	9,68374,29526	3,81961	9,94237,79348	1,16064	9,74136,50178	4,98026	10,25863,49822	0	8
	10	9,68378,11443	3,81917	9,94236,63270	1,16078	9,74141,48173	4,97995	10,25858,51827	50	
	20	9,68381,93316	3,81873	9,94235,47179	1,16091	9,74146,46137	4,97964	10,25853,53863	40	
	30	9,68385,75146	3,81830	9,94234,31074	1,16105	9,74151,44071	4,97934	10,25848,55929	30	
	40	9,68389,56932	3,81786	9,94233,14957	1,16117	9,74156,41975	4,97904	10,25843,58025	20	
	50	9,68393,38674	3,81742	9,94231,98826	1,16131	9,74161,39848	4,97873	10,25838,60152	10	
53	0	9,68397,20372	3,81698	9,94230,82681	1,16145	9,74166,37691	4,97843	10,25833,62309	0	7
	10	9,68401,02027	3,81655	9,94229,66524	1,16157	9,74171,35503	4,97812	10,25828,64497	50	
	20	9,68404,83638	3,81611	9,94228,50353	1,16171	9,74176,33285	4,97782	10,25823,66715	40	
	30	9,68408,65205	3,81567	9,94227,34168	1,16185	9,74181,31036	4,97751	10,25818,68964	30	
	40	9,68412,46728	3,81523	9,94226,17971	1,16197	9,74186,28757	4,97721	10,25813,71243	20	
	50	9,68416,28208	3,81480	9,94225,01760	1,16211	9,74191,26448	4,97691	10,25808,73552	10	
54	0	9,68420,09644	3,81436	9,94223,85536	1,16224	9,74196,24108	4,97660	10,25803,75892	0	6
	10	9,68423,91036	3,81392	9,94222,69298	1,16238	9,74201,21738	4,97630	10,25798,78262	50	
	20	9,68427,72385	3,81349	9,94221,53047	1,16251	9,74206,19338	4,97600	10,25793,80662	40	
	30	9,68431,53690	3,81305	9,94220,36783	1,16264	9,74211,16907	4,97569	10,25788,83093	30	
	40	9,68435,34951	3,81261	9,94219,20506	1,16277	9,74216,14445	4,97538	10,25783,85555	20	
	50	9,68439,16168	3,81217	9,94218,04215	1,16291	9,74221,11954	4,97509	10,25778,88046	10	
55	0	9,68442,97342	3,81174	9,94216,87911	1,16304	9,74226,09432	4,97478	10,25773,90568	0	5
	10	9,68446,78473	3,81131	9,94215,71593	1,16318	9,74231,06879	4,97447	10,25768,93121	50	
	20	9,68450,59559	3,81086	9,94214,55262	1,16331	9,74236,04297	4,97418	10,25763,95703	40	
	30	9,68454,40602	3,81043	9,94213,38918	1,16344	9,74241,01684	4,97387	10,25758,98316	30	
	40	9,68458,21601	3,80999	9,94212,22561	1,16357	9,74245,99041	4,97357	10,25754,00959	20	
	50	9,68462,02557	3,80956	9,94211,06190	1,16371	9,74250,96367	4,97326	10,25749,03633	10	
56	0	9,68465,83469	3,80912	9,94209,89806	1,16384	9,74255,93663	4,97296	10,25744,06337	0	4
	10	9,68469,64337	3,80868	9,94208,73408	1,16398	9,74260,90929	4,97266	10,25739,09071	50	
	20	9,68473,45162	3,80825	9,94207,56998	1,16410	9,74265,88165	4,97236	10,25734,11835	40	
	30	9,68477,25943	3,80781	9,94206,40574	1,16424	9,74270,85370	4,97205	10,25729,14630	30	
	40	9,68481,06681	3,80738	9,94205,24136	1,16438	9,74275,82545	4,97175	10,25724,17455	20	
	50	9,68484,87375	3,80694	9,94204,07685	1,16451	9,74280,79690	4,97145	10,25719,20310	10	
57	0	9,68488,68025	3,80650	9,94202,91221	1,16464	9,74285,76804	4,97114	10,25714,23196	0	3
	10	9,68492,48632	3,80607	9,94201,74744	1,16477	9,74290,73888	4,97084	10,25709,26112	50	
	20	9,68496,29196	3,80564	9,94200,58253	1,16491	9,74295,70943	4,97055	10,25704,29057	40	
	30	9,68500,09715	3,80519	9,94199,41749	1,16504	9,74300,67966	4,97023	10,25699,32034	30	
	40	9,68503,90192	3,80477	9,94198,25232	1,16517	9,74305,64960	4,96994	10,25694,35040	20	
	50	9,68507,70624	3,80432	9,94197,08701	1,16531	9,74310,61923	4,96963	10,25689,38077	10	
58	0	9,68511,51014	3,80390	9,94195,92157	1,16544	9,74315,58857	4,96934	10,25684,41143	0	2
	10	9,68515,31359	3,80345	9,94194,75599	1,16558	9,74320,55760	4,96903	10,25679,44240	50	
	20	9,68519,11661	3,80302	9,94193,59029	1,16570	9,74325,52633	4,96873	10,25674,47367	40	
	30	9,68522,91920	3,80259	9,94192,42445	1,16584	9,74330,49475	4,96842	10,25669,50525	30	
	40	9,68526,72135	3,80215	9,94191,25847	1,16598	9,74335,46288	4,96813	10,25664,53712	20	
	50	9,68530,52307	3,80172	9,94190,09236	1,16611	9,74340,43070	4,96782	10,25659,56930	10	
59	0	9,68534,32435	3,80128	9,94188,92612	1,16624	9,74345,39823	4,96753	10,25654,60177	0	1
	10	9,68538,12519	3,80084	9,94187,75975	1,16637	9,74350,36545	4,96722	10,25649,63455	50	
	20	9,68541,92561	3,80042	9,94186,59324	1,16651	9,74355,33237	4,96692	10,25644,66763	40	
	30	9,68545,72558	3,79997	9,94185,42660	1,16664	9,74360,29899	4,96662	10,25639,70101	30	
	40	9,68549,52513	3,79955	9,94184,25982	1,16678	9,74365,26530	4,96631	10,25634,73470	20	
	50	9,68553,32424	3,79911	9,94183,09292	1,16690	9,74370,23132	4,96602	10,25629,76868	10	
60	0	9,68557,12291	3,79867	9,94181,92587	1,16705	9,74375,19704	4,96572	10,25624,80296	0	0
			3,79824		1,16717		4,96541			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,68557,12291		9,94181,92587		9,74375,19704		10,25624,80296	o	60
	10	9,68560,92115	3,79824	9,94180,75870	1,16717	9,74380,16245	4,96541	10,25619,83755	50	
	20	9,68564,71896	3,79781	9,94179,59139	1,16731	9,74385,12756	4,96511	10,25614,87244	40	
	30	9,68568,51633	3,79737	9,94178,42395	1,16744	9,74390,09238	4,96482	10,25609,90762	30	
	40	9,68572,31326	3,79693	9,94177,25637	1,16758	9,74395,05689	4,96451	10,25604,94311	20	
	50	9,68576,10977	3,79651	9,94176,08867	1,16770	9,74400,02110	4,96421	10,25599,97890	10	
1	0	9,68579,90584	3,79607	9,94174,92082	1,16785	9,74404,98501	4,96391	10,25595,01499	o	59
			3,79563		1,16797		4,96362			
	10	9,68583,70147	3,79520	9,94173,75285	1,16811	9,74409,94863	4,96331	10,25590,05137	50	
	20	9,68587,49667	3,79477	9,94172,58474	1,16825	9,74414,91194	4,96301	10,25585,08806	40	
	30	9,68591,29144	3,79434	9,94171,41649	1,16837	9,74419,87495	4,96271	10,25580,12505	30	
	40	9,68595,08578	3,79390	9,94170,24812	1,16851	9,74424,83766	4,96241	10,25575,16234	20	
	50	9,68598,87968	3,79347	9,94169,07961	1,16864	9,74429,80007	4,96211	10,25570,19993	10	
2	0	9,68602,67315	3,79303	9,94167,91097	1,16878	9,74434,76218	4,96181	10,25565,23782	o	58
			3,79260		1,16891		4,96151			
	10	9,68606,46618	3,79217	9,94166,74219	1,16905	9,74439,72399	4,96121	10,25560,27601	50	
	20	9,68610,25878	3,79173	9,94165,57328	1,16917	9,74444,68550	4,96092	10,25555,31450	40	
	30	9,68614,05095	3,79130	9,94164,40423	1,16931	9,74449,64671	4,96061	10,25550,35329	30	
	40	9,68617,84268	3,79087	9,94163,23506	1,16945	9,74454,60763	4,96031	10,25545,39237	20	
	50	9,68621,63398	3,79044	9,94162,06575	1,16958	9,74459,56824	4,96001	10,25540,43176	10	
3	0	9,68625,42485	3,79000	9,94160,89630	1,16971	9,74464,52855	4,95972	10,25535,47145	o	57
			3,78957		1,16984		4,95941			
	10	9,68629,21529	3,78914	9,94159,72672	1,16998	9,74469,48856	4,95912	10,25530,51144	50	
	20	9,68633,00529	3,78870	9,94158,55701	1,17012	9,74474,44828	4,95882	10,25525,55172	40	
	30	9,68636,79486	3,78827	9,94157,38717	1,17024	9,74479,40769	4,95851	10,25520,59231	30	
	40	9,68640,58400	3,78784	9,94156,21719	1,17038	9,74484,36681	4,95822	10,25515,63319	20	
	50	9,68644,37270	3,78741	9,94155,04707	1,17052	9,74489,32563	4,95792	10,25510,67437	10	
4	0	9,68648,16097	3,78697	9,94153,87683	1,17064	9,74494,28414	4,95763	10,25505,71586	o	56
			3,78655		1,17078		4,95732			
	10	9,68651,94881	3,78611	9,94152,70645	1,17092	9,74499,24236	4,95702	10,25500,75764	50	
	20	9,68655,73622	3,78567	9,94151,53593	1,17105	9,74504,20028	4,95673	10,25495,79972	40	
	30	9,68659,52319	3,78525	9,94150,36529	1,17118	9,74509,15791	4,95643	10,25490,84209	30	
	40	9,68663,30974	3,78481	9,94149,19451	1,17131	9,74514,11523	4,95613	10,25485,88477	20	
	50	9,68667,09585	3,78439	9,94148,02359	1,17145	9,74519,07225	4,95583	10,25480,92775	10	
5	0	9,68670,88152	3,78395	9,94146,85254	1,17158	9,74524,02898	4,95553	10,25475,97102	o	55
			3,78351		1,17172		4,95523			
	10	9,68674,66677	3,78309	9,94145,68136	1,17185	9,74528,98541	4,95494	10,25471,01459	50	
	20	9,68678,45158	3,78266	9,94144,51005	1,17198	9,74533,94154	4,95464	10,25466,05846	40	
	30	9,68682,23597	3,78222	9,94143,33860	1,17212	9,74538,89737	4,95434	10,25461,10263	30	
	40	9,68686,01992	3,78179	9,94142,16702	1,17225	9,74543,85290	4,95405	10,25456,14710	20	
	50	9,68689,80343	3,78136	9,94140,99530	1,17239	9,74548,80813	4,95374	10,25451,19187	10	
6	0	9,68693,58652	3,78093	9,94139,82345	1,17252	9,74553,76307	4,95345	10,25446,23693	o	54
			3,78050		1,17265		4,95315			
	10	9,68697,36918	3,78007	9,94138,65147	1,17278	9,74558,71771	4,95285	10,25441,28229	50	
	20	9,68701,15140	3,77964	9,94137,47935	1,17292	9,74563,67205	4,95256	10,25436,32795	40	
	30	9,68704,93319	3,77920	9,94136,30710	1,17306	9,74568,62610	4,95226	10,25431,37390	30	
	40	9,68708,71455	3,77878	9,94135,13471	1,17319	9,74573,57984	4,95196	10,25426,42016	20	
	50	9,68712,49548	3,77834	9,94133,96219	1,17332	9,74578,53329	4,95167	10,25421,46671	10	
7	0	9,68716,27598	3,77791	9,94132,78954	1,17345	9,74583,48644	4,95136	10,25416,51356	o	53
			3,77749		1,17359		4,95108			
	10	9,68720,05605	3,77705	9,94131,61676	1,17372	9,74588,43929	4,95077	10,25411,56071	50	
	20	9,68723,83569	3,77662	9,94130,44384	1,17386	9,74593,39185	4,95048	10,25406,60815	40	
	30	9,68727,61489	3,77619	9,94129,27078	1,17399	9,74598,34411	4,95018	10,25401,65589	30	
	40	9,68731,39367	3,77576	9,94128,09759	1,17412	9,74603,29607	4,94988	10,25396,70393	20	
	50	9,68735,17201	3,77533	9,94126,92427	1,17426	9,74608,24774	4,94959	10,25391,75226	10	
8	0	9,68738,94992	3,77490	9,94125,75082	1,17439	9,74613,19910	4,94929	10,25386,80090	o	52
			3,77447		1,17453		4,94899			
	10	9,68742,72741	3,77404	9,94124,57723	1,17466	9,74618,15018	4,94869	10,25381,84982	50	
	20	9,68746,50446	3,77361	9,94123,40351	1,17479	9,74623,10095	4,94841	10,25376,89905	40	
	30	9,68750,28108	3,77318	9,94122,22965	1,17493	9,74628,05143	4,94810	10,25371,94857	30	
	40	9,68754,05727	3,77275	9,94121,05566	1,17506	9,74633,00161	4,94781	10,25366,99839	20	
	50	9,68757,83303	3,77232	9,94119,88154	1,17519	9,74637,95149	4,94752	10,25362,04851	10	
9	0	9,68761,60836		9,94118,70728		9,74642,90108		10,25357,09892	o	51
	10	9,68765,38326		9,94117,53289		9,74647,85037		10,25352,14963	50	
	20	9,68769,15773		9,94116,35836		9,74652,79937		10,25347,20063	40	
	30	9,68772,93177		9,94115,18370		9,74657,74806		10,25342,25194	30	
	40	9,68776,70538		9,94114,00891		9,74662,69647		10,25337,30353	20	
	50	9,68780,47856		9,94112,83398		9,74667,64457		10,25332,35543	10	
10	0	9,68784,25131		9,94111,65892		9,74672,59238		10,25327,40762	o	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,68784,25131		9,94111,65892		9,74672,59238		10,25327,40762	0	50
	10	9,68788,02363	3,77232	9,94110,48373	1,17519	9,74677,53990	4,94752	10,25322,46010	50	
	20	9,68791,79552	3,77189	9,94109,30840	1,17533	9,74682,48712	4,94722	10,25317,51288	40	
	30	9,68795,56698	3,77146	9,94108,13294	1,17546	9,74687,43404	4,94692	10,25312,56596	30	
	40	9,68799,33801	3,77103	9,94106,95734	1,17560	9,74692,38067	4,94663	10,25307,61933	20	
	50	9,68803,10861	3,77060	9,94105,78161	1,17573	9,74697,32700	4,94633	10,25302,67300	10	
11	0	9,68806,87878	3,77017	9,94104,60575	1,17586	9,74702,27304	4,94604	10,25297,72696	0	49
	10	9,68810,64852	3,76974	9,94103,42975	1,17600	9,74707,21878	4,94574	10,25292,78122	50	
	20	9,68814,41784	3,76932	9,94102,25361	1,17614	9,74712,16422	4,94544	10,25287,83578	40	
	30	9,68818,18672	3,76888	9,94101,07735	1,17626	9,74717,10937	4,94515	10,25282,89063	30	
	40	9,68821,95518	3,76846	9,94099,90095	1,17640	9,74722,05423	4,94486	10,25277,94577	20	
	50	9,68825,72320	3,76802	9,94098,72442	1,17653	9,74726,99879	4,94456	10,25273,00121	10	
12	0	9,68829,49080	3,76760	9,94097,54775	1,17667	9,74731,94305	4,94426	10,25268,05695	0	48
	10	9,68833,25797	3,76717	9,94096,37095	1,17680	9,74736,88702	4,94397	10,25263,11298	50	
	20	9,68837,02471	3,76674	9,94095,19401	1,17694	9,74741,83070	4,94368	10,25258,16930	40	
	30	9,68840,79102	3,76631	9,94094,01694	1,17707	9,74746,77408	4,94338	10,25253,22592	30	
	40	9,68844,55690	3,76588	9,94092,83974	1,17720	9,74751,71717	4,94309	10,25248,28283	20	
	50	9,68848,32236	3,76546	9,94091,66240	1,17734	9,74756,65996	4,94279	10,25243,34004	10	
13	0	9,68852,08738	3,76502	9,94090,48493	1,17747	9,74761,60245	4,94249	10,25238,39755	0	47
	10	9,68855,85198	3,76460	9,94089,30732	1,17761	9,74766,54466	4,94221	10,25233,45534	50	
	20	9,68859,61615	3,76417	9,94088,12958	1,17774	9,74771,48656	4,94190	10,25228,51344	40	
	30	9,68863,37989	3,76374	9,94086,95171	1,17787	9,74776,42818	4,94162	10,25223,57182	30	
	40	9,68867,14320	3,76331	9,94085,77370	1,17801	9,74781,36950	4,94132	10,25218,63050	20	
	50	9,68870,90608	3,76288	9,94084,59556	1,17814	9,74786,31052	4,94102	10,25213,68948	10	
14	0	9,68874,66854	3,76246	9,94083,41728	1,17828	9,74791,25125	4,94073	10,25208,74875	0	46
	10	9,68878,43056	3,76202	9,94082,23887	1,17841	9,74796,19169	4,94044	10,25203,80831	50	
	20	9,68882,19216	3,76160	9,94081,06033	1,17854	9,74801,13184	4,94015	10,25198,86816	40	
	30	9,68885,95333	3,76117	9,94079,88165	1,17868	9,74806,07168	4,93984	10,25193,92832	30	
	40	9,68889,71408	3,76075	9,94078,70284	1,17881	9,74811,01124	4,93956	10,25188,98876	20	
	50	9,68893,47439	3,76031	9,94077,52389	1,17895	9,74815,95050	4,93926	10,25184,04950	10	
15	0	9,68897,23428	3,75989	9,94076,34481	1,17908	9,74820,88947	4,93897	10,25179,11053	0	45
	10	9,68900,99374	3,75946	9,94075,16560	1,17921	9,74825,82815	4,93868	10,25174,17185	50	
	20	9,68904,75278	3,75904	9,94073,98625	1,17935	9,74830,76653	4,93838	10,25169,23347	40	
	30	9,68908,51138	3,75860	9,94072,80677	1,17948	9,74835,70462	4,93809	10,25164,29538	30	
	40	9,68912,26956	3,75818	9,94071,62715	1,17962	9,74840,64241	4,93779	10,25159,35759	20	
	50	9,68916,02731	3,75775	9,94070,44740	1,17975	9,74845,57992	4,93751	10,25154,42008	10	
16	0	9,68919,78464	3,75733	9,94069,26751	1,17989	9,74850,51713	4,93721	10,25149,48287	0	44
	10	9,68923,54154	3,75690	9,94068,08749	1,18002	9,74855,45404	4,93691	10,25144,54596	50	
	20	9,68927,29801	3,75647	9,94066,90734	1,18015	9,74860,39067	4,93663	10,25139,60933	40	
	30	9,68931,05405	3,75604	9,94065,72705	1,18029	9,74865,32700	4,93633	10,25134,67300	30	
	40	9,68934,80967	3,75562	9,94064,54663	1,18042	9,74870,26303	4,93603	10,25129,73697	20	
	50	9,68938,56486	3,75519	9,94063,36608	1,18055	9,74875,19878	4,93575	10,25124,80122	10	
17	0	9,68942,31962	3,75476	9,94062,18539	1,18069	9,74880,13423	4,93545	10,25119,86577	0	43
	10	9,68946,07395	3,75433	9,94061,00456	1,18083	9,74885,06939	4,93516	10,25114,93061	50	
	20	9,68949,82786	3,75391	9,94059,82360	1,18096	9,74890,00426	4,93487	10,25109,99574	40	
	30	9,68953,58135	3,75349	9,94058,64251	1,18109	9,74894,93884	4,93458	10,25105,06116	30	
	40	9,68957,33440	3,75305	9,94057,46128	1,18123	9,74899,87312	4,93428	10,25100,12688	20	
	50	9,68961,08703	3,75263	9,94056,27992	1,18136	9,74904,80711	4,93399	10,25095,19289	10	
18	0	9,68964,83924	3,75221	9,94055,09843	1,18149	9,74909,74081	4,93370	10,25090,25919	0	42
	10	9,68968,59102	3,75178	9,94053,91680	1,18163	9,74914,67422	4,93341	10,25085,32578	50	
	20	9,68972,34237	3,75135	9,94052,73504	1,18176	9,74919,60733	4,93311	10,25080,39267	40	
	30	9,68976,09329	3,75092	9,94051,55314	1,18190	9,74924,54015	4,93282	10,25075,45985	30	
	40	9,68979,84379	3,75050	9,94050,37111	1,18203	9,74929,47269	4,93254	10,25070,52731	20	
	50	9,68983,59387	3,75008	9,94049,18894	1,18217	9,74934,40493	4,93224	10,25065,59507	10	
19	0	9,68987,34351	3,74964	9,94048,00664	1,18230	9,74939,33687	4,93194	10,25060,66313	0	41
	10	9,68991,09274	3,74923	9,94046,82420	1,18244	9,74944,26853	4,93166	10,25055,73147	50	
	20	9,68994,84153	3,74879	9,94045,64164	1,18256	9,74949,19990	4,93137	10,25050,80010	40	
	30	9,68998,58990	3,74837	9,94044,45893	1,18271	9,74954,13097	4,93107	10,25045,86903	30	
	40	9,69002,33785	3,74795	9,94043,27609	1,18284	9,74959,06175	4,93078	10,25040,93825	20	
	50	9,69006,08537	3,74752	9,94042,09312	1,18297	9,74963,99224	4,93049	10,25036,00776	10	
20	0	9,69009,83246	3,74709	9,94040,91002	1,18310	9,74968,92245	4,93021	10,25031,07755	0	40
			3,74667		1,18324		4,92990			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,69009,83246	3,74667	9,94040,91002	1,18324	9,74968,92245	4,92990	10,25031,07755	0	40
	10	9,69013,57913	3,74624	9,94039,72678	1,18338	9,74973,85235	4,92962	10,25026,14765	50	
	20	9,69017,32537	3,74582	9,94038,54340	1,18351	9,74978,78197	4,92933	10,25021,21803	40	
	30	9,69021,07119	3,74540	9,94037,35989	1,18364	9,74983,71130	4,92904	10,25016,28870	30	
	40	9,69024,81659	3,74496	9,94036,17625	1,18378	9,74988,64034	4,92874	10,25011,35966	20	
	50	9,69028,56155	3,74455	9,94034,99247	1,18391	9,74993,56908	4,92846	10,25006,43092	10	
21	0	9,69032,30610	3,74412	9,94033,80856	1,18405	9,74998,49754	4,92816	10,25001,50246	0	39
	10	9,69036,05022	3,74369	9,94032,62451	1,18418	9,75003,42570	4,92788	10,24996,57430	50	
	20	9,69039,79391	3,74327	9,94031,44033	1,18431	9,75008,35358	4,92758	10,24991,64642	40	
	30	9,69043,53718	3,74284	9,94030,25602	1,18445	9,75013,28116	4,92730	10,24986,71884	30	
	40	9,69047,28002	3,74242	9,94029,07157	1,18459	9,75018,20846	4,92700	10,24981,79154	20	
	50	9,69051,02244	3,74200	9,94027,88698	1,18472	9,75023,13546	4,92671	10,24976,86454	10	
22	0	9,69054,76444	3,74157	9,94026,70226	1,18485	9,75028,06217	4,92643	10,24971,93783	0	38
	10	9,69058,50601	3,74114	9,94025,51741	1,18499	9,75032,98860	4,92613	10,24967,01140	50	
	20	9,69062,24715	3,74072	9,94024,33242	1,18512	9,75037,91473	4,92584	10,24962,08527	40	
	30	9,69065,98787	3,74030	9,94023,14730	1,18526	9,75042,84057	4,92556	10,24957,15943	30	
	40	9,69069,72817	3,73987	9,94021,96204	1,18539	9,75047,76613	4,92526	10,24952,23387	20	
	50	9,69073,46804	3,73945	9,94020,77665	1,18552	9,75052,69139	4,92497	10,24947,30861	10	
23	0	9,69077,20749	3,73903	9,94019,59113	1,18566	9,75057,61636	4,92469	10,24942,38364	0	37
	10	9,69080,94652	3,73860	9,94018,40547	1,18579	9,75062,54105	4,92439	10,24937,45895	50	
	20	9,69084,68512	3,73818	9,94017,21968	1,18593	9,75067,46544	4,92411	10,24932,53456	40	
	30	9,69088,42330	3,73775	9,94016,03375	1,18607	9,75072,38955	4,92382	10,24927,61045	30	
	40	9,69092,16105	3,73733	9,94014,84768	1,18619	9,75077,31337	4,92352	10,24922,68663	20	
	50	9,69095,89838	3,73691	9,94013,66149	1,18633	9,75082,23689	4,92324	10,24917,76311	10	
24	0	9,69099,63529	3,73648	9,94012,47516	1,18647	9,75087,16013	4,92295	10,24912,83987	0	36
	10	9,69103,37177	3,73606	9,94011,28869	1,18660	9,75092,08308	4,92266	10,24907,91692	50	
	20	9,69107,10783	3,73563	9,94010,10209	1,18674	9,75097,00574	4,92237	10,24902,99426	40	
	30	9,69110,84346	3,73522	9,94008,91535	1,18687	9,75101,92811	4,92208	10,24898,07189	30	
	40	9,69114,57868	3,73479	9,94007,72848	1,18700	9,75106,85019	4,92180	10,24893,14981	20	
	50	9,69118,31347	3,73436	9,94006,54148	1,18714	9,75111,77199	4,92150	10,24888,22801	10	
25	0	9,69122,04783	3,73394	9,94005,35434	1,18727	9,75116,69349	4,92122	10,24883,30651	0	35
	10	9,69125,78177	3,73352	9,94004,16707	1,18741	9,75121,61471	4,92092	10,24878,38529	50	
	20	9,69129,51529	3,73310	9,94002,97966	1,18754	9,75126,53563	4,92064	10,24873,46437	40	
	30	9,69133,24839	3,73267	9,94001,79212	1,18768	9,75131,45627	4,92035	10,24868,54373	30	
	40	9,69136,98106	3,73225	9,94000,60444	1,18781	9,75136,37662	4,92007	10,24863,62338	20	
	50	9,69140,71331	3,73183	9,93999,41663	1,18795	9,75141,29669	4,91977	10,24858,70331	10	
26	0	9,69144,44514	3,73141	9,93998,22868	1,18808	9,75146,21646	4,91949	10,24853,78354	0	34
	10	9,69148,17655	3,73098	9,93997,04060	1,18821	9,75151,13595	4,91919	10,24848,86405	50	
	20	9,69151,90753	3,73056	9,93995,85239	1,18835	9,75156,05514	4,91891	10,24843,94486	40	
	30	9,69155,63809	3,73014	9,93994,66404	1,18849	9,75160,97405	4,91863	10,24839,02595	30	
	40	9,69159,36823	3,72971	9,93993,47555	1,18862	9,75165,89268	4,91833	10,24834,10732	20	
	50	9,69163,09794	3,72930	9,93992,28693	1,18875	9,75170,81101	4,91805	10,24829,18899	10	
27	0	9,69166,82724	3,72887	9,93991,09818	1,18889	9,75175,72906	4,91776	10,24824,27094	0	33
	10	9,69170,55611	3,72844	9,93989,90929	1,18902	9,75180,64682	4,91747	10,24819,35318	50	
	20	9,69174,28455	3,72803	9,93988,72027	1,18916	9,75185,56429	4,91718	10,24814,43571	40	
	30	9,69178,01258	3,72760	9,93987,53111	1,18929	9,75190,48147	4,91690	10,24809,51853	30	
	40	9,69181,74018	3,72719	9,93986,34182	1,18943	9,75195,39837	4,91661	10,24804,60163	20	
	50	9,69185,46737	3,72676	9,93985,15239	1,18956	9,75200,31498	4,91632	10,24799,68502	10	
28	0	9,69189,19413	3,72634	9,93983,96283	1,18970	9,75205,23130	4,91603	10,24794,76870	0	32
	10	9,69192,92047	3,72591	9,93982,77313	1,18983	9,75210,14733	4,91575	10,24789,85267	50	
	20	9,69196,64638	3,72550	9,93981,58330	1,18996	9,75215,06308	4,91546	10,24784,93692	40	
	30	9,69200,37188	3,72507	9,93980,39334	1,19010	9,75219,97854	4,91517	10,24780,02146	30	
	40	9,69204,09695	3,72465	9,93979,20324	1,19024	9,75224,89371	4,91489	10,24775,10629	20	
	50	9,69207,82160	3,72423	9,93978,01300	1,19037	9,75229,80860	4,91460	10,24770,19140	10	
29	0	9,69211,54583	3,72381	9,93976,82263	1,19050	9,75234,72320	4,91431	10,24765,27680	0	31
	10	9,69215,26964	3,72339	9,93975,63213	1,19064	9,75239,63751	4,91403	10,24760,36249	50	
	20	9,69218,99303	3,72296	9,93974,44149	1,19077	9,75244,55154	4,91374	10,24755,44846	40	
	30	9,69222,71599	3,72255	9,93973,25072	1,19091	9,75249,46528	4,91345	10,24750,53472	30	
	40	9,69226,43854	3,72212	9,93972,05981	1,19105	9,75254,37873	4,91317	10,24745,62127	20	
	50	9,69230,16066	3,72171	9,93970,86876	1,19117	9,75259,29190	4,91288	10,24740,70810	10	
30	0	9,69233,88237	3,72128	9,93969,67759	1,19132	9,75264,20478	4,91260	10,24735,79522	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,69233,88237		9,93969,67759		9,75264,20478		10,24735,79522	0	30
	10	9,69237,60365	3,72128	9,93968,48627	1,19132	9,75269,11738	4,91260	10,24730,88262	50	
	20	9,69241,32451	3,72086	9,93967,29483	1,19144	9,75274,02968	4,91230	10,24725,97032	40	
	30	9,69245,04495	3,72044	9,93966,10324	1,19159	9,75278,94171	4,91203	10,24721,05829	30	
	40	9,69248,76497	3,72002	9,93964,91153	1,19171	9,75283,85344	4,91173	10,24716,14656	20	
	50	9,69252,48457	3,71960	9,93963,71967	1,19186	9,75288,76489	4,91145	10,24711,23511	10	
31	0	9,69256,20375	3,71918	9,93962,52769	1,19198	9,75293,67606	4,91117	10,24706,32394	0	29
	10	9,69259,92250	3,71875	9,93961,33557	1,19212	9,75298,58694	4,91088	10,24701,41306	50	
	20	9,69263,64084	3,71834	9,93960,14331	1,19226	9,75303,49753	4,91059	10,24696,50247	40	
	30	9,69267,35876	3,71792	9,93958,95092	1,19239	9,75308,40784	4,91031	10,24691,59216	30	
	40	9,69271,07625	3,71749	9,93957,75839	1,19253	9,75313,31786	4,91002	10,24686,68214	20	
	50	9,69274,79333	3,71708	9,93956,56573	1,19266	9,75318,22760	4,90974	10,24681,77240	10	
32	0	9,69278,50998	3,71665	9,93955,37294	1,19279	9,75323,13705	4,90945	10,24676,86295	0	28
	10	9,69282,22622	3,71624	9,93954,18001	1,19293	9,75328,04621	4,90916	10,24671,95379	50	
	20	9,69285,94204	3,71582	9,93952,98694	1,19307	9,75332,95510	4,90889	10,24667,04490	40	
	30	9,69289,65743	3,71539	9,93951,79374	1,19320	9,75337,86369	4,90859	10,24662,13631	30	
	40	9,69293,37241	3,71498	9,93950,60041	1,19333	9,75342,77200	4,90831	10,24657,22800	20	
	50	9,69297,08696	3,71455	9,93949,40694	1,19347	9,75347,68003	4,90803	10,24652,31997	10	
33	0	9,69300,80110	3,71414	9,93948,21333	1,19361	9,75352,58777	4,90774	10,24647,41223	0	27
	10	9,69304,51482	3,71372	9,93947,01959	1,19374	9,75357,49523	4,90746	10,24642,50477	50	
	20	9,69308,22811	3,71329	9,93945,82572	1,19387	9,75362,40240	4,90717	10,24637,59760	40	
	30	9,69311,94099	3,71288	9,93944,63171	1,19401	9,75367,30928	4,90688	10,24632,69072	30	
	40	9,69315,65345	3,71246	9,93943,43756	1,19415	9,75372,21589	4,90661	10,24627,78411	20	
	50	9,69319,36549	3,71204	9,93942,24328	1,19428	9,75377,12220	4,90631	10,24622,87780	10	
34	0	9,69323,07711	3,71162	9,93941,04887	1,19441	9,75382,02824	4,90604	10,24617,97176	0	26
	10	9,69326,78831	3,71120	9,93939,85432	1,19455	9,75386,93399	4,90575	10,24613,06601	50	
	20	9,69330,49909	3,71078	9,93938,65964	1,19468	9,75391,83945	4,90546	10,24608,16055	40	
	30	9,69334,20945	3,71036	9,93937,46482	1,19482	9,75396,74463	4,90518	10,24603,25537	30	
	40	9,69337,91939	3,70994	9,93936,26986	1,19496	9,75401,64953	4,90490	10,24598,35047	20	
	50	9,69341,62892	3,70953	9,93935,07478	1,19508	9,75406,55414	4,90461	10,24593,44586	10	
35	0	9,69345,33802	3,70910	9,93933,87955	1,19523	9,75411,45847	4,90433	10,24588,54153	0	25
	10	9,69349,04671	3,70869	9,93932,68419	1,19536	9,75416,36251	4,90404	10,24583,63749	50	
	20	9,69352,75498	3,70827	9,93931,48870	1,19549	9,75421,26628	4,90377	10,24578,73372	40	
	30	9,69356,46282	3,70784	9,93930,29307	1,19563	9,75426,16975	4,90347	10,24573,83025	30	
	40	9,69360,17025	3,70743	9,93929,09731	1,19576	9,75431,07295	4,90320	10,24568,92705	20	
	50	9,69363,87727	3,70702	9,93927,90141	1,19590	9,75435,97586	4,90291	10,24564,02414	10	
36	0	9,69367,58386	3,70659	9,93926,70537	1,19604	9,75440,87848	4,90262	10,24559,12152	0	24
	10	9,69371,29003	3,70617	9,93925,50921	1,19616	9,75445,78083	4,90235	10,24554,21917	50	
	20	9,69374,99579	3,70576	9,93924,31290	1,19631	9,75450,68289	4,90206	10,24549,31711	40	
	30	9,69378,70113	3,70534	9,93923,11646	1,19644	9,75455,58467	4,90178	10,24544,41533	30	
	40	9,69382,40605	3,70492	9,93921,91989	1,19657	9,75460,48616	4,90149	10,24539,51384	20	
	50	9,69386,11055	3,70450	9,93920,72318	1,19671	9,75465,38737	4,90121	10,24534,61263	10	
37	0	9,69389,81463	3,70408	9,93919,52634	1,19684	9,75470,28830	4,90093	10,24529,71170	0	23
	10	9,69393,51830	3,70367	9,93918,32936	1,19698	9,75475,18894	4,90064	10,24524,81106	50	
	20	9,69397,22155	3,70325	9,93917,13224	1,19712	9,75480,08930	4,90036	10,24519,91070	40	
	30	9,69400,92438	3,70283	9,93915,93499	1,19725	9,75484,98938	4,90008	10,24515,01062	30	
	40	9,69404,62679	3,70241	9,93914,73761	1,19738	9,75489,88918	4,89980	10,24510,11082	20	
	50	9,69408,32878	3,70199	9,93913,54009	1,19752	9,75494,78869	4,89951	10,24505,21131	10	
38	0	9,69412,03036	3,70158	9,93912,34243	1,19766	9,75499,68793	4,89924	10,24500,31207	0	22
	10	9,69415,73152	3,70116	9,93911,14465	1,19778	9,75504,58688	4,89895	10,24495,41312	50	
	20	9,69419,43226	3,70074	9,93909,94672	1,19793	9,75509,48554	4,89866	10,24490,51446	40	
	30	9,69423,13259	3,70033	9,93908,74866	1,19806	9,75514,38393	4,89839	10,24485,61607	30	
	40	9,69426,83249	3,69990	9,93907,55047	1,19819	9,75519,28203	4,89810	10,24480,71797	20	
	50	9,69430,53198	3,69949	9,93906,35214	1,19833	9,75524,17985	4,89782	10,24475,82015	10	
39	0	9,69434,23106	3,69908	9,93905,15367	1,19847	9,75529,07739	4,89754	10,24470,92261	0	21
	10	9,69437,92971	3,69865	9,93904,95507	1,19860	9,75533,97464	4,89725	10,24466,02536	50	
	20	9,69441,62795	3,69824	9,93902,75633	1,19874	9,75538,87162	4,89698	10,24461,12838	40	
	30	9,69445,32577	3,69782	9,93901,55746	1,19887	9,75543,76831	4,89669	10,24456,23169	30	
	40	9,69449,02318	3,69741	9,93900,35846	1,19900	9,75548,66472	4,89641	10,24451,33528	20	
	50	9,69452,72017	3,69699	9,93899,15932	1,19914	9,75553,56085	4,89613	10,24446,43915	10	
40	0	9,69456,41674	3,69657	9,93897,96004	1,19928	9,75558,45670	4,89585	10,24441,54330	0	20
		Sin. Comple.	3,69615	SINVVM	1,19941	Tang. compl.	4,89556	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,69456,41674		9,93897,96004		9,75558,45670		10,24441,54330	0	20
	10	9,69460,11289	3,69615	9,93896,76063	1,19941	9,75563,35226	4,89556	10,24436,64774	50	
	20	9,69463,80863	3,69574	9,93895,56108	1,19955	9,75568,24755	4,89529	10,24431,75245	40	
	30	9,69467,50395	3,69532	9,93894,36140	1,19968	9,75573,14255	4,89500	10,24426,85745	30	
	40	9,69471,19886	3,69491	9,93893,16158	1,19982	9,75578,03728	4,89473	10,24421,96272	20	
	50	9,69474,89335	3,69449	9,93891,96163	1,19995	9,75582,93172	4,89444	10,24417,06828	10	
41	0	9,69478,58742	3,69407	9,93890,76154	1,20009	9,75587,82588	4,89416	10,24412,17412	0	19
			3,69365		1,20022		4,89388			
	10	9,69482,28107	3,69324	9,93889,56132	1,20036	9,75592,71976	4,89359	10,24407,28024	50	
	20	9,69485,97431	3,69283	9,93888,36096	1,20049	9,75597,61335	4,89332	10,24402,38665	40	
	30	9,69489,66714	3,69241	9,93887,16047	1,20063	9,75602,50667	4,89304	10,24397,49333	30	
	40	9,69493,35955	3,69199	9,93885,95984	1,20076	9,75607,39971	4,89275	10,24392,60029	20	
	50	9,69497,05154	3,69157	9,93884,75908	1,20090	9,75612,29246	4,89248	10,24387,70754	10	
42	0	9,69500,74311	3,69116	9,93883,55818	1,20104	9,75617,18494	4,89219	10,24382,81506	0	18
	10	9,69504,43427	3,69075	9,93882,35714	1,20117	9,75622,07713	4,89192	10,24377,92287	50	
	20	9,69508,12502	3,69033	9,93881,15597	1,20130	9,75626,96905	4,89163	10,24373,03095	40	
	30	9,69511,81535	3,68991	9,93879,95467	1,20144	9,75631,86068	4,89135	10,24368,13932	30	
	40	9,69515,50526	3,68950	9,93878,75323	1,20158	9,75636,75203	4,89108	10,24363,24797	20	
	50	9,69519,19476	3,68908	9,93877,55165	1,20171	9,75641,64311	4,89079	10,24358,35689	10	
43	0	9,69522,88384	3,68866	9,93876,34994	1,20185	9,75646,53390	4,89051	10,24353,46610	0	17
	10	9,69526,57250	3,68826	9,93875,14809	1,20198	9,75651,42441	4,89023	10,24348,57559	50	
	20	9,69530,26076	3,68783	9,93873,94611	1,20212	9,75656,31464	4,88996	10,24343,68536	40	
	30	9,69533,94859	3,68742	9,93872,74399	1,20225	9,75661,20460	4,88967	10,24338,79540	30	
	40	9,69537,63601	3,68701	9,93871,54174	1,20239	9,75666,09427	4,88939	10,24333,90573	20	
	50	9,69541,32302	3,68659	9,93870,33935	1,20252	9,75670,98366	4,88912	10,24329,01634	10	
44	0	9,69545,00961	3,68617	9,93869,13683	1,20266	9,75675,87278	4,88883	10,24324,12722	0	16
	10	9,69548,69578	3,68576	9,93867,93417	1,20279	9,75680,76161	4,88856	10,24319,23839	50	
	20	9,69552,38154	3,68535	9,93866,73138	1,20293	9,75685,65017	4,88827	10,24314,34983	40	
	30	9,69556,06689	3,68493	9,93865,52845	1,20307	9,75690,53844	4,88800	10,24309,46156	30	
	40	9,69559,75182	3,68452	9,93864,32538	1,20320	9,75695,42644	4,88771	10,24304,57356	20	
	50	9,69563,43634	3,68410	9,93863,12218	1,20333	9,75700,31415	4,88744	10,24299,68585	10	
45	0	9,69567,12044	3,68369	9,93861,91885	1,20347	9,75705,20159	4,88716	10,24294,79841	0	15
	10	9,69570,80413	3,68327	9,93860,71538	1,20361	9,75710,08875	4,88688	10,24289,91125	50	
	20	9,69574,48740	3,68286	9,93859,51177	1,20374	9,75714,97563	4,88660	10,24285,02437	40	
	30	9,69578,17026	3,68244	9,93858,30803	1,20388	9,75719,86223	4,88632	10,24280,13777	30	
	40	9,69581,85270	3,68203	9,93857,10415	1,20401	9,75724,74855	4,88604	10,24275,25145	20	
	50	9,69585,53473	3,68161	9,93855,90014	1,20415	9,75729,63459	4,88576	10,24270,36541	10	
46	0	9,69589,21634	3,68121	9,93854,69599	1,20428	9,75734,52035	4,88549	10,24265,47965	0	14
	10	9,69592,89755	3,68078	9,93853,49171	1,20442	9,75739,40584	4,88521	10,24260,59416	50	
	20	9,69596,57833	3,68038	9,93852,28729	1,20456	9,75744,29105	4,88492	10,24255,70895	40	
	30	9,69600,25871	3,67996	9,93851,08273	1,20469	9,75749,17597	4,88465	10,24250,82403	30	
	40	9,69603,93867	3,67954	9,93849,87804	1,20482	9,75754,06062	4,88437	10,24245,93938	20	
	50	9,69607,61821	3,67913	9,93848,67322	1,20496	9,75758,94499	4,88410	10,24241,05501	10	
47	0	9,69611,29734	3,67872	9,93847,46826	1,20510	9,75763,82909	4,88381	10,24236,17091	0	13
	10	9,69614,97606	3,67830	9,93846,26316	1,20523	9,75768,71290	4,88354	10,24231,28710	50	
	20	9,69618,65436	3,67789	9,93845,05793	1,20537	9,75773,59644	4,88325	10,24226,40356	40	
	30	9,69622,33225	3,67748	9,93843,85256	1,20550	9,75778,47969	4,88299	10,24221,52031	30	
	40	9,69626,00973	3,67706	9,93842,64706	1,20564	9,75783,36268	4,88270	10,24216,63732	20	
	50	9,69629,68679	3,67666	9,93841,44142	1,20578	9,75788,24538	4,88242	10,24211,75462	10	
48	0	9,69633,36345	3,67623	9,93840,23564	1,20591	9,75793,12780	4,88215	10,24206,87220	0	12
	10	9,69637,03968	3,67583	9,93839,02973	1,20604	9,75798,00995	4,88187	10,24201,99005	50	
	20	9,69640,71551	3,67541	9,93837,82369	1,20618	9,75802,89182	4,88159	10,24197,10818	40	
	30	9,69644,39092	3,67499	9,93836,61751	1,20632	9,75807,77341	4,88131	10,24192,22659	30	
	40	9,69648,06591	3,67459	9,93835,41119	1,20645	9,75812,65472	4,88104	10,24187,34528	20	
	50	9,69651,74050	3,67417	9,93834,20474	1,20659	9,75817,53576	4,88076	10,24182,46424	10	
49	0	9,69655,41467	3,67376	9,93832,99815	1,20672	9,75822,41652	4,88048	10,24177,58348	0	11
	10	9,69659,08843	3,67334	9,93831,79143	1,20686	9,75827,29700	4,88021	10,24172,70300	50	
	20	9,69662,76177	3,67294	9,93830,58457	1,20700	9,75832,17721	4,87992	10,24167,82279	40	
	30	9,69666,43471	3,67252	9,93829,37757	1,20713	9,75837,05713	4,87965	10,24162,94287	30	
	40	9,69670,10723	3,67210	9,93828,17044	1,20726	9,75841,93678	4,87938	10,24158,06322	20	
	50	9,69673,77933	3,67170	9,93826,96318	1,20741	9,75846,81616	4,87910	10,24153,18384	10	
50	0	9,69677,45103	3,67128	9,93825,75577	1,20753	9,75851,69526	4,87882	10,24148,30474	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,69677,45103		9,93825,75577		9,75851,69526		10,24148,30474	0	10
	10	9,69681,12231	3,67128	9,93824,54824	1,20753	9,75856,57408	4,87882	10,24143,42592	50	
	20	9,69684,79318	3,67087	9,93823,34056	1,20768	9,75861,45262	4,87854	10,24138,54738	40	
	30	9,69688,46364	3,67046	9,93822,13276	1,20780	9,75866,33088	4,87826	10,24133,66912	30	
	40	9,69692,13369	3,67005	9,93820,92481	1,20795	9,75871,20887	4,87799	10,24128,79113	20	
	50	9,69695,80332	3,66963	9,93819,71673	1,20808	9,75876,08659	4,87772	10,24123,91341	10	
51	0	9,69699,47254	3,66922	9,93818,50852	1,20821	9,75880,96403	4,87744	10,24119,03597	0	9
	10	9,69703,14135	3,66881	9,93817,30017	1,20835	9,75885,84119	4,87716	10,24114,15881	50	
	20	9,69706,80975	3,66840	9,93816,09168	1,20849	9,75890,71807	4,87688	10,24109,28193	40	
	30	9,69710,47773	3,66798	9,93814,88306	1,20862	9,75895,59468	4,87661	10,24104,40532	30	
	40	9,69714,14531	3,66758	9,93813,67430	1,20876	9,75900,47101	4,87633	10,24099,52899	20	
	50	9,69717,81247	3,66716	9,93812,46540	1,20890	9,75905,34707	4,87606	10,24094,65293	10	
52	0	9,69721,47922	3,66675	9,93811,25637	1,20903	9,75910,22285	4,87578	10,24089,77715	0	8
	10	9,69725,14556	3,66634	9,93810,04721	1,20916	9,75915,09835	4,87550	10,24084,90165	50	
	20	9,69728,81149	3,66593	9,93808,83791	1,20930	9,75919,97358	4,87523	10,24080,02642	40	
	30	9,69732,47700	3,66551	9,93807,62847	1,20944	9,75924,84853	4,87495	10,24075,15147	30	
	40	9,69736,14211	3,66511	9,93806,41890	1,20957	9,75929,72321	4,87468	10,24070,27679	20	
	50	9,69739,80680	3,66469	9,93805,20919	1,20971	9,75934,59761	4,87440	10,24065,40239	10	
53	0	9,69743,47108	3,66428	9,93803,99934	1,20985	9,75939,47174	4,87413	10,24060,52826	0	7
	10	9,69747,13495	3,66387	9,93802,78936	1,20998	9,75944,34559	4,87385	10,24055,65441	50	
	20	9,69750,79841	3,66346	9,93801,57925	1,21011	9,75949,21916	4,87357	10,24050,78084	40	
	30	9,69754,46146	3,66305	9,93800,36900	1,21025	9,75954,09246	4,87330	10,24045,90754	30	
	40	9,69758,12409	3,66263	9,93799,15861	1,21039	9,75958,96549	4,87303	10,24041,03451	20	
	50	9,69761,78632	3,66223	9,93797,94808	1,21053	9,75963,83824	4,87275	10,24036,16176	10	
54	0	9,69765,44814	3,66182	9,93796,73742	1,21066	9,75968,71071	4,87247	10,24031,28929	0	6
	10	9,69769,10954	3,66140	9,93795,52663	1,21079	9,75973,58291	4,87220	10,24026,41709	50	
	20	9,69772,77053	3,66099	9,93794,31570	1,21093	9,75978,45484	4,87193	10,24021,54516	40	
	30	9,69776,43112	3,66059	9,93793,10463	1,21107	9,75983,32649	4,87165	10,24016,67351	30	
	40	9,69780,09129	3,66017	9,93791,89343	1,21120	9,75988,19786	4,87137	10,24011,80214	20	
	50	9,69783,75105	3,65976	9,93790,68209	1,21134	9,75993,06896	4,87110	10,24006,93104	10	
55	0	9,69787,41040	3,65935	9,93789,47062	1,21147	9,75997,93979	4,87083	10,24002,06021	0	5
	10	9,69791,06934	3,65894	9,93788,25901	1,21161	9,76002,81034	4,87055	10,23997,18966	50	
	20	9,69794,72788	3,65854	9,93787,04726	1,21175	9,76007,68061	4,87027	10,23992,31939	40	
	30	9,69798,38600	3,65812	9,93785,83538	1,21188	9,76012,55062	4,87001	10,23987,44938	30	
	40	9,69802,04371	3,65771	9,93784,62336	1,21202	9,76017,42035	4,86973	10,23982,57965	20	
	50	9,69805,70101	3,65730	9,93783,41121	1,21215	9,76022,28980	4,86945	10,23977,71020	10	
56	0	9,69809,35790	3,65689	9,93782,19892	1,21229	9,76027,15898	4,86918	10,23972,84102	0	4
	10	9,69813,01438	3,65648	9,93780,98649	1,21243	9,76032,02789	4,86891	10,23967,97211	50	
	20	9,69816,67045	3,65607	9,93779,77393	1,21256	9,76036,89652	4,86863	10,23963,10348	40	
	30	9,69820,32611	3,65566	9,93778,56123	1,21270	9,76041,76488	4,86836	10,23958,23512	30	
	40	9,69823,98136	3,65525	9,93777,34840	1,21283	9,76046,63296	4,86808	10,23953,36704	20	
	50	9,69827,63620	3,65484	9,93776,13543	1,21297	9,76051,50077	4,86781	10,23948,49923	10	
57	0	9,69831,29063	3,65443	9,93774,92232	1,21311	9,76056,36831	4,86754	10,23943,63169	0	3
	10	9,69834,94465	3,65402	9,93773,70908	1,21324	9,76061,23557	4,86726	10,23938,76443	50	
	20	9,69838,59827	3,65362	9,93772,49571	1,21337	9,76066,10256	4,86699	10,23933,89744	40	
	30	9,69842,25147	3,65320	9,93771,28219	1,21352	9,76070,96928	4,86672	10,23929,03072	30	
	40	9,69845,90426	3,65279	9,93770,06854	1,21365	9,76075,83572	4,86644	10,23924,16428	20	
	50	9,69849,55665	3,65239	9,93768,85476	1,21378	9,76080,70189	4,86617	10,23919,29811	10	
58	0	9,69853,20862	3,65197	9,93767,64084	1,21392	9,76085,56779	4,86590	10,23914,43221	0	2
	10	9,69856,86019	3,65157	9,93766,42678	1,21406	9,76090,43341	4,86562	10,23909,56659	50	
	20	9,69860,51135	3,65116	9,93765,21259	1,21419	9,76095,29876	4,86535	10,23904,70124	40	
	30	9,69864,16209	3,65074	9,93763,99826	1,21433	9,76100,16384	4,86508	10,23899,83616	30	
	40	9,69867,81243	3,65034	9,93762,78379	1,21447	9,76105,02864	4,86480	10,23894,97136	20	
	50	9,69871,46236	3,64993	9,93761,56919	1,21460	9,76109,89317	4,86453	10,23890,10683	10	
59	0	9,69875,11189	3,64953	9,93760,35445	1,21474	9,76114,75743	4,86426	10,23885,24257	0	1
	10	9,69878,76100	3,64911	9,93759,13958	1,21487	9,76119,62142	4,86399	10,23880,37858	50	
	20	9,69882,40970	3,64870	9,93757,92457	1,21501	9,76124,48513	4,86371	10,23875,51487	40	
	30	9,69886,05800	3,64830	9,93756,70942	1,21515	9,76129,34857	4,86344	10,23870,65143	30	
	40	9,69889,70588	3,64788	9,93755,49414	1,21528	9,76134,21174	4,86317	10,23865,78826	20	
	50	9,69893,35336	3,64748	9,93754,27872	1,21542	9,76139,07464	4,86290	10,23860,92536	10	
60	0	9,69897,00043	3,64707	9,93753,06317	1,21555	9,76143,93726	4,86262	10,23856,06274	0	0
			3,64667		1,21569		4,86236			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,69897,00043		9,93753,06317		9,76143,93726		10,23856,06274	o	60
	10	9,69900,64710	3,64667	9,93751,84748	1,21569	9,76148,79962	4,86236	10,23851,20038	50	
	20	9,69904,29335	3,64625	9,93750,63165	1,21583	9,76153,66170	4,86208	10,23846,33830	40	
	30	9,69907,93919	3,64584	9,93749,41569	1,21596	9,76158,52350	4,86180	10,23841,47650	30	
	40	9,69911,58463	3,64544	9,93748,19959	1,21610	9,76163,38504	4,86154	10,23836,61496	20	
	50	9,69915,22966	3,64503	9,93746,98336	1,21623	9,76168,24630	4,86126	10,23831,75370	10	
1	0	9,69918,87428	3,64462	9,93745,76699	1,21637	9,76173,10729	4,86099	10,23826,89271	0	59
			3,64422		1,21651		4,86073			
	10	9,69922,51850	3,64380	9,93744,55048	1,21664	9,76177,96802	4,86044	10,23822,03198	50	
	20	9,69926,16230	3,64340	9,93743,33384	1,21678	9,76182,82846	4,86018	10,23817,17154	40	
	30	9,69929,80570	3,64300	9,93742,11706	1,21692	9,76187,68864	4,85991	10,23812,31136	30	
	40	9,69933,44869	3,64258	9,93740,90014	1,21705	9,76192,54855	4,85963	10,23807,45145	20	
	50	9,69937,09127	3,64218	9,93739,68309	1,21719	9,76197,40818	4,85936	10,23802,59182	10	
2	0	9,69940,73345	3,64176	9,93738,46590	1,21732	9,76202,26754	4,85909	10,23797,73246	0	58
			3,64136		1,21746		4,85882			
	10	9,69944,37521	3,64096	9,93737,24858	1,21760	9,76207,12663	4,85855	10,23792,87337	50	
	20	9,69948,01657	3,64054	9,93736,03112	1,21773	9,76211,98545	4,85828	10,23788,01455	40	
	30	9,69951,65753	3,64014	9,93734,81352	1,21787	9,76216,84400	4,85801	10,23783,15600	30	
	40	9,69955,29807	3,63973	9,93733,59579	1,21800	9,76221,70228	4,85773	10,23778,29772	20	
	50	9,69958,93821	3,63933	9,93732,37792	1,21814	9,76226,56029	4,85747	10,23773,43971	10	
3	0	9,69962,57794	3,63891	9,93731,15992	1,21828	9,76231,41802	4,85719	10,23768,58198	0	57
			3,63851		1,21842		4,85693			
	10	9,69966,21727	3,63811	9,93729,94178	1,21855	9,76236,27549	4,85665	10,23763,72451	50	
	20	9,69969,85618	3,63769	9,93728,72350	1,21868	9,76241,13268	4,85638	10,23758,86732	40	
	30	9,69973,49469	3,63729	9,93727,50508	1,21882	9,76245,98961	4,85611	10,23754,01039	30	
	40	9,69977,13280	3,63688	9,93726,28653	1,21896	9,76250,84626	4,85585	10,23749,15374	20	
	50	9,69980,77049	3,63648	9,93725,06785	1,21910	9,76255,70264	4,85557	10,23744,29736	10	
4	0	9,69984,40778	3,63607	9,93723,84903	1,21923	9,76260,55875	4,85530	10,23739,44125	0	56
			3,63566		1,21937		4,85503			
	10	9,69988,04466	3,63526	9,93722,63007	1,21950	9,76265,41460	4,85476	10,23734,58540	50	
	20	9,69991,68114	3,63485	9,93721,41097	1,21964	9,76270,27017	4,85449	10,23729,72983	40	
	30	9,69995,31721	3,63444	9,93720,19174	1,21978	9,76275,12547	4,85422	10,23724,87453	30	
	40	9,69998,95287	3,63404	9,93718,97237	1,21991	9,76279,98050	4,85395	10,23720,01950	20	
	50	9,70002,58813	3,63363	9,93717,75287	1,22005	9,76284,83526	4,85369	10,23715,16474	10	
5	0	9,70006,22298	3,63323	9,93716,53323	1,22019	9,76289,68975	4,85341	10,23710,31025	0	55
			3,63282		1,22032		4,85314			
	10	9,70009,85742	3,63241	9,93715,31345	1,22046	9,76294,54397	4,85287	10,23705,45603	50	
	20	9,70013,49146	3,63201	9,93714,09354	1,22059	9,76299,39792	4,85260	10,23700,60208	40	
	30	9,70017,12509	3,63160	9,93712,87349	1,22073	9,76304,25161	4,85234	10,23695,74839	30	
	40	9,70020,75832	3,63120	9,93711,65330	1,22087	9,76309,10502	4,85206	10,23690,89498	20	
	50	9,70024,39114	3,63079	9,93710,43298	1,22101	9,76313,95816	4,85180	10,23686,04184	10	
6	0	9,70028,02355	3,63039	9,93709,21252	1,22114	9,76318,81103	4,85152	10,23681,18897	0	54
			3,62998		1,22127		4,85126			
	10	9,70031,65556	3,62957	9,93707,99193	1,22142	9,76323,66363	4,85099	10,23676,33637	50	
	20	9,70035,28716	3,62917	9,93706,77120	1,22155	9,76328,51597	4,85072	10,23671,48403	40	
	30	9,70038,91836	3,62876	9,93705,55033	1,22168	9,76333,36803	4,85045	10,23666,63197	30	
	40	9,70042,54915	3,62836	9,93704,32932	1,22182	9,76338,21983	4,85018	10,23661,78017	20	
	50	9,70046,17954	3,62796	9,93703,10818	1,22196	9,76343,07135	4,84991	10,23656,92865	10	
7	0	9,70049,80952	3,62754	9,93701,88691	1,22210	9,76347,92261	4,84964	10,23652,07739	0	53
			3,62715		1,22223		4,84938			
	10	9,70053,43909	3,62673	9,93700,66549	1,22237	9,76352,77360	4,84910	10,23647,22640	50	
	20	9,70057,06826	3,62634	9,93699,44394	1,22251	9,76357,62432	4,84884	10,23642,37568	40	
	30	9,70060,69702	3,62593	9,93698,22226	1,22264	9,76362,47477	4,84857	10,23637,52523	30	
	40	9,70064,32538	3,62552	9,93697,00044	1,22277	9,76367,32495	4,84830	10,23632,67505	20	
	50	9,70067,95334	3,62512	9,93695,77848	1,22292	9,76372,17486	4,84804	10,23627,82514	10	
8	0	9,70071,58088	3,62471	9,93694,55638	1,22305	9,76377,02450	4,84776	10,23622,97550	0	52
			3,62431		1,22319		4,84750			
	10	9,70075,20803	3,62391	9,93693,33415	1,22332	9,76381,87388	4,84723	10,23618,12612	50	
	20	9,70078,83476	3,62350	9,93692,11178	1,22346	9,76386,72298	4,84696	10,23613,27702	40	
	30	9,70082,46110	3,62309	9,93690,88927	1,22360	9,76391,57182	4,84669	10,23608,42818	30	
	40	9,70086,08703	3,62270	9,93688,66663	1,22373	9,76396,42039	4,84643	10,23603,57961	20	
	50	9,70089,71255	3,62228	9,93688,44386	1,22387	9,76401,26869	4,84616	10,23598,73131	10	
9	0	9,70093,33767		9,93687,22094		9,76406,11673		10,23593,88327	0	51
	10	9,70096,96238		9,93685,99789		9,76410,96449		10,23589,03551	50	
	20	9,70100,58669		9,93684,77470		9,76415,81199		10,23584,18801	40	
	30	9,70104,21060		9,93683,55138		9,76420,65922		10,23579,34078	30	
	40	9,70107,83410		9,93682,32792		9,76425,50618		10,23574,49382	20	
	50	9,70111,45719		9,93681,10432		9,76430,35287		10,23569,64713	10	
10	0	9,70115,07989		9,93679,88059		9,76435,19930		10,23564,80070	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,70115,07989	3,62228	9,93679,88059	1,22387	9,76435,19930	4,84616	10,23564,80070	0	50
	10	9,70118,70217	3,62189	9,93678,65672	1,22401	9,76440,04546	4,84589	10,23559,95454	50	
	20	9,70122,32406	3,62148	9,93677,43271	1,22414	9,76444,89135	4,84562	10,23555,10865	40	
	30	9,70125,94554	3,62107	9,93676,20857	1,22428	9,76449,73697	4,84536	10,23550,26303	30	
	40	9,70129,56661	3,62067	9,93674,98429	1,22442	9,76454,58233	4,84509	10,23545,41767	20	
11	50	9,70133,18728	3,62027	9,93673,75987	1,22455	9,76459,42742	4,84482	10,23540,57258	10	49
	0	9,70136,80755	3,61987	9,93672,53532	1,22469	9,76464,27224	4,84455	10,23535,72776	0	
	10	9,70140,42742	3,61946	9,93671,31063	1,22483	9,76469,11679	4,84429	10,23530,88321	50	
	20	9,70144,04688	3,61905	9,93670,08580	1,22496	9,76473,96108	4,84402	10,23526,03892	40	
	30	9,70147,66593	3,61866	9,93668,86084	1,22510	9,76478,80510	4,84375	10,23521,19490	30	
	40	9,70151,28459	3,61824	9,93667,63574	1,22524	9,76483,64885	4,84348	10,23516,35115	20	
12	50	9,70154,90283	3,61785	9,93666,41050	1,22537	9,76488,49233	4,84322	10,23511,50767	10	48
	0	9,70158,52068	3,61744	9,93665,18513	1,22551	9,76493,33555	4,84296	10,23506,66445	0	
	10	9,70162,13812	3,61704	9,93663,95962	1,22565	9,76498,17851	4,84268	10,23501,82149	50	
	20	9,70165,75516	3,61664	9,93662,73397	1,22578	9,76503,02119	4,84242	10,23496,97881	40	
	30	9,70169,37180	3,61623	9,93661,50819	1,22592	9,76507,86361	4,84215	10,23492,13639	30	
	40	9,70172,98803	3,61583	9,93660,28227	1,22606	9,76512,70576	4,84189	10,23487,29424	20	
13	50	9,70176,60386	3,61543	9,93659,05621	1,22619	9,76517,54765	4,84162	10,23482,45235	10	47
	0	9,70180,21929	3,61502	9,93657,83002	1,22633	9,76522,38927	4,84135	10,23477,61073	0	
	10	9,70183,83431	3,61462	9,93656,60369	1,22647	9,76527,23062	4,84109	10,23472,76938	50	
	20	9,70187,44893	3,61422	9,93655,37722	1,22660	9,76532,07171	4,84082	10,23467,92829	40	
	30	9,70191,06315	3,61381	9,93654,15062	1,22674	9,76536,91253	4,84055	10,23463,08747	30	
	40	9,70194,67696	3,61341	9,93652,92388	1,22688	9,76541,75308	4,84029	10,23458,24692	20	
14	50	9,70198,29037	3,61301	9,93651,69700	1,22701	9,76546,59337	4,84002	10,23453,40663	10	46
	0	9,70201,90338	3,61261	9,93650,46999	1,22715	9,76551,43339	4,83976	10,23448,56661	0	
	10	9,70205,51599	3,61220	9,93649,24284	1,22729	9,76556,27315	4,83949	10,23443,72685	50	
	20	9,70209,12819	3,61180	9,93648,01555	1,22742	9,76561,11264	4,83922	10,23438,88736	40	
	30	9,70212,73999	3,61140	9,93646,78813	1,22756	9,76565,95186	4,83896	10,23434,04814	30	
	40	9,70216,35139	3,61100	9,93645,56057	1,22770	9,76570,79082	4,83870	10,23429,20918	20	
15	50	9,70219,96239	3,61059	9,93644,33287	1,22783	9,76575,62952	4,83843	10,23424,37048	10	45
	0	9,70223,57298	3,61019	9,93643,10504	1,22797	9,76580,46795	4,83816	10,23419,53205	0	
	10	9,70227,18317	3,60979	9,93641,87707	1,22811	9,76585,30611	4,83790	10,23414,69389	50	
	20	9,70230,79296	3,60939	9,93640,64896	1,22825	9,76590,14401	4,83763	10,23409,85599	40	
	30	9,70234,40235	3,60899	9,93639,42071	1,22838	9,76594,98164	4,83737	10,23405,01836	30	
	40	9,70238,01134	3,60858	9,93638,19233	1,22852	9,76599,81901	4,83710	10,23400,18099	20	
16	50	9,70241,61992	3,60818	9,93636,96381	1,22865	9,76604,65611	4,83683	10,23395,34389	10	44
	0	9,70245,22810	3,60778	9,93635,73516	1,22879	9,76609,49294	4,83658	10,23390,50706	0	
	10	9,70248,83588	3,60738	9,93634,50637	1,22893	9,76614,32952	4,83630	10,23385,67048	50	
	20	9,70252,44326	3,60698	9,93633,27744	1,22907	9,76619,16582	4,83604	10,23380,83418	40	
	30	9,70256,05024	3,60657	9,93632,04837	1,22920	9,76624,00186	4,83578	10,23375,99814	30	
	40	9,70259,65681	3,60618	9,93630,81917	1,22934	9,76628,83764	4,83552	10,23371,16236	20	
17	50	9,70263,26299	3,60577	9,93629,58983	1,22947	9,76633,67316	4,83524	10,23366,32684	10	43
	0	9,70266,86876	3,60537	9,93628,36036	1,22962	9,76638,50840	4,83499	10,23361,49160	0	
	10	9,70270,47413	3,60497	9,93627,13074	1,22975	9,76643,34339	4,83472	10,23356,65661	50	
	20	9,70274,07910	3,60457	9,93625,90099	1,22988	9,76648,17811	4,83445	10,23351,82189	40	
	30	9,70277,68367	3,60416	9,93624,67111	1,23003	9,76653,01256	4,83419	10,23346,98744	30	
	40	9,70281,28783	3,60377	9,93623,44108	1,23016	9,76657,84675	4,83393	10,23342,15325	20	
18	50	9,70284,89160	3,60336	9,93622,21092	1,23030	9,76662,68068	4,83366	10,23337,31932	10	42
	0	9,70288,49496	3,60297	9,93620,98062	1,23043	9,76667,51434	4,83340	10,23332,48566	0	
	10	9,70292,09793	3,60256	9,93619,75019	1,23057	9,76672,34774	4,83313	10,23327,65226	50	
	20	9,70295,70049	3,60216	9,93618,51962	1,23071	9,76677,18087	4,83287	10,23322,81913	40	
	30	9,70299,30265	3,60176	9,93617,28891	1,23084	9,76682,01374	4,83261	10,23317,98626	30	
	40	9,70302,90441	3,60136	9,93616,05807	1,23099	9,76686,84635	4,83234	10,23313,15365	20	
19	50	9,70306,50577	3,60096	9,93614,82708	1,23112	9,76691,67869	4,83208	10,23308,32131	10	41
	0	9,70310,10673	3,60056	9,93613,59596	1,23125	9,76696,51077	4,83181	10,23303,48923	0	
	10	9,70313,70729	3,60016	9,93612,36471	1,23140	9,76701,34258	4,83156	10,23298,65742	50	
	20	9,70317,30745	3,59976	9,93611,13331	1,23153	9,76706,17414	4,83128	10,23293,82586	40	
	30	9,70320,90721	3,59936	9,93609,90178	1,23166	9,76711,00542	4,83103	10,23288,99458	30	
	40	9,70324,50657	3,59895	9,93608,67012	1,23181	9,76715,83645	4,83076	10,23284,16355	20	
20	50	9,70328,10552	3,59856	9,93607,43831	1,23194	9,76720,66721	4,83050	10,23279,33279	10	40
	0	9,70331,70408	3,59816	9,93606,20637	1,23208	9,76725,49771	4,83023	10,23274,50229	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,70331,70408		9,93606,20637		9,76725,49771		10,23274,50229	0	40
	10	9,70335,30224	3,59816	9,93604,97429	1,23208	9,76730,32794	4,83023	10,23269,67206	50	
	20	9,70338,89999	3,59775	9,93603,74208	1,23221	9,76735,15791	4,82997	10,23264,84209	40	
	30	9,70342,49735	3,59736	9,93602,50973	1,23235	9,76739,98762	4,82971	10,23260,01238	30	
	40	9,70346,09430	3,59695	9,93601,27724	1,23249	9,76744,81707	4,82945	10,23255,18293	20	
	50	9,70349,69086	3,59656	9,93600,04461	1,23263	9,76749,64625	4,82918	10,23250,35375	10	
21	0	9,70353,28702	3,59616	9,93598,81185	1,23276	9,76754,47517	4,82892	10,23245,52483	0	39
	10	9,70356,88277	3,59575	9,93597,57895	1,23290	9,76759,30383	4,82866	10,23240,69617	50	
	20	9,70360,47813	3,59536	9,93596,34591	1,23304	9,76764,13222	4,82839	10,23235,86778	40	
	30	9,70364,07309	3,59496	9,93595,11273	1,23318	9,76768,96035	4,82813	10,23231,03965	30	
	40	9,70367,66764	3,59455	9,93593,87942	1,23331	9,76773,78822	4,82787	10,23226,21178	20	
	50	9,70371,26180	3,59416	9,93592,64597	1,23345	9,76778,61583	4,82761	10,23221,38417	10	
22	0	9,70374,85556	3,59376	9,93591,41239	1,23358	9,76783,44318	4,82735	10,23216,55682	0	38
	10	9,70378,44892	3,59336	9,93590,17866	1,23373	9,76788,27026	4,82708	10,23211,72974	50	
	20	9,70382,04188	3,59296	9,93588,94480	1,23386	9,76793,09708	4,82682	10,23206,90292	40	
	30	9,70385,63444	3,59256	9,93587,71080	1,23400	9,76797,92364	4,82656	10,23202,07636	30	
	40	9,70389,22660	3,59216	9,93586,47667	1,23413	9,76802,74993	4,82629	10,23197,25007	20	
	50	9,70392,81836	3,59176	9,93585,24240	1,23427	9,76807,57597	4,82604	10,23192,42403	10	
23	0	9,70396,40973	3,59137	9,93584,00799	1,23441	9,76812,40174	4,82577	10,23187,59826	0	37
	10	9,70400,00069	3,59096	9,93582,77344	1,23455	9,76817,22725	4,82551	10,23182,77275	50	
	20	9,70403,59126	3,59057	9,93581,53876	1,23468	9,76822,05250	4,82525	10,23177,94750	40	
	30	9,70407,18142	3,59016	9,93580,30394	1,23482	9,76826,87748	4,82498	10,23173,12252	30	
	40	9,70410,77119	3,58977	9,93579,06898	1,23496	9,76831,70221	4,82473	10,23168,29779	20	
	50	9,70414,36056	3,58937	9,93577,83389	1,23509	9,76836,52667	4,82446	10,23163,47333	10	
24	0	9,70417,94953	3,58897	9,93576,59865	1,23524	9,76841,35087	4,82420	10,23158,64913	0	36
	10	9,70421,53810	3,58857	9,93575,36329	1,23536	9,76846,17481	4,82394	10,23153,82519	50	
	20	9,70425,12627	3,58817	9,93574,12778	1,23551	9,76850,99849	4,82368	10,23149,00151	40	
	30	9,70428,71404	3,58777	9,93572,89213	1,23565	9,76855,82191	4,82342	10,23144,17809	30	
	40	9,70432,30142	3,58738	9,93571,65635	1,23578	9,76860,64507	4,82316	10,23139,35493	20	
	50	9,70435,88840	3,58698	9,93570,42044	1,23591	9,76865,46796	4,82289	10,23134,53204	10	
25	0	9,70439,47498	3,58658	9,93569,18438	1,23606	9,76870,29060	4,82264	10,23129,70940	0	35
	10	9,70443,06116	3,58618	9,93567,94819	1,23619	9,76875,11297	4,82237	10,23124,88703	50	
	20	9,70446,64694	3,58578	9,93566,71186	1,23633	9,76879,93508	4,82211	10,23120,06492	40	
	30	9,70450,23232	3,58538	9,93565,47539	1,23647	9,76884,75693	4,82185	10,23115,24307	30	
	40	9,70453,81731	3,58499	9,93564,23879	1,23660	9,76889,57852	4,82159	10,23110,42148	20	
	50	9,70457,40190	3,58459	9,93563,00204	1,23675	9,76894,39985	4,82133	10,23105,60015	10	
26	0	9,70460,98609	3,58419	9,93561,76516	1,23688	9,76899,22092	4,82107	10,23100,77908	0	34
	10	9,70464,56988	3,58379	9,93560,52815	1,23701	9,76904,04173	4,82081	10,23095,95827	50	
	20	9,70468,15328	3,58340	9,93559,29099	1,23716	9,76908,86228	4,82055	10,23091,13772	40	
	30	9,70471,73627	3,58299	9,93558,05370	1,23729	9,76913,68257	4,82029	10,23086,31743	30	
	40	9,70475,31887	3,58260	9,93556,81627	1,23743	9,76918,50260	4,82003	10,23081,49740	20	
	50	9,70478,90107	3,58220	9,93555,57871	1,23756	9,76923,32237	4,81977	10,23076,67763	10	
27	0	9,70482,48288	3,58181	9,93554,34101	1,23770	9,76928,14187	4,81950	10,23071,85813	0	33
	10	9,70486,06428	3,58140	9,93553,10316	1,23785	9,76932,96112	4,81925	10,23067,03888	50	
	20	9,70489,64529	3,58101	9,93551,86519	1,23797	9,76937,78011	4,81899	10,23062,21989	40	
	30	9,70493,22591	3,58062	9,93550,62707	1,23812	9,76942,59883	4,81872	10,23057,40117	30	
	40	9,70496,80612	3,58021	9,93549,38882	1,23825	9,76947,41730	4,81847	10,23052,58270	20	
	50	9,70500,38594	3,57982	9,93548,15043	1,23839	9,76952,23551	4,81821	10,23047,76449	10	
28	0	9,70503,96536	3,57942	9,93546,91190	1,23853	9,76957,05346	4,81795	10,23042,94654	0	32
	10	9,70507,54438	3,57902	9,93545,67324	1,23866	9,76961,87115	4,81769	10,23038,12885	50	
	20	9,70511,12301	3,57863	9,93544,43443	1,23881	9,76966,68858	4,81743	10,23033,31142	40	
	30	9,70514,70124	3,57823	9,93543,19550	1,23893	9,76971,50574	4,81716	10,23028,49426	30	
	40	9,70518,27907	3,57783	9,93541,95642	1,23908	9,76976,32265	4,81691	10,23023,67735	20	
	50	9,70521,85651	3,57744	9,93540,71720	1,23922	9,76981,13930	4,81665	10,23018,86070	10	
29	0	9,70525,43355	3,57704	9,93539,47785	1,23935	9,76985,95570	4,81640	10,23014,04430	0	31
	10	9,70529,01019	3,57664	9,93538,23836	1,23949	9,76990,77183	4,81613	10,23009,22817	50	
	20	9,70532,58644	3,57625	9,93536,99874	1,23962	9,76995,58770	4,81587	10,23004,41230	40	
	30	9,70536,16229	3,57585	9,93535,75897	1,23977	9,77000,40331	4,81561	10,22999,59669	30	
	40	9,70539,73774	3,57545	9,93534,51907	1,23990	9,77005,21867	4,81536	10,22994,78133	20	
	50	9,70543,31279	3,57505	9,93533,27903	1,24004	9,77010,03376	4,81509	10,22989,96624	10	
30	0	9,70546,88746	3,57467	9,93532,03885	1,24018	9,77014,84860	4,81484	10,22985,15140	0	30
		Sin. Comple.	3,57426	SINVVM	1,24031	Tang. compl.	4,81458	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,70546,88746	3,57426	9,93532,03885	1,24031	9,77014,84860	4,81458	10,22985,15140	0	30
31	10	9,70550,46172	3,57387	9,93530,79854	1,24045	9,77019,66318	4,81432	10,22980,33682	50	
	20	9,70554,03559	3,57347	9,93529,55809	1,24059	9,77024,47750	4,81406	10,22975,52250	40	
	30	9,70557,60906	3,57307	9,93528,31750	1,24073	9,77029,29156	4,81380	10,22970,70844	30	
	40	9,70561,18213	3,57268	9,93527,07677	1,24086	9,77034,10536	4,81355	10,22965,89464	20	
	50	9,70564,75481	3,57229	9,93525,83591	1,24101	9,77038,91891	4,81328	10,22961,08109	10	
32	0	9,70568,32710	3,57188	9,93524,59490	1,24113	9,77043,73219	4,81303	10,22956,26781	0	29
	10	9,70571,89898	3,57150	9,93523,35377	1,24128	9,77048,54522	4,81277	10,22951,45478	50	
	20	9,70575,47048	3,57109	9,93522,11249	1,24142	9,77053,35799	4,81251	10,22946,64201	40	
	30	9,70579,04157	3,57070	9,93520,87107	1,24155	9,77058,17050	4,81225	10,22941,82950	30	
	40	9,70582,61227	3,57031	9,93519,62952	1,24169	9,77062,98275	4,81200	10,22937,01725	20	
33	50	9,70586,18258	3,56991	9,93518,38783	1,24183	9,77067,79475	4,81173	10,22932,20525	10	28
	0	9,70589,75249	3,56951	9,93517,14600	1,24196	9,77072,60648	4,81148	10,22927,39352	0	
	10	9,70593,32200	3,56912	9,93515,90404	1,24210	9,77077,41796	4,81122	10,22922,58204	50	
	20	9,70596,89112	3,56872	9,93514,66194	1,24224	9,77082,22918	4,81096	10,22917,77082	40	
	30	9,70600,45984	3,56833	9,93513,41970	1,24238	9,77087,04014	4,81071	10,22912,95986	30	
34	40	9,70604,02817	3,56793	9,93512,17732	1,24252	9,77091,85085	4,81045	10,22908,14915	20	
	50	9,70607,59610	3,56754	9,93510,93480	1,24265	9,77096,66130	4,81019	10,22903,33870	10	
	0	9,70611,16364	3,56714	9,93509,69215	1,24279	9,77101,47149	4,80993	10,22898,52851	0	
	10	9,70614,73078	3,56675	9,93508,44936	1,24293	9,77106,28142	4,80968	10,22893,71858	50	
	20	9,70618,29753	3,56635	9,93507,20643	1,24306	9,77111,09110	4,80941	10,22888,90890	40	
35	30	9,70621,86388	3,56596	9,93505,96337	1,24321	9,77115,90051	4,80916	10,22884,09949	30	26
	40	9,70625,42984	3,56556	9,93504,72016	1,24334	9,77120,70967	4,80891	10,22879,29033	20	
	50	9,70628,99540	3,56517	9,93503,47682	1,24348	9,77125,51858	4,80864	10,22874,48142	10	
	0	9,70632,56057	3,56477	9,93502,23334	1,24361	9,77130,32722	4,80839	10,22869,67278	0	
	10	9,70636,12534	3,56438	9,93500,98973	1,24376	9,77135,13561	4,80814	10,22864,86439	50	
36	20	9,70639,68972	3,56398	9,93499,74597	1,24389	9,77139,94375	4,80787	10,22860,05625	40	
	30	9,70643,25370	3,56359	9,93498,50208	1,24403	9,77144,75162	4,80762	10,22855,24838	30	
	40	9,70646,81729	3,56320	9,93497,25805	1,24417	9,77149,55924	4,80736	10,22850,44076	20	
	50	9,70650,38049	3,56280	9,93496,01388	1,24430	9,77154,36660	4,80711	10,22845,63340	10	
	0	9,70653,94329	3,56240	9,93494,76958	1,24444	9,77159,17371	4,80685	10,22840,82629	0	25
37	10	9,70657,50569	3,56201	9,93493,52514	1,24458	9,77163,98056	4,80659	10,22836,01944	50	
	20	9,70661,06770	3,56162	9,93492,28056	1,24472	9,77168,78715	4,80633	10,22831,21285	40	
	30	9,70664,62932	3,56122	9,93491,03584	1,24486	9,77173,59348	4,80608	10,22826,40652	30	
	40	9,70668,19054	3,56083	9,93489,79098	1,24499	9,77178,39956	4,80583	10,22821,60044	20	
	50	9,70671,75137	3,56044	9,93488,54599	1,24513	9,77183,20539	4,80556	10,22816,79461	10	
38	0	9,70675,31181	3,56004	9,93487,30086	1,24527	9,77188,01095	4,80531	10,22811,98905	0	24
	10	9,70678,87185	3,55965	9,93486,05559	1,24541	9,77192,81626	4,80506	10,22807,18374	50	
	20	9,70682,43150	3,55925	9,93484,81018	1,24555	9,77197,62132	4,80480	10,22802,37868	40	
	30	9,70685,99075	3,55886	9,93483,56463	1,24568	9,77202,42612	4,80454	10,22797,57388	30	
	40	9,70689,54961	3,55847	9,93482,31895	1,24582	9,77207,23066	4,80429	10,22792,76934	20	
39	50	9,70693,10808	3,55807	9,93481,07313	1,24596	9,77212,03495	4,80403	10,22787,96505	10	23
	0	9,70696,66615	3,55768	9,93479,82717	1,24609	9,77216,83898	4,80377	10,22783,16102	0	
	10	9,70700,22383	3,55729	9,93478,58108	1,24624	9,77221,64275	4,80352	10,22778,35725	50	
	20	9,70703,78112	3,55689	9,93477,33484	1,24637	9,77226,44627	4,80327	10,22773,55373	40	
	30	9,70707,33801	3,55650	9,93476,08847	1,24651	9,77231,24954	4,80301	10,22768,75046	30	
40	40	9,70710,89451	3,55610	9,93474,84196	1,24665	9,77236,05255	4,80275	10,22763,94745	20	22
	50	9,70714,45061	3,55571	9,93473,59531	1,24678	9,77240,85530	4,80250	10,22759,14470	10	
	0	9,70718,00632	3,55532	9,93472,34853	1,24693	9,77245,65780	4,80224	10,22754,34220	0	
	10	9,70721,56164	3,55493	9,93471,10160	1,24706	9,77250,46004	4,80199	10,22749,53996	50	
	20	9,70725,11657	3,55453	9,93469,85454	1,24720	9,77255,26203	4,80173	10,22744,73797	40	
41	30	9,70728,67110	3,55414	9,93468,60734	1,24733	9,77260,06376	4,80148	10,22739,93624	30	21
	40	9,70732,22524	3,55375	9,93467,36001	1,24748	9,77264,86524	4,80122	10,22735,13476	20	
	50	9,70735,77899	3,55335	9,93466,11253	1,24761	9,77269,66646	4,80097	10,22730,33354	10	
	0	9,70739,33234	3,55297	9,93464,86492	1,24775	9,77274,46743	4,80071	10,22725,53257	0	
	10	9,70742,88531	3,55256	9,93463,61717	1,24789	9,77279,26814	4,80046	10,22720,73186	50	
42	20	9,70746,43787	3,55218	9,93462,36928	1,24803	9,77284,06860	4,80020	10,22715,93140	40	
	30	9,70749,99005	3,55178	9,93461,12125	1,24816	9,77288,86880	4,79995	10,22711,13120	30	
	40	9,70753,54183	3,55139	9,93459,87309	1,24831	9,77293,66875	4,79969	10,22706,33125	20	
	50	9,70757,09322	3,55100	9,93458,62478	1,24844	9,77298,46844	4,79944	10,22701,53156	10	
	0	9,70760,64422	3,55061	9,93457,37634	1,24857	9,77303,26788	4,79918	10,22696,73212	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,70760,64422		9,93457,37634		9,77303,26788		10,22696,73212	0	20
	10	9,70764,19483	3,55061	9,93456,12777	1,24857	9,77308,06706	4,79918	10,22691,93294	50	
	20	9,70767,74504	3,55021	9,93454,87905	1,24872	9,77312,86599	4,79893	10,22687,13401	40	
	30	9,70771,29486	3,54982	9,93453,63019	1,24886	9,77317,66467	4,79868	10,22682,33533	30	
	40	9,70774,84429	3,54943	9,93452,38120	1,24899	9,77322,46309	4,79842	10,22677,53691	20	
	50	9,70778,39333	3,54904	9,93451,13207	1,24913	9,77327,26126	4,79817	10,22672,73874	10	
41	0	9,70781,94198	3,54865	9,93449,88280	1,24927	9,77332,05917	4,79791	10,22667,94083	0	19
	10	9,70785,49023	3,54825	9,93448,63340	1,24940	9,77336,85683	4,79766	10,22663,14317	50	
	20	9,70789,03809	3,54786	9,93447,38385	1,24955	9,77341,65424	4,79741	10,22658,34576	40	
	30	9,70792,58556	3,54747	9,93446,13417	1,24968	9,77346,45139	4,79715	10,22653,54861	30	
	40	9,70796,13264	3,54708	9,93444,88435	1,24982	9,77351,24829	4,79690	10,22648,75171	20	
	50	9,70799,67932	3,54668	9,93443,63439	1,24996	9,77356,04493	4,79664	10,22643,95507	10	
42	0	9,70803,22562	3,54630	9,93442,38429	1,25010	9,77360,84132	4,79639	10,22639,15868	0	18
	10	9,70806,77152	3,54590	9,93441,13406	1,25023	9,77365,63746	4,79614	10,22634,36254	50	
	20	9,70810,31703	3,54551	9,93439,88369	1,25037	9,77370,43334	4,79588	10,22629,56666	40	
	30	9,70813,86215	3,54512	9,93438,63318	1,25051	9,77375,22897	4,79563	10,22624,77103	30	
	40	9,70817,40688	3,54473	9,93437,38253	1,25065	9,77380,02435	4,79538	10,22619,97565	20	
	50	9,70820,95121	3,54433	9,93436,13174	1,25079	9,77384,81948	4,79513	10,22615,18052	10	
43	0	9,70824,49516	3,54395	9,93434,88081	1,25093	9,77389,61435	4,79487	10,22610,38565	0	17
	10	9,70828,03871	3,54355	9,93433,62975	1,25106	9,77394,40896	4,79461	10,22605,59104	50	
	20	9,70831,58188	3,54317	9,93432,37855	1,25120	9,77399,20333	4,79437	10,22600,79667	40	
	30	9,70835,12465	3,54277	9,93431,12721	1,25134	9,77403,99744	4,79411	10,22596,00256	30	
	40	9,70838,66703	3,54238	9,93429,87573	1,25148	9,77408,79130	4,79386	10,22591,20870	20	
	50	9,70842,20902	3,54199	9,93428,62412	1,25161	9,77413,58490	4,79360	10,22586,41510	10	
44	0	9,70845,75062	3,54160	9,93427,37236	1,25176	9,77418,37826	4,79336	10,22581,62174	0	16
	10	9,70849,29183	3,54121	9,93426,12047	1,25189	9,77423,17136	4,79310	10,22576,82864	50	
	20	9,70852,83264	3,54081	9,93424,86844	1,25203	9,77427,96420	4,79284	10,22572,03580	40	
	30	9,70856,37307	3,54043	9,93423,61627	1,25217	9,77432,75680	4,79260	10,22567,24320	30	
	40	9,70859,91311	3,54004	9,93422,36396	1,25231	9,77437,54914	4,79234	10,22562,45086	20	
	50	9,70863,45275	3,53964	9,93421,11152	1,25244	9,77442,34123	4,79209	10,22557,65877	10	
45	0	9,70866,99201	3,53926	9,93419,85894	1,25258	9,77447,13307	4,79184	10,22552,86693	0	15
	10	9,70870,53087	3,53886	9,93418,60622	1,25272	9,77451,92465	4,79158	10,22548,07535	50	
	20	9,70874,06934	3,53847	9,93417,35336	1,25286	9,77456,71599	4,79134	10,22543,28401	40	
	30	9,70877,60743	3,53809	9,93416,10036	1,25300	9,77461,50707	4,79108	10,22538,49293	30	
	40	9,70881,14512	3,53769	9,93414,84722	1,25314	9,77466,29790	4,79083	10,22533,70210	20	
	50	9,70884,68242	3,53730	9,93413,59395	1,25327	9,77471,08847	4,79057	10,22528,91153	10	
46	0	9,70888,21934	3,53692	9,93412,34054	1,25341	9,77475,87880	4,79033	10,22524,12120	0	14
	10	9,70891,75586	3,53652	9,93411,08698	1,25356	9,77480,66887	4,79007	10,22519,33113	50	
	20	9,70895,29199	3,53613	9,93409,83330	1,25368	9,77485,45869	4,78982	10,22514,54131	40	
	30	9,70898,82773	3,53574	9,93408,57947	1,25383	9,77490,24826	4,78957	10,22509,75174	30	
	40	9,70902,36309	3,53536	9,93407,32550	1,25397	9,77495,03758	4,78932	10,22504,96242	20	
	50	9,70905,89805	3,53496	9,93406,07140	1,25410	9,77499,82665	4,78907	10,22500,17335	10	
47	0	9,70909,43262	3,53457	9,93404,81716	1,25424	9,77504,61547	4,78882	10,22495,38453	0	13
	10	9,70912,96680	3,53418	9,93403,56278	1,25438	9,77509,40403	4,78856	10,22490,59597	50	
	20	9,70916,50060	3,53380	9,93402,30826	1,25452	9,77514,19234	4,78831	10,22485,80766	40	
	30	9,70920,03400	3,53340	9,93401,05360	1,25466	9,77518,98040	4,78806	10,22481,01960	30	
	40	9,70923,56702	3,53302	9,93399,79880	1,25480	9,77523,76821	4,78781	10,22476,23179	20	
	50	9,70927,09964	3,53262	9,93398,54387	1,25493	9,77528,55577	4,78756	10,22471,44423	10	
48	0	9,70930,63188	3,53224	9,93397,28880	1,25507	9,77533,34308	4,78731	10,22466,65692	0	12
	10	9,70934,16372	3,53184	9,93396,03359	1,25521	9,77538,13014	4,78706	10,22461,86986	50	
	20	9,70937,69518	3,53146	9,93394,77824	1,25535	9,77542,91694	4,78680	10,22457,08306	40	
	30	9,70941,22625	3,53107	9,93393,52275	1,25549	9,77547,70350	4,78656	10,22452,29650	30	
	40	9,70944,75693	3,53068	9,93392,26713	1,25562	9,77552,48980	4,78630	10,22447,51020	20	
	50	9,70948,28722	3,53029	9,93391,01136	1,25577	9,77557,27586	4,78606	10,22442,72414	10	
49	0	9,70951,81712	3,52990	9,93389,75546	1,25590	9,77562,06166	4,78580	10,22437,93834	0	11
	10	9,70955,34663	3,52951	9,93388,49942	1,25604	9,77566,84721	4,78555	10,22433,15279	50	
	20	9,70958,87575	3,52912	9,93387,24324	1,25618	9,77571,63251	4,78530	10,22428,36749	40	
	30	9,70962,40449	3,52874	9,93385,98692	1,25632	9,77576,41756	4,78505	10,22423,58244	30	
	40	9,70965,93283	3,52834	9,93384,73047	1,25645	9,77581,20237	4,78481	10,22418,79763	20	
	50	9,70969,46079	3,52796	9,93383,47387	1,25660	9,77585,98692	4,78455	10,22414,01308	10	
50	0	9,70972,98836	3,52757	9,93382,21714	1,25673	9,77590,77122	4,78430	10,22409,22878	0	10
		Sin. Comple.	3,52718	SINVVM	1,25687	Tang. compl.	4,78405	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,70972,98836	3,52718	9,93382,21714	1,25687	9,77590,77122	4,78405	10,22409,22878	0	10
	10	9,70976,51554	3,52679	9,93380,96027	1,25701	9,77595,55527	4,78380	10,22404,44473	50	
	20	9,70980,04233	3,52640	9,93379,70326	1,25715	9,77600,33907	4,78355	10,22399,66093	40	
	30	9,70983,56873	3,52601	9,93378,44611	1,25729	9,77605,12262	4,78330	10,22394,87738	30	
	40	9,70987,09474	3,52563	9,93377,18882	1,25742	9,77609,90592	4,78305	10,22390,09408	20	
	50	9,70990,62037	3,52524	9,93375,93140	1,25756	9,77614,68897	4,78280	10,22385,31103	10	
51	0	9,70994,14561	3,52485	9,93374,67384	1,25771	9,77619,47177	4,78255	10,22380,52823	0	9
	10	9,70997,67046	3,52446	9,93373,41613	1,25784	9,77624,25432	4,78231	10,22375,74568	50	
	20	9,71001,19492	3,52407	9,93372,15829	1,25798	9,77629,03663	4,78205	10,22370,96337	40	
	30	9,71004,71899	3,52369	9,93370,90031	1,25811	9,77633,81868	4,78180	10,22366,18132	30	
	40	9,71008,24268	3,52329	9,93369,64220	1,25826	9,77638,60048	4,78155	10,22361,39952	20	
	50	9,71011,76597	3,52291	9,93368,38394	1,25840	9,77643,38203	4,78131	10,22356,61797	10	
52	0	9,71015,28888	3,52252	9,93367,12554	1,25853	9,77648,16334	4,78105	10,22351,83666	0	8
	10	9,71018,81140	3,52214	9,93365,86701	1,25867	9,77652,94439	4,78081	10,22347,05561	50	
	20	9,71022,33354	3,52174	9,93364,60834	1,25881	9,77657,72520	4,78055	10,22342,27480	40	
	30	9,71025,85528	3,52136	9,93363,34953	1,25895	9,77662,50575	4,78031	10,22337,49425	30	
	40	9,71029,37664	3,52097	9,93362,09058	1,25909	9,77667,28606	4,78006	10,22332,71394	20	
	50	9,71032,89761	3,52059	9,93360,83149	1,25922	9,77672,06612	4,77981	10,22327,93388	10	
53	0	9,71036,41820	3,52019	9,93359,57227	1,25937	9,77676,84593	4,77956	10,22323,15407	0	7
	10	9,71039,93839	3,51981	9,93358,31290	1,25950	9,77681,62549	4,77931	10,22318,37451	50	
	20	9,71043,45820	3,51942	9,93357,05340	1,25964	9,77686,40480	4,77906	10,22313,59520	40	
	30	9,71046,97762	3,51903	9,93355,79376	1,25978	9,77691,18386	4,77882	10,22308,81614	30	
	40	9,71050,49665	3,51865	9,93354,53398	1,25992	9,77695,96268	4,77857	10,22304,03732	20	
	50	9,71054,01530	3,51826	9,93353,27406	1,26006	9,77700,74125	4,77831	10,22299,25875	10	
54	0	9,71057,53356	3,51787	9,93352,01400	1,26020	9,77705,51956	4,77807	10,22294,48044	0	6
	10	9,71061,05143	3,51749	9,93350,75380	1,26033	9,77710,29763	4,77782	10,22289,70237	50	
	20	9,71064,56892	3,51710	9,93349,49347	1,26048	9,77715,07545	4,77757	10,22284,92455	40	
	30	9,71068,08602	3,51671	9,93348,23299	1,26061	9,77719,85302	4,77733	10,22280,14698	30	
	40	9,71071,60273	3,51632	9,93346,97238	1,26075	9,77724,63035	4,77707	10,22275,36965	20	
	50	9,71075,11905	3,51594	9,93345,71163	1,26089	9,77729,40742	4,77683	10,22270,59258	10	
55	0	9,71078,63499	3,51555	9,93344,45074	1,26103	9,77734,18425	4,77658	10,22265,81575	0	5
	10	9,71082,15054	3,51517	9,93343,18971	1,26117	9,77738,96083	4,77633	10,22261,03917	50	
	20	9,71085,66571	3,51478	9,93341,92854	1,26130	9,77743,73716	4,77609	10,22256,26284	40	
	30	9,71089,18049	3,51439	9,93340,66724	1,26145	9,77748,51325	4,77583	10,22251,48675	30	
	40	9,71092,69488	3,51400	9,93339,40579	1,26158	9,77753,28908	4,77559	10,22246,71092	20	
	50	9,71096,20888	3,51362	9,93338,14421	1,26172	9,77758,06467	4,77534	10,22241,93533	10	
56	0	9,71099,72250	3,51323	9,93336,88249	1,26186	9,77762,84001	4,77510	10,22237,15999	0	4
	10	9,71103,23573	3,51285	9,93335,62063	1,26200	9,77767,61511	4,77484	10,22232,38489	50	
	20	9,71106,74858	3,51246	9,93334,35863	1,26214	9,77772,38995	4,77460	10,22227,61005	40	
	30	9,71110,26104	3,51208	9,93333,09649	1,26228	9,77777,16455	4,77435	10,22222,83545	30	
	40	9,71113,77312	3,51168	9,93331,83421	1,26241	9,77781,93890	4,77411	10,22218,06110	20	
	50	9,71117,28480	3,51131	9,93330,57180	1,26256	9,77786,71301	4,77385	10,22213,28699	10	
57	0	9,71120,79611	3,51091	9,93329,30924	1,26269	9,77791,48686	4,77361	10,22208,51314	0	3
	10	9,71124,30702	3,51053	9,93328,04655	1,26283	9,77796,26047	4,77337	10,22203,73953	50	
	20	9,71127,81755	3,51015	9,93326,78372	1,26298	9,77801,03384	4,77311	10,22198,96616	40	
	30	9,71131,32770	3,50975	9,93325,52074	1,26310	9,77805,80695	4,77287	10,22194,19305	30	
	40	9,71134,83745	3,50938	9,93324,25764	1,26325	9,77810,57982	4,77262	10,22189,42018	20	
	50	9,71138,34683	3,50898	9,93322,99439	1,26339	9,77815,35244	4,77238	10,22184,64756	10	
58	0	9,71141,85581	3,50861	9,93321,73100	1,26353	9,77820,12482	4,77212	10,22179,87518	0	2
	10	9,71145,36442	3,50821	9,93320,46747	1,26366	9,77824,89694	4,77188	10,22175,10306	50	
	20	9,71148,87263	3,50783	9,93319,20381	1,26381	9,77829,66882	4,77164	10,22170,33118	40	
	30	9,71152,38046	3,50745	9,93317,94000	1,26394	9,77834,44046	4,77139	10,22165,55954	30	
	40	9,71155,88791	3,50706	9,93316,67606	1,26408	9,77839,21185	4,77114	10,22160,78815	20	
	50	9,71159,39497	3,50667	9,93315,41198	1,26422	9,77843,98299	4,77090	10,22156,01701	10	
59	0	9,71162,90164	3,50629	9,93314,14776	1,26436	9,77848,75389	4,77064	10,22151,24611	0	1
	10	9,71166,40793	3,50591	9,93312,88340	1,26450	9,77853,52453	4,77041	10,22146,47547	50	
	20	9,71169,91384	3,50552	9,93311,61890	1,26464	9,77858,29494	4,77015	10,22141,70506	40	
	30	9,71173,41936	3,50513	9,93310,35426	1,26477	9,77863,06509	4,76991	10,22136,93491	30	
	40	9,71176,92449	3,50475	9,93309,08949	1,26492	9,77867,83500	4,76967	10,22132,16500	20	
	50	9,71180,42924	3,50437	9,93307,82457	1,26505	9,77872,60467	4,76942	10,22127,39533	10	
60	0	9,71183,93361	3,50398	9,93306,55952	1,26520	9,77877,37409	4,76917	10,22122,62591	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,71183,93361		9,93306,55952		9,77877,37409		10,22122,62591	0	60
	10	9,71187,43759	3,50398	9,93305,29432	1,26520	9,77882,14326	4,76917	10,22117,85674	50	
	20	9,71190,94118	3,50359	9,93304,02899	1,26533	9,77886,91219	4,76893	10,22113,08781	40	
	30	9,71194,44439	3,50321	9,93302,76352	1,26547	9,77891,68087	4,76868	10,22108,31913	30	
	40	9,71197,94722	3,50283	9,93301,49791	1,26561	9,77896,44930	4,76843	10,22103,55070	20	
	50	9,71201,44966	3,50244	9,93300,23216	1,26575	9,77901,21749	4,76819	10,22098,78251	10	
1	0	9,71204,95171	3,50205	9,93298,96628	1,26588	9,77905,98544	4,76795	10,22094,01456	0	59
			3,50168		1,26603		4,76770			
	10	9,71208,45339	3,50128	9,93297,70025	1,26617	9,77910,75314	4,76745	10,22089,24686	50	
	20	9,71211,95467	3,50091	9,93296,43408	1,26630	9,77915,52059	4,76721	10,22084,47941	40	
	30	9,71215,45558	3,50052	9,93295,16778	1,26644	9,77920,28780	4,76696	10,22079,71220	30	
	40	9,71218,95610	3,50013	9,93293,90134	1,26659	9,77925,05476	4,76672	10,22074,94524	20	
	50	9,71222,45623	3,49975	9,93292,63475	1,26672	9,77929,82148	4,76647	10,22070,17852	10	
2	0	9,71225,95598	3,49937	9,93291,36803	1,26686	9,77934,58795	4,76623	10,22065,41205	0	58
			3,49898		1,26700		4,76598			
	10	9,71229,45535	3,49860	9,93288,83417	1,26714	9,77944,12016	4,76574	10,22055,87984	40	
	20	9,71232,95433	3,49822	9,93287,56703	1,26728	9,77948,88590	4,76549	10,22051,11410	30	
	30	9,71236,45293	3,49783	9,93286,29975	1,26741	9,77953,65139	4,76525	10,22046,34861	20	
	40	9,71239,95115	3,49744	9,93285,03234	1,26756	9,77958,41664	4,76500	10,22041,58336	10	
	50	9,71243,44898	3,49707	9,93283,76478	1,26769	9,77963,18164	4,76476	10,22036,81836	0	57
3	0	9,71246,94642	3,49668	9,93282,49709	1,26784	9,77967,94640	4,76452	10,22032,05360	50	
			3,49629		1,26797		4,76427			
	10	9,71250,44349	3,49592	9,93281,22925	1,26811	9,77972,71092	4,76402	10,22027,28908	40	
	20	9,71253,94017	3,49553	9,93279,96128	1,26826	9,77977,47519	4,76378	10,22022,52481	30	
	30	9,71257,43646	3,49514	9,93278,69317	1,26839	9,77982,23921	4,76354	10,22017,76079	20	
	40	9,71260,93238	3,49477	9,93277,42491	1,26853	9,77987,00299	4,76329	10,22012,99701	10	
	50	9,71264,42791	3,49438	9,93276,15652	1,26867	9,77991,76653	4,76305	10,22008,23347	0	56
4	0	9,71267,92305	3,49399	9,93274,88799	1,26880	9,77996,52982	4,76281	10,22003,47018	50	
			3,49361		1,26895		4,76256			
	10	9,71271,41782	3,49323	9,93273,61932	1,26909	9,78001,29287	4,76231	10,21998,70713	40	
	20	9,71274,91220	3,49285	9,93272,35052	1,26922	9,78006,05568	4,76207	10,21993,94432	30	
	30	9,71278,40619	3,49247	9,93271,08157	1,26937	9,78010,81824	4,76183	10,21989,18176	20	
	40	9,71281,89980	3,49208	9,93269,81248	1,26950	9,78015,58055	4,76159	10,21984,41945	10	
	50	9,71285,39303	3,49170	9,93268,54326	1,26964	9,78020,34262	4,76134	10,21979,65738	0	55
5	0	9,71288,88588	3,49131	9,93267,27389	1,26979	9,78025,10445	4,76110	10,21974,89555	50	
			3,49093		1,26992		4,76085			
	10	9,71292,37835	3,49055	9,93266,00439	1,27006	9,78029,86604	4,76061	10,21970,13396	40	
	20	9,71295,87043	3,49017	9,93264,73475	1,27020	9,78034,62738	4,76037	10,21965,37262	30	
	30	9,71299,36213	3,48979	9,93263,46496	1,27034	9,78039,38848	4,76012	10,21960,61152	20	
	40	9,71302,85344	3,48940	9,93262,19504	1,27048	9,78044,14933	4,75988	10,21955,85067	10	
	50	9,71306,34437	3,48902	9,93260,92498	1,27061	9,78048,90994	4,75964	10,21951,09006	0	54
6	0	9,71309,83492	3,48864	9,93259,65478	1,27076	9,78053,67031	4,75940	10,21946,32969	50	
			3,48825		1,27090		4,75915			
	10	9,71313,32509	3,48788	9,93258,38444	1,27103	9,78058,43043	4,75891	10,21941,56957	40	
	20	9,71316,81488	3,48749	9,93257,11396	1,27118	9,78063,19031	4,75866	10,21936,80969	30	
	30	9,71320,30428	3,48711	9,93255,84335	1,27131	9,78067,94995	4,75843	10,21932,05005	20	
	40	9,71323,79330	3,48672	9,93254,57259	1,27145	9,78072,70935	4,75818	10,21927,29065	10	
	50	9,71327,28194	3,48635	9,93253,30169	1,27160	9,78077,46850	4,75793	10,21922,53150	0	53
7	0	9,71330,77019	3,48596	9,93252,03066	1,27173	9,78082,22741	4,75768	10,21917,77259	50	
			3,48558		1,27187		4,75743			
	10	9,71334,25807	3,48520	9,93250,75948	1,27201	9,78086,98607	4,75721	10,21913,01393	40	
	20	9,71337,74556	3,48482	9,93249,48817	1,27215	9,78091,74450	4,75697	10,21908,25550	30	
	30	9,71341,23267	3,48444	9,93248,21672	1,27229	9,78096,50268	4,75672	10,21903,49732	20	
	40	9,71344,71939	3,48405	9,93246,94512	1,27243	9,78101,26061	4,75649	10,21898,73939	10	
	50	9,71348,20574	3,48367	9,93245,67339	1,27257	9,78106,01831	4,75624	10,21893,98169	0	52
8	0	9,71351,69170	3,48329	9,93244,40152	1,27270	9,78110,77576	4,75600	10,21889,22424	50	
			3,48291		1,27285		4,75575			
	10	9,71355,17728	3,48253	9,93243,12951	1,27299	9,78115,53297	4,75552	10,21884,46703	40	
	20	9,71358,66248	3,48215	9,93241,85736	1,27312	9,78120,28994	4,75527	10,21879,71006	30	
	30	9,71362,14730	3,48177	9,93240,58507	1,27327	9,78125,04666	4,75503	10,21874,95334	20	
	40	9,71365,63174	3,48138	9,93239,31264	1,27340	9,78129,80315	4,75479	10,21870,19685	10	
	50	9,71369,11579	3,48100	9,93238,04007	1,27355	9,78134,55939	4,75455	10,21865,44061	0	51
9	0	9,71372,59946		9,93236,76737		9,78139,31539		10,21860,68461	50	
				9,93235,49452		9,78144,07114		10,21855,92886	40	
	10	9,71376,08275		9,93234,22153		9,78148,82666		10,21851,17334	30	
	20	9,71379,56566		9,93232,94841		9,78153,58193		10,21846,41807	20	
	30	9,71383,04819		9,93231,67514		9,78158,33696		10,21841,66304	10	
	40	9,71386,53034		9,93230,40174		9,78163,09175		10,21836,90825	0	50
	50	9,71390,01211								
10	0	9,71393,49349								
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,71393,49349	3,48100	9,93230,40174	1,27355	9,78163,09175	4,75455	10,21836,90825	0	50
	10	9,71396,97449	3,48063	9,93229,12819	1,27368	9,78167,84630	4,75431	10,21832,15370	50	
	20	9,71400,45512	3,48024	9,93227,85451	1,27382	9,78172,60061	4,75406	10,21827,39939	40	
	30	9,71403,93536	3,47986	9,93226,58069	1,27396	9,78177,35467	4,75382	10,21822,64533	30	
	40	9,71407,41522	3,47948	9,93225,30673	1,27410	9,78182,10849	4,75358	10,21817,89151	20	
	50	9,71410,89470	3,47910	9,93224,03263	1,27425	9,78186,86207	4,75334	10,21813,13793	10	
11	0	9,71414,37380	3,47872	9,93222,75838	1,27438	9,78191,61541	4,75310	10,21808,38459	0	49
	10	9,71417,85252	3,47833	9,93221,48400	1,27452	9,78196,36851	4,75286	10,21803,63149	50	
	20	9,71421,33085	3,47796	9,93220,20948	1,27466	9,78201,12137	4,75262	10,21798,87863	40	
	30	9,71424,80881	3,47758	9,93218,93482	1,27479	9,78205,87399	4,75237	10,21794,12601	30	
	40	9,71428,28639	3,47719	9,93217,66003	1,27494	9,78210,62636	4,75214	10,21789,37364	20	
	50	9,71431,76358	3,47682	9,93216,38509	1,27508	9,78215,37850	4,75189	10,21784,62150	10	
12	0	9,71435,24040	3,47643	9,93215,11001	1,27522	9,78220,13039	4,75165	10,21779,86961	0	48
	10	9,71438,71683	3,47606	9,93213,83479	1,27535	9,78224,88204	4,75141	10,21775,11796	50	
	20	9,71442,19289	3,47567	9,93212,55944	1,27550	9,78229,63345	4,75117	10,21770,36655	40	
	30	9,71445,66856	3,47530	9,93211,28394	1,27564	9,78234,38462	4,75093	10,21765,61538	30	
	40	9,71449,14386	3,47491	9,93210,00830	1,27577	9,78239,13555	4,75069	10,21760,86445	20	
	50	9,71452,61877	3,47453	9,93208,73253	1,27592	9,78243,88624	4,75045	10,21756,11376	10	
13	0	9,71456,09330	3,47416	9,93207,45661	1,27605	9,78248,63669	4,75021	10,21751,36331	0	47
	10	9,71459,56746	3,47377	9,93206,18056	1,27620	9,78253,38690	4,74997	10,21746,61310	50	
	20	9,71463,04123	3,47340	9,93204,90436	1,27633	9,78258,13687	4,74973	10,21741,86313	40	
	30	9,71466,51463	3,47301	9,93203,62803	1,27647	9,78262,88660	4,74949	10,21737,11340	30	
	40	9,71469,98764	3,47264	9,93202,35156	1,27662	9,78267,63609	4,74924	10,21732,36391	20	
	50	9,71473,46028	3,47225	9,93201,07494	1,27675	9,78272,38533	4,74901	10,21727,61467	10	
14	0	9,71476,93253	3,47188	9,93199,79819	1,27689	9,78277,13434	4,74877	10,21722,86566	0	46
	10	9,71480,40441	3,47149	9,93198,52130	1,27703	9,78281,88311	4,74853	10,21718,11689	50	
	20	9,71483,87590	3,47112	9,93197,24427	1,27718	9,78286,63164	4,74828	10,21713,36836	40	
	30	9,71487,34702	3,47073	9,93195,96709	1,27731	9,78291,37992	4,74805	10,21708,62008	30	
	40	9,71490,81775	3,47036	9,93194,68978	1,27745	9,78296,12797	4,74781	10,21703,87203	20	
	50	9,71494,28811	3,46998	9,93193,41233	1,27759	9,78300,87578	4,74757	10,21699,12422	10	
15	0	9,71497,75809	3,46960	9,93192,13474	1,27773	9,78305,62335	4,74733	10,21694,37665	0	45
	10	9,71501,22769	3,46922	9,93190,85701	1,27787	9,78310,37068	4,74708	10,21689,62932	50	
	20	9,71504,69691	3,46884	9,93189,57914	1,27801	9,78315,11776	4,74685	10,21684,88224	40	
	30	9,71508,16575	3,46846	9,93188,30113	1,27815	9,78319,86461	4,74661	10,21680,13539	30	
	40	9,71511,63421	3,46808	9,93187,02298	1,27829	9,78324,61122	4,74637	10,21675,38878	20	
	50	9,71515,10229	3,46770	9,93185,74469	1,27842	9,78329,35759	4,74614	10,21670,64241	10	
16	0	9,71518,56999	3,46732	9,93184,46627	1,27857	9,78334,10373	4,74589	10,21665,89627	0	44
	10	9,71522,03731	3,46695	9,93183,18770	1,27871	9,78338,84962	4,74565	10,21661,15038	50	
	20	9,71525,50426	3,46657	9,93181,90899	1,27885	9,78343,59527	4,74542	10,21656,40473	40	
	30	9,71528,97083	3,46618	9,93180,63014	1,27899	9,78348,34069	4,74517	10,21651,65931	30	
	40	9,71532,43701	3,46581	9,93179,35115	1,27912	9,78353,08586	4,74494	10,21646,91414	20	
	50	9,71535,90282	3,46543	9,93178,07203	1,27927	9,78357,83080	4,74469	10,21642,16920	10	
17	0	9,71539,36825	3,46505	9,93176,79276	1,27941	9,78362,57549	4,74446	10,21637,42451	0	43
	10	9,71542,83330	3,46468	9,93175,51335	1,27954	9,78367,31995	4,74422	10,21632,68005	50	
	20	9,71546,29798	3,46429	9,93174,23381	1,27969	9,78372,06417	4,74398	10,21627,93583	40	
	30	9,71549,76227	3,46392	9,93172,95412	1,27983	9,78376,80815	4,74374	10,21623,19185	30	
	40	9,71553,22619	3,46354	9,93171,67429	1,27996	9,78381,55189	4,74351	10,21618,44811	20	
	50	9,71556,68973	3,46316	9,93170,39433	1,28011	9,78386,29540	4,74326	10,21613,70460	10	
18	0	9,71560,15289	3,46278	9,93169,11422	1,28024	9,78391,03866	4,74303	10,21608,96134	0	42
	10	9,71563,61567	3,46240	9,93167,83398	1,28039	9,78395,78169	4,74279	10,21604,21831	50	
	20	9,71567,07807	3,46203	9,93166,55359	1,28052	9,78400,52448	4,74255	10,21599,47552	40	
	30	9,71570,54010	3,46164	9,93165,27307	1,28067	9,78405,26703	4,74231	10,21594,73297	30	
	40	9,71574,00174	3,46127	9,93163,99240	1,28080	9,78410,00934	4,74208	10,21589,99066	20	
	50	9,71577,46301	3,46089	9,93162,71160	1,28095	9,78414,75142	4,74183	10,21585,24858	10	
19	0	9,71580,92390	3,46052	9,93161,43065	1,28108	9,78419,49325	4,74160	10,21580,50675	0	41
	10	9,71584,38442	3,46013	9,93160,14957	1,28123	9,78424,23485	4,74136	10,21575,76515	50	
	20	9,71587,84455	3,45976	9,93158,86834	1,28136	9,78428,97621	4,74112	10,21571,02379	40	
	30	9,71591,30431	3,45938	9,93157,58698	1,28151	9,78433,71733	4,74089	10,21566,28267	30	
	40	9,71594,76369	3,45900	9,93156,30547	1,28164	9,78438,45822	4,74064	10,21561,54178	20	
	50	9,71598,22269	3,45863	9,93155,02383	1,28179	9,78443,19886	4,74041	10,21556,80114	10	
20	0	9,71601,68132	3,45825	9,93153,74204	1,28192	9,78447,93927	4,74017	10,21552,06073	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,71601,68132		9,93153,74204		9,78447,93927		10,21552,06073	0	40
	10	9,71605,13957	3,45825	9,93152,46012	1,28192	9,78452,67944	4,74017	10,21547,32056	50	
	20	9,71608,59744	3,45787	9,93151,17806	1,28206	9,78457,41938	4,73994	10,21542,58062	40	
	30	9,71612,05493	3,45749	9,93149,89585	1,28221	9,78462,15908	4,73970	10,21537,84092	30	
	40	9,71615,51204	3,45711	9,93148,61351	1,28234	9,78466,89853	4,73945	10,21533,10147	20	
	50	9,71618,96878	3,45674	9,93147,33103	1,28248	9,78471,63776	4,73923	10,21528,36224	10	
21	0	9,71622,42514	3,45636	9,93146,04840	1,28263	9,78476,37674	4,73898	10,21523,62326	0	39
			3,45599		1,28276		4,73875			
	10	9,71625,88113	3,45560	9,93144,76564	1,28291	9,78481,11549	4,73851	10,21518,88451	50	
	20	9,71629,33673	3,45523	9,93143,48273	1,28304	9,78485,85400	4,73827	10,21514,14600	40	
	30	9,71632,79196	3,45486	9,93142,19969	1,28318	9,78490,59227	4,73804	10,21509,40773	30	
	40	9,71636,24682		9,93140,91651	1,28333	9,78495,33031	4,73780	10,21504,66969	20	
	50	9,71639,70129	3,45447	9,93139,63318	1,28346	9,78500,06811	4,73756	10,21499,93189	10	
22	0	9,71643,15539	3,45410	9,93138,34972	1,28360	9,78504,80567	4,73733	10,21495,19433	0	38
			3,45372							
	10	9,71646,60911	3,45335	9,93137,06612	1,28375	9,78509,54300	4,73709	10,21490,45700	50	
	20	9,71650,06246	3,45297	9,93135,78237	1,28388	9,78514,28009	4,73685	10,21485,71991	40	
	30	9,71653,51543	3,45259	9,93134,49849	1,28402	9,78519,01694	4,73662	10,21480,98306	30	
	40	9,71656,96802	3,45222	9,93133,21447	1,28417	9,78523,75356	4,73638	10,21476,24644	20	
	50	9,71660,42024	3,45184	9,93131,93030	1,28430	9,78528,48994	4,73614	10,21471,51006	10	
23	0	9,71663,87208	3,45146	9,93130,64600	1,28445	9,78533,22608	4,73591	10,21466,77392	0	37
			3,45109							
	10	9,71667,32354	3,45071	9,93129,36155	1,28458	9,78537,96199	4,73567	10,21462,03801	50	
	20	9,71670,77463	3,45033	9,93128,07697	1,28472	9,78542,69766	4,73543	10,21457,30234	40	
	30	9,71674,22534	3,44996	9,93126,79225	1,28487	9,78547,43309	4,73520	10,21452,56691	30	
	40	9,71677,67567	3,44958	9,93125,50738	1,28500	9,78552,16829	4,73496	10,21447,83171	20	
	50	9,71681,12563	3,44921	9,93124,22238	1,28515	9,78556,90325	4,73473	10,21443,09675	10	
24	0	9,71684,57521	3,44883	9,93122,93723	1,28528	9,78561,63798	4,73449	10,21438,36202	0	36
			3,44845							
	10	9,71688,02442	3,44808	9,93121,65195	1,28542	9,78566,37247	4,73425	10,21433,62753	50	
	20	9,71691,47325	3,44770	9,93120,36653	1,28557	9,78571,10672	4,73402	10,21428,89328	40	
	30	9,71694,92170	3,44733	9,93119,08096	1,28570	9,78575,84074	4,73378	10,21424,15926	30	
	40	9,71698,36978	3,44695	9,93117,79526	1,28585	9,78580,57452	4,73355	10,21419,42548	20	
	50	9,71701,81748	3,44658	9,93116,50941	1,28598	9,78585,30807	4,73331	10,21414,69193	10	
25	0	9,71705,26481	3,44620	9,93115,22343	1,28613	9,78590,04138	4,73308	10,21409,95862	0	35
			3,44582							
	10	9,71708,71176	3,44545	9,93113,93730	1,28626	9,78594,77446	4,73284	10,21405,22554	50	
	20	9,71712,15834	3,44507	9,93112,65104	1,28641	9,78599,50730	4,73261	10,21400,49270	40	
	30	9,71715,60454	3,44470	9,93111,36463	1,28655	9,78604,23991	4,73237	10,21395,76009	30	
	40	9,71719,05036	3,44432	9,93110,07808	1,28668	9,78608,97228	4,73213	10,21391,02772	20	
	50	9,71722,49581	3,44395	9,93108,79140	1,28683	9,78613,70441	4,73190	10,21386,29559	10	
26	0	9,71725,94088	3,44357	9,93107,50457	1,28696	9,78618,43631	4,73166	10,21381,56369	0	34
			3,44320							
	10	9,71729,38558	3,44282	9,93106,21761	1,28711	9,78623,16797	4,73143	10,21376,83203	50	
	20	9,71732,82990	3,44245	9,93104,93050	1,28725	9,78627,89940	4,73120	10,21372,10060	40	
	30	9,71736,27385	3,44207	9,93103,64325	1,28739	9,78632,63060	4,73096	10,21367,36940	30	
	40	9,71739,71742	3,44170	9,93102,35586	1,28752	9,78637,36156	4,73072	10,21362,63844	20	
	50	9,71743,16062	3,44132	9,93101,06834	1,28767	9,78642,09228	4,73049	10,21357,90772	10	
27	0	9,71746,60344	3,44095	9,93099,78067	1,28781	9,78646,82277	4,73026	10,21353,17723	0	33
			3,44057							
	10	9,71750,04589	3,44020	9,93098,49286	1,28795	9,78651,55303	4,73002	10,21348,44697	50	
	20	9,71753,48796	3,43983	9,93097,20491	1,28808	9,78656,28305	4,72978	10,21343,71695	40	
	30	9,71756,92966	3,43945	9,93095,91683	1,28823	9,78661,01283	4,72955	10,21338,98717	30	
	40	9,71760,37098	3,43907	9,93094,62860	1,28837	9,78665,74238	4,72932	10,21334,25762	20	
	50	9,71763,81193	3,43870	9,93093,34023	1,28851	9,78670,47170	4,72908	10,21329,52830	10	
28	0	9,71767,25250	3,43833	9,93092,05172	1,28865	9,78675,20078	4,72885	10,21324,79922	0	32
			3,43795							
	10	9,71770,69270	3,43758	9,93090,76307	1,28879	9,78679,92963	4,72862	10,21320,07037	50	
	20	9,71774,13253	3,43720	9,93089,47428	1,28893	9,78684,65825	4,72838	10,21315,34175	40	
	30	9,71777,57198	3,43683	9,93088,18535	1,28907	9,78689,38663	4,72814	10,21310,61337	30	
	40	9,71781,01105	3,43646	9,93086,89628	1,28921	9,78694,11477	4,72791	10,21305,88523	20	
	50	9,71784,44975	3,43608	9,93085,60707	1,28935	9,78698,84268	4,72768	10,21301,15732	10	
29	0	9,71787,88808	3,43571	9,93084,31772	1,28950	9,78703,57036	4,72745	10,21296,42964	0	31
	10	9,71791,32603		9,93083,02822	1,28963	9,78708,29781	4,72721	10,21291,70219	50	
	20	9,71794,76361		9,93081,73859	1,28977	9,78713,02502	4,72697	10,21286,97498	40	
	30	9,71798,20081		9,93080,44882	1,28991	9,78717,75199	4,72674	10,21282,24801	30	
	40	9,71801,63764		9,93079,15891	1,29006	9,78722,47873	4,72651	10,21277,52127	20	
	50	9,71805,07410		9,93077,86885	1,29019	9,78727,20524	4,72628	10,21272,79476	10	
30	0	9,71808,51018		9,93076,57866	1,29033	9,78731,93152	4,72604	10,21268,06848	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,71808,51018		9,93076,57866		9,78731,93152		10,21268,06848	0	30
	10	9,71811,94589	3,43571	9,93075,28833	1,29033	9,78736,65756	4,72604	10,21263,34244	50	
	20	9,71815,38122	3,43533	9,93073,99785	1,29048	9,78741,38337	4,72581	10,21258,61663	40	
	30	9,71818,81618	3,43496	9,93072,70724	1,29061	9,78746,10894	4,72557	10,21253,89106	30	
	40	9,71822,25077	3,43459	9,93071,41648	1,29076	9,78750,83429	4,72535	10,21249,16571	20	
	50	9,71825,68498	3,43421	9,93070,12559	1,29089	9,78755,55939	4,72510	10,21244,44061	10	
31	0	9,71829,11882	3,43384	9,93068,83455	1,29104	9,78760,28427	4,72488	10,21239,71573	0	29
	10	9,71832,55229	3,43347	9,93067,54337	1,29118	9,78765,00891	4,72464	10,21234,99109	50	
	20	9,71835,98538	3,43309	9,93066,25206	1,29131	9,78769,73332	4,72441	10,21230,26668	40	
	30	9,71839,41810	3,43272	9,93064,96060	1,29146	9,78774,45750	4,72418	10,21225,54250	30	
	40	9,71842,85044	3,43234	9,93063,66900	1,29160	9,78779,18144	4,72394	10,21220,81856	20	
	50	9,71846,28241	3,43197	9,93062,37726	1,29174	9,78783,90515	4,72371	10,21216,09485	10	
32	0	9,71849,71401	3,43160	9,93061,08538	1,29188	9,78788,62863	4,72348	10,21211,37137	0	28
	10	9,71853,14524	3,43123	9,93059,79336	1,29202	9,78793,35187	4,72324	10,21206,64813	50	
	20	9,71856,57609	3,43085	9,93058,50120	1,29216	9,78798,07489	4,72302	10,21201,92511	40	
	30	9,71860,00657	3,43048	9,93057,20890	1,29230	9,78802,79767	4,72278	10,21197,20233	30	
	40	9,71863,43668	3,43011	9,93055,91646	1,29244	9,78807,52021	4,72254	10,21192,47979	20	
	50	9,71866,86641	3,42973	9,93054,62388	1,29258	9,78812,24253	4,72232	10,21187,75747	10	
33	0	9,71870,29577	3,42936	9,93053,33116	1,29272	9,78816,96461	4,72208	10,21183,03539	0	27
	10	9,71873,72476	3,42899	9,93052,03830	1,29286	9,78821,68646	4,72185	10,21178,31354	50	
	20	9,71877,15337	3,42861	9,93050,74529	1,29301	9,78826,40808	4,72162	10,21173,59192	40	
	30	9,71880,58162	3,42825	9,93049,45215	1,29314	9,78831,12947	4,72139	10,21168,87053	30	
	40	9,71884,00949	3,42787	9,93048,15886	1,29329	9,78835,85062	4,72115	10,21164,14938	20	
	50	9,71887,43698	3,42749	9,93046,86544	1,29342	9,78840,57154	4,72092	10,21159,42846	10	
34	0	9,71890,86411	3,42713	9,93045,57187	1,29357	9,78845,29223	4,72069	10,21154,70777	0	26
	10	9,71894,29086	3,42675	9,93044,27817	1,29370	9,78850,01269	4,72046	10,21149,98731	50	
	20	9,71897,71724	3,42638	9,93042,98432	1,29385	9,78854,73292	4,72023	10,21145,26708	40	
	30	9,71901,14324	3,42600	9,93041,69033	1,29399	9,78859,45291	4,71999	10,21140,54709	30	
	40	9,71904,56888	3,42564	9,93040,39620	1,29413	9,78864,17267	4,71976	10,21135,82733	20	
	50	9,71907,99414	3,42526	9,93039,10194	1,29426	9,78868,89221	4,71954	10,21131,10779	10	
35	0	9,71911,41903	3,42489	9,93037,80753	1,29441	9,78873,61151	4,71930	10,21126,38849	0	25
	10	9,71914,84355	3,42452	9,93036,51298	1,29455	9,78878,33057	4,71906	10,21121,66943	50	
	20	9,71918,26770	3,42415	9,93035,21829	1,29469	9,78883,04941	4,71884	10,21116,95059	40	
	30	9,71921,69147	3,42377	9,93033,92345	1,29484	9,78887,76802	4,71861	10,21112,23198	30	
	40	9,71925,11487	3,42340	9,93032,62848	1,29497	9,78892,48639	4,71837	10,21107,51361	20	
	50	9,71928,53790	3,42303	9,93031,33337	1,29511	9,78897,20453	4,71814	10,21102,79547	10	
36	0	9,71931,96056	3,42266	9,93030,03811	1,29526	9,78901,92245	4,71792	10,21098,07755	0	24
	10	9,71935,38285	3,42229	9,93028,74272	1,29539	9,78906,64013	4,71768	10,21093,35987	50	
	20	9,71938,80476	3,42191	9,93027,44719	1,29553	9,78911,35758	4,71745	10,21088,64242	40	
	30	9,71942,22631	3,42155	9,93026,15151	1,29568	9,78916,07480	4,71722	10,21083,92520	30	
	40	9,71945,64748	3,42117	9,93024,85569	1,29582	9,78920,79178	4,71698	10,21079,20822	20	
	50	9,71949,06828	3,42080	9,93023,55974	1,29595	9,78925,50854	4,71676	10,21074,49146	10	
37	0	9,71952,48870	3,42042	9,93022,26364	1,29610	9,78930,22507	4,71653	10,21069,77493	0	23
	10	9,71955,90876	3,42006	9,93020,96740	1,29624	9,78934,94136	4,71629	10,21065,05864	50	
	20	9,71959,32845	3,41969	9,93019,67102	1,29638	9,78939,65743	4,71607	10,21060,34257	40	
	30	9,71962,74776	3,41931	9,93018,37450	1,29652	9,78944,37326	4,71583	10,21055,62674	30	
	40	9,71966,16670	3,41894	9,93017,07784	1,29666	9,78949,08887	4,71561	10,21050,91113	20	
	50	9,71969,58528	3,41858	9,93015,78104	1,29680	9,78953,80424	4,71537	10,21046,19576	10	
38	0	9,71973,00348	3,41820	9,93014,48409	1,29695	9,78958,51938	4,71514	10,21041,48062	0	22
	10	9,71976,42131	3,41783	9,93013,18701	1,29708	9,78963,23430	4,71492	10,21036,76570	50	
	20	9,71979,83877	3,41746	9,93011,88979	1,29722	9,78967,94898	4,71468	10,21032,05102	40	
	30	9,71983,25585	3,41708	9,93010,59242	1,29737	9,78972,66343	4,71445	10,21027,33657	30	
	40	9,71986,67257	3,41672	9,93009,29491	1,29751	9,78977,37766	4,71423	10,21022,62234	20	
	50	9,71990,08892	3,41635	9,93007,99727	1,29764	9,78982,09165	4,71399	10,21017,90835	10	
39	0	9,71993,50489	3,41597	9,93006,69948	1,29779	9,78986,80541	4,71376	10,21013,19459	0	21
	10	9,71996,92050	3,41561	9,93005,40155	1,29793	9,78991,51894	4,71353	10,21008,48106	50	
	20	9,72000,33573	3,41523	9,93004,10348	1,29807	9,78996,23225	4,71331	10,21003,76775	40	
	30	9,72003,75059	3,41486	9,93002,80527	1,29821	9,79000,94532	4,71307	10,20999,05468	30	
	40	9,72007,16508	3,41449	9,93001,50692	1,29835	9,79005,65816	4,71284	10,20994,34184	20	
	50	9,72010,57921	3,41413	9,93000,20843	1,29849	9,79010,37078	4,71262	10,20989,62922	10	
40	0	9,72013,99296	3,41375	9,92998,90979	1,29864	9,79015,08316	4,71238	10,20984,91684	0	20
		Sin. Comple.	3,41338	SINVVM	1,29877	Tang. compl.	4,71216	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,72013,99296		9,92998,90979		9,79015,08316		10,20984,91684	0	20
	10	9,72017,40634	3,41338	9,92997,61102	1,29877	9,79019,79532	4,71216	10,20980,20468	50	
	20	9,72020,81935	3,41301	9,92996,31211	1,29891	9,79024,50724	4,71192	10,20975,49276	40	
	30	9,72024,23199	3,41264	9,92995,01305	1,29906	9,79029,21894	4,71170	10,20970,78106	30	
	40	9,72027,64426	3,41227	9,92993,71385	1,29920	9,79033,93041	4,71147	10,20966,06959	20	
	50	9,72031,05616	3,41190	9,92992,41452	1,29933	9,79038,64165	4,71124	10,20961,35835	10	
41	0	9,72034,46769	3,41153	9,92991,11504	1,29948	9,79043,35265	4,71100	10,20956,64735	0	19
	10	9,72037,87885	3,41116	9,92989,81542	1,29962	9,79048,06343	4,71078	10,20951,93657	50	
	20	9,72041,28964	3,41079	9,92988,51566	1,29976	9,79052,77398	4,71055	10,20947,22602	40	
	30	9,72044,70006	3,41042	9,92987,21576	1,29990	9,79057,48431	4,71033	10,20942,51569	30	
	40	9,72048,11011	3,41005	9,92985,91571	1,30005	9,79062,19440	4,71009	10,20937,80560	20	
	50	9,72051,51979	3,40968	9,92984,61553	1,30018	9,79066,90426	4,70986	10,20933,09574	10	
42	0	9,72054,92910	3,40931	9,92983,31520	1,30033	9,79071,61390	4,70964	10,20928,38610	0	18
	10	9,72058,33804	3,40894	9,92982,01474	1,30046	9,79076,32331	4,70941	10,20923,67669	50	
	20	9,72061,74662	3,40858	9,92980,71413	1,30061	9,79081,03248	4,70917	10,20918,96752	40	
	30	9,72065,15482	3,40820	9,92979,41338	1,30075	9,79085,74143	4,70895	10,20914,25857	30	
	40	9,72068,56265	3,40783	9,92978,11250	1,30088	9,79090,45015	4,70872	10,20909,54985	20	
	50	9,72071,97011	3,40746	9,92976,81147	1,30103	9,79095,15865	4,70850	10,20904,84135	10	
43	0	9,72075,37721	3,40710	9,92975,51030	1,30117	9,79099,86691	4,70826	10,20900,13309	0	17
	10	9,72078,78393	3,40672	9,92974,20898	1,30132	9,79104,57495	4,70804	10,20895,42505	50	
	20	9,72082,19029	3,40636	9,92972,90753	1,30145	9,79109,28275	4,70780	10,20890,71725	40	
	30	9,72085,59627	3,40598	9,92971,60594	1,30159	9,79113,99033	4,70758	10,20886,00967	30	
	40	9,72089,00189	3,40562	9,92970,30420	1,30174	9,79118,69769	4,70736	10,20881,30231	20	
	50	9,72092,40713	3,40524	9,92969,00233	1,30187	9,79123,40481	4,70712	10,20876,59519	10	
44	0	9,72095,81201	3,40488	9,92967,70031	1,30202	9,79128,11170	4,70689	10,20871,88830	0	16
	10	9,72099,21652	3,40451	9,92966,39815	1,30216	9,79132,81837	4,70667	10,20867,18163	50	
	20	9,72102,62066	3,40414	9,92965,09585	1,30230	9,79137,52481	4,70644	10,20862,47519	40	
	30	9,72106,02443	3,40377	9,92963,79341	1,30244	9,79142,23102	4,70621	10,20857,76898	30	
	40	9,72109,42784	3,40341	9,92962,49083	1,30258	9,79146,93701	4,70599	10,20853,06299	20	
	50	9,72112,83087	3,40303	9,92961,18810	1,30273	9,79151,64277	4,70576	10,20848,35723	10	
45	0	9,72116,23354	3,40267	9,92959,88524	1,30286	9,79156,34830	4,70553	10,20843,65170	0	15
	10	9,72119,63583	3,40229	9,92958,58224	1,30300	9,79161,05360	4,70530	10,20838,94640	50	
	20	9,72123,03776	3,40193	9,92957,27909	1,30315	9,79165,75867	4,70507	10,20834,24133	40	
	30	9,72126,43932	3,40156	9,92955,97580	1,30329	9,79170,46352	4,70485	10,20829,53648	30	
	40	9,72129,84051	3,40119	9,92954,67237	1,30343	9,79175,16814	4,70462	10,20824,83186	20	
	50	9,72133,24133	3,40082	9,92953,36880	1,30357	9,79179,87253	4,70439	10,20820,12747	10	
46	0	9,72136,64179	3,40046	9,92952,06509	1,30371	9,79184,57670	4,70417	10,20815,42330	0	14
	10	9,72140,04187	3,40008	9,92950,76124	1,30385	9,79189,28064	4,70394	10,20810,71936	50	
	20	9,72143,44159	3,39972	9,92949,45724	1,30400	9,79193,98435	4,70371	10,20806,01565	40	
	30	9,72146,84094	3,39935	9,92948,15311	1,30413	9,79198,68783	4,70348	10,20801,31217	30	
	40	9,72150,23992	3,39898	9,92946,84883	1,30428	9,79203,39109	4,70326	10,20796,60891	20	
	50	9,72153,63854	3,39862	9,92945,54442	1,30441	9,79208,09412	4,70303	10,20791,90588	10	
47	0	9,72157,03678	3,39824	9,92944,23986	1,30456	9,79212,79692	4,70280	10,20787,20308	0	13
	10	9,72160,43466	3,39788	9,92942,93516	1,30470	9,79217,49950	4,70258	10,20782,50050	50	
	20	9,72163,83217	3,39751	9,92941,63032	1,30484	9,79222,20185	4,70235	10,20777,79815	40	
	30	9,72167,22931	3,39714	9,92940,32533	1,30499	9,79226,90398	4,70213	10,20773,09602	30	
	40	9,72170,62608	3,39677	9,92939,02021	1,30512	9,79231,60587	4,70189	10,20768,39413	20	
	50	9,72174,02249	3,39641	9,92937,71494	1,30527	9,79236,30754	4,70167	10,20763,69246	10	
48	0	9,72177,41853	3,39604	9,92936,40954	1,30540	9,79241,00899	4,70145	10,20758,99101	0	12
	10	9,72180,81420	3,39567	9,92935,10399	1,30555	9,79245,71021	4,70122	10,20754,28979	50	
	20	9,72184,20950	3,39530	9,92933,79830	1,30569	9,79250,41120	4,70099	10,20749,58880	40	
	30	9,72187,60444	3,39494	9,92932,49247	1,30583	9,79255,11197	4,70077	10,20744,88803	30	
	40	9,72190,99901	3,39457	9,92931,18650	1,30597	9,79259,81251	4,70054	10,20740,18749	20	
	50	9,72194,39321	3,39420	9,92929,88039	1,30611	9,79264,51282	4,70031	10,20735,48718	10	
49	0	9,72197,78704	3,39383	9,92928,57413	1,30626	9,79269,21291	4,70009	10,20730,78709	0	11
	10	9,72201,18051	3,39347	9,92927,26774	1,30639	9,79273,91277	4,69986	10,20726,08723	50	
	20	9,72204,57361	3,39310	9,92925,96120	1,30654	9,79278,61241	4,69964	10,20721,38759	40	
	30	9,72207,96634	3,39273	9,92924,65452	1,30668	9,79283,31182	4,69941	10,20716,68818	30	
	40	9,72211,35870	3,39236	9,92923,34770	1,30682	9,79288,01100	4,69918	10,20711,98900	20	
	50	9,72214,75070	3,39200	9,92922,04074	1,30696	9,79292,70996	4,69896	10,20707,29004	10	
50	0	9,72218,14233	3,39163	9,92920,73363	1,30711	9,79297,40870	4,69874	10,20702,59130	0	10
		Sin. Comple.	3,39127	SINVVM	1,30724	Tang. compl.	4,69851	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,72218,14233		9,92920,73363		9,79297,40870		10,20702,59130	0	10
	10	9,72221,53360	3,39127	9,92919,42639	1,30724	9,79302,10721	4,69851	10,20697,89279	50	
	20	9,72224,92449	3,39089	9,92918,11900	1,30739	9,79306,80549	4,69828	10,20693,19451	40	
	30	9,72228,31502	3,39053	9,92916,81148	1,30752	9,79311,50355	4,69806	10,20688,49645	30	
	40	9,72231,70519	3,39017	9,92915,50381	1,30767	9,79316,20138	4,69783	10,20683,79862	20	
	50	9,72235,09498	3,38979	9,92914,19600	1,30781	9,79320,89898	4,69760	10,20679,10102	10	
51	0	9,72238,48441	3,38943	9,92912,88805	1,30795	9,79325,59637	4,69739	10,20674,40363	0	9
			3,38907		1,30810		4,69715			
	10	9,72241,87348	3,38869	9,92911,57995	1,30823	9,79330,29352	4,69693	10,20669,70648	50	
	20	9,72245,26217	3,38834	9,92910,27172	1,30838	9,79334,99045	4,69671	10,20665,00955	40	
	30	9,72248,65051	3,38796	9,92908,96334	1,30851	9,79339,68716	4,69648	10,20660,31284	30	
	40	9,72252,03847	3,38760	9,92907,65483	1,30866	9,79344,38364	4,69626	10,20655,61636	20	
	50	9,72255,42607	3,38723	9,92906,34617	1,30880	9,79349,07990	4,69603	10,20650,92010	10	
52	0	9,72258,81330	3,38686	9,92905,03737	1,30895	9,79353,77593	4,69581	10,20646,22407	0	8
							4,69558			
	10	9,72262,20016	3,38650	9,92903,72842	1,30908	9,79358,47174	4,69536	10,20641,52826	50	
	20	9,72265,58666	3,38614	9,92902,41934	1,30922	9,79363,16732	4,69513	10,20636,83268	40	
	30	9,72268,97280	3,38576	9,92901,11012	1,30937	9,79367,86268	4,69491	10,20632,13732	30	
	40	9,72272,35856	3,38541	9,92899,80075	1,30951	9,79372,55781	4,69469	10,20627,44219	20	
	50	9,72275,74397	3,38503	9,92898,49124	1,30965	9,79377,25272	4,69446	10,20622,74728	10	
53	0	9,72279,12900	3,38467	9,92897,18159	1,30979	9,79381,94741	4,69424	10,20618,05259	0	7
							4,69401			
	10	9,72282,51367	3,38430	9,92895,87180	1,30993	9,79386,64187	4,69379	10,20613,35813	50	
	20	9,72285,89797	3,38394	9,92894,56187	1,31008	9,79391,33611	4,69356	10,20608,66389	40	
	30	9,72289,28191	3,38357	9,92893,25179	1,31021	9,79396,03012	4,69334	10,20603,96988	30	
	40	9,72292,66548	3,38321	9,92891,94158	1,31036	9,79400,72391	4,69312	10,20599,27609	20	
	50	9,72296,04869	3,38284	9,92890,63122	1,31050	9,79405,41747	4,69289	10,20594,58253	10	
54	0	9,72299,43153	3,38247	9,92889,32072	1,31064	9,79410,11081	4,69267	10,20589,88919	0	6
							4,69244			
	10	9,72302,81400	3,38211	9,92888,01008	1,31078	9,79414,80393	4,69222	10,20585,19607	50	
	20	9,72306,19611	3,38175	9,92886,69930	1,31093	9,79419,49682	4,69200	10,20580,50318	40	
	30	9,72309,57786	3,38138	9,92885,38837	1,31106	9,79424,18949	4,69177	10,20575,81051	30	
	40	9,72312,95924	3,38101	9,92884,07731	1,31121	9,79428,88193	4,69155	10,20571,11807	20	
	50	9,72316,34025	3,38065	9,92882,76610	1,31135	9,79433,57415	4,69133	10,20566,42585	10	
55	0	9,72319,72090	3,38028	9,92881,45475	1,31149	9,79438,26615	4,69111	10,20561,73385	0	5
							4,69088			
	10	9,72323,10118	3,37992	9,92880,14326	1,31164	9,79442,95792	4,69065	10,20557,04208	50	
	20	9,72326,48110	3,37955	9,92878,83162	1,31177	9,79447,64947	4,69044	10,20552,35053	40	
	30	9,72329,86065	3,37919	9,92877,51985	1,31192	9,79452,34080	4,69021	10,20547,65920	30	
	40	9,72333,23984	3,37882	9,92876,20793	1,31205	9,79457,03191	4,69000	10,20542,96809	20	
	50	9,72336,61866	3,37846	9,92874,89588	1,31220	9,79461,72279	4,68976	10,20538,27721	10	
56	0	9,72339,99712	3,37809	9,92873,58368	1,31234	9,79466,41344	4,68954	10,20533,58656	0	4
							4,68932			
	10	9,72343,37521	3,37773	9,92872,27134	1,31249	9,79471,10388	4,68910	10,20528,89612	50	
	20	9,72346,75294	3,37736	9,92870,95885	1,31262	9,79475,79409	4,68887	10,20524,20591	40	
	30	9,72350,13030	3,37700	9,92869,64623	1,31277	9,79480,48408	4,68865	10,20519,51592	30	
	40	9,72353,50730	3,37664	9,92868,33346	1,31291	9,79485,17384	4,68843	10,20514,82616	20	
	50	9,72356,88394	3,37627	9,92867,02055	1,31291	9,79489,86338	4,68821	10,20510,13662	10	
57	0	9,72360,26021	3,37590	9,92865,70750	1,31305	9,79494,55270	4,68798	10,20505,44730	0	3
							4,68777			
	10	9,72363,63611	3,37554	9,92864,39431	1,31319	9,79499,24180	4,68753	10,20500,75820	50	
	20	9,72367,01165	3,37518	9,92863,08098	1,31333	9,79503,93067	4,68732	10,20496,06933	40	
	30	9,72370,38683	3,37481	9,92861,76750	1,31348	9,79508,61932	4,68710	10,20491,38068	30	
	40	9,72373,76164	3,37445	9,92860,45389	1,31361	9,79513,30775	4,68687	10,20486,69225	20	
	50	9,72377,13609	3,37408	9,92859,14013	1,31376	9,79517,99596	4,68665	10,20482,00404	10	
58	0	9,72380,51017	3,37372	9,92857,82623	1,31390	9,79522,68394	4,68643	10,20477,31606	0	2
							4,68621			
	10	9,72383,88389	3,37335	9,92856,51218	1,31405	9,79527,37171	4,68600	10,20472,62829	50	
	20	9,72387,25724	3,37299	9,92855,19800	1,31418	9,79532,05924	4,68578	10,20467,94076	40	
	30	9,72390,63023	3,37263	9,92853,88367	1,31433	9,79536,74656	4,68556	10,20463,25344	30	
	40	9,72394,00286	3,37226	9,92852,56920	1,31447	9,79541,43366	4,68534	10,20458,56634	20	
	50	9,72397,37512	3,37190	9,92851,25459	1,31461	9,79546,12053	4,68512	10,20453,87947	10	
59	0	9,72400,74702	3,37154	9,92849,93984	1,31475	9,79550,80718	4,68490	10,20449,19282	0	1
							4,68468			
	10	9,72404,11856	3,37117	9,92848,62495	1,31489	9,79555,49361	4,68446	10,20444,50639	50	
	20	9,72407,48973	3,37081	9,92847,30991	1,31504	9,79560,17982	4,68424	10,20439,82018	40	
	30	9,72410,86054	3,37044	9,92845,99474	1,31517	9,79564,86580	4,68402	10,20435,13420	30	
	40	9,72414,23098	3,37008	9,92844,67942	1,31532	9,79569,55156	4,68380	10,20430,44844	20	
	50	9,72417,60106	3,36972	9,92843,36395	1,31547	9,79574,23711	4,68358	10,20425,76289	10	
60	0	9,72420,97078	3,36935	9,92842,04835	1,31560	9,79578,92243	4,68336	10,20421,07757	0	0
							4,68314			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,72420,97078		9,92842,04835		9,79578,92243		10,20421,07757	0	60
1	10	9,72424,34013	3,36935	9,92840,73261	1,31574	9,79583,60752	4,68509	10,20416,39248	50	59
	20	9,72427,70912	3,36899	9,92839,41672	1,31589	9,79588,29240	4,68488	10,20411,70760	40	
	30	9,72431,07775	3,36863	9,92838,10069	1,31603	9,79592,97706	4,68466	10,20407,02294	30	
	40	9,72434,44601	3,36826	9,92836,78452	1,31617	9,79597,66149	4,68443	10,20402,33851	20	
	50	9,72437,81391	3,36790	9,92835,46820	1,31632	9,79602,34570	4,68421	10,20397,65430	10	
	0	9,72441,18145	3,36754	9,92834,15175	1,31645	9,79607,02970	4,68400	10,20392,97030	0	
	10	9,72444,54862	3,36717	9,92832,83515	1,31660	9,79611,71347	4,68377	10,20388,28653	50	
	20	9,72447,91543	3,36681	9,92831,51841	1,31674	9,79616,39702	4,68355	10,20383,60298	40	
	30	9,72451,28188	3,36645	9,92830,20153	1,31688	9,79621,08034	4,68332	10,20378,91966	30	
	40	9,72454,64796	3,36608	9,92828,88451	1,31702	9,79625,76345	4,68311	10,20374,23655	20	
2	50	9,72458,01368	3,36572	9,92827,56734	1,31717	9,79630,44634	4,68289	10,20369,55366	10	58
	0	9,72461,37904	3,36536	9,92826,25004	1,31730	9,79635,12900	4,68266	10,20364,87100	0	
	10	9,72464,74403	3,36499	9,92824,93259	1,31745	9,79639,81145	4,68245	10,20360,18855	50	
	20	9,72468,10867	3,36464	9,92823,61500	1,31759	9,79644,49367	4,68222	10,20355,50633	40	
	30	9,72471,47294	3,36427	9,92822,29726	1,31774	9,79649,17567	4,68200	10,20350,82433	30	
	40	9,72474,83684	3,36390	9,92820,97939	1,31787	9,79653,85746	4,68179	10,20346,14254	20	
	50	9,72478,20039	3,36355	9,92819,66137	1,31802	9,79658,53902	4,68156	10,20341,46098	10	
	0	9,72481,56357	3,36318	9,92818,34321	1,31816	9,79663,22036	4,68134	10,20336,77964	0	
	10	9,72484,92639	3,36282	9,92817,02491	1,31830	9,79667,90148	4,68112	10,20332,09852	50	
	20	9,72488,28885	3,36246	9,92815,70647	1,31844	9,79672,58238	4,68090	10,20327,41762	40	
3	30	9,72491,65094	3,36209	9,92814,38788	1,31859	9,79677,26306	4,68068	10,20322,73694	30	57
	40	9,72495,01268	3,36174	9,92813,06915	1,31873	9,79681,94352	4,68046	10,20318,05648	20	
	50	9,72498,37405	3,36137	9,92811,75028	1,31887	9,79686,62376	4,68024	10,20313,37624	10	
	0	9,72501,73505	3,36100	9,92810,43127	1,31901	9,79691,30378	4,68002	10,20308,69622	0	
	10	9,72505,09570	3,36065	9,92809,11212	1,31915	9,79695,98358	4,67980	10,20304,01642	50	
	20	9,72508,45598	3,36028	9,92807,79282	1,31930	9,79700,66316	4,67958	10,20299,33684	40	
	30	9,72511,81590	3,35992	9,92806,47338	1,31944	9,79705,34252	4,67936	10,20294,65748	30	
	40	9,72515,17546	3,35956	9,92805,15380	1,31958	9,79710,02166	4,67914	10,20289,97834	20	
	50	9,72518,53466	3,35920	9,92803,83408	1,31972	9,79714,70059	4,67893	10,20285,29941	10	
	0	9,72521,89350	3,35884	9,92802,51421	1,31987	9,79719,37929	4,67870	10,20280,62071	0	
4	10	9,72525,25197	3,35847	9,92801,19420	1,32001	9,79724,05777	4,67848	10,20275,94223	50	56
	20	9,72528,61008	3,35811	9,92799,87405	1,32015	9,79728,73603	4,67826	10,20271,26397	40	
	30	9,72531,96783	3,35775	9,92798,55376	1,32029	9,79733,41407	4,67804	10,20266,58593	30	
	40	9,72535,32522	3,35739	9,92797,23333	1,32043	9,79738,09190	4,67783	10,20261,90810	20	
	50	9,72538,68225	3,35703	9,92795,91275	1,32058	9,79742,76950	4,67760	10,20257,23050	10	
	0	9,72542,03892	3,35667	9,92794,59203	1,32072	9,79747,44688	4,67738	10,20252,55312	0	
	10	9,72545,39522	3,35630	9,92793,27117	1,32086	9,79752,12405	4,67717	10,20247,87595	50	
	20	9,72548,75116	3,35594	9,92791,95017	1,32100	9,79756,80099	4,67694	10,20243,19901	40	
	30	9,72552,10674	3,35558	9,92790,62902	1,32115	9,79761,47772	4,67673	10,20238,52228	30	
	40	9,72555,46196	3,35522	9,92789,30774	1,32128	9,79766,15423	4,67651	10,20233,84577	20	
5	50	9,72558,81682	3,35486	9,92787,98631	1,32143	9,79770,83052	4,67629	10,20229,16948	10	55
	0	9,72562,17132	3,35450	9,92786,66473	1,32158	9,79775,50659	4,67607	10,20224,49341	0	
	10	9,72565,52546	3,35414	9,92785,34302	1,32171	9,79780,18244	4,67585	10,20219,81756	50	
	20	9,72568,87923	3,35377	9,92784,02116	1,32186	9,79784,85807	4,67563	10,20215,14193	40	
	30	9,72572,23265	3,35342	9,92782,69916	1,32200	9,79789,53348	4,67541	10,20210,46652	30	
	40	9,72575,58570	3,35305	9,92781,37702	1,32214	9,79794,20868	4,67520	10,20205,79132	20	
	50	9,72578,93839	3,35269	9,92780,05474	1,32228	9,79798,88365	4,67497	10,20201,11635	10	
	0	9,72582,29073	3,35234	9,92778,73231	1,32243	9,79803,55841	4,67476	10,20196,44159	0	
	10	9,72585,64270	3,35197	9,92777,40975	1,32256	9,79808,23295	4,67454	10,20191,76705	50	
	20	9,72588,99431	3,35161	9,92776,08703	1,32272	9,79812,90727	4,67432	10,20187,09273	40	
6	30	9,72592,34556	3,35125	9,92774,76418	1,32285	9,79817,58137	4,67410	10,20182,41863	30	54
	40	9,72595,69644	3,35088	9,92773,44119	1,32299	9,79822,25526	4,67389	10,20177,74474	20	
	50	9,72599,04697	3,35053	9,92772,11805	1,32314	9,79826,92892	4,67366	10,20173,07108	10	
	0	9,72602,39714	3,35017	9,92770,79477	1,32328	9,79831,60237	4,67345	10,20168,39763	0	
	10	9,72605,74695	3,34981	9,92769,47135	1,32342	9,79836,27560	4,67323	10,20163,72440	50	
	20	9,72609,09639	3,34944	9,92768,14778	1,32357	9,79840,94861	4,67301	10,20159,05139	40	
	30	9,72612,44548	3,34909	9,92766,82407	1,32371	9,79845,62141	4,67280	10,20154,37859	30	
	40	9,72615,79421	3,34873	9,92765,50022	1,32385	9,79850,29398	4,67257	10,20149,70602	20	
	50	9,72619,14257	3,34836	9,92764,17623	1,32399	9,79854,96634	4,67236	10,20145,03366	10	
	0	9,72622,49058	3,34801	9,92762,85210	1,32413	9,79859,63848	4,67214	10,20140,36152	0	
10		Sin. Comple.	3,34764	SINVVM	1,32428	Tang. compl.	4,67192	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,72622,49058		9,92762,85210		9,79859,63848		10,20140,36152	0	50
	10	9,72625,83822	3,34764	9,92761,52782	1,32428	9,79864,31040	4,67192	10,20135,68960	50	
	20	9,72629,18551	3,34729	9,92760,20340	1,32442	9,79868,98211	4,67171	10,20131,01789	40	
	30	9,72632,53243	3,34692	9,92758,87884	1,32456	9,79873,65360	4,67149	10,20126,34640	30	
	40	9,72635,87900	3,34657	9,92757,55413	1,32471	9,79878,32487	4,67127	10,20121,67513	20	
	50	9,72639,22520	3,34620	9,92756,22928	1,32485	9,79882,99592	4,67105	10,20117,00408	10	
11	0	9,72642,57105	3,34585	9,92754,90429	1,32499	9,79887,66675	4,67083	10,20112,33325	0	49
	10	9,72645,91653	3,34548	9,92753,57916	1,32513	9,79892,33737	4,67062	10,20107,66263	50	
	20	9,72649,26166	3,34513	9,92752,25389	1,32527	9,79897,00777	4,67040	10,20102,99223	40	
	30	9,72652,60642	3,34476	9,92750,92847	1,32542	9,79901,67795	4,67018	10,20098,32205	30	
	40	9,72655,95083	3,34441	9,92749,60291	1,32556	9,79906,34792	4,66997	10,20093,65208	20	
	50	9,72659,29488	3,34405	9,92748,27721	1,32570	9,79911,01767	4,66975	10,20088,98233	10	
12	0	9,72662,63857	3,34369	9,92746,95136	1,32585	9,79915,68720	4,66953	10,20084,31280	0	48
	10	9,72665,98189	3,34332	9,92745,62538	1,32598	9,79920,35652	4,66932	10,20079,64348	50	
	20	9,72669,32486	3,34297	9,92744,29925	1,32613	9,79925,02562	4,66910	10,20074,97438	40	
	30	9,72672,66747	3,34261	9,92742,97297	1,32628	9,79929,69450	4,66888	10,20070,30550	30	
	40	9,72676,00972	3,34225	9,92741,64656	1,32641	9,79934,36316	4,66866	10,20065,63684	20	
	50	9,72679,35161	3,34189	9,92740,32000	1,32656	9,79939,03161	4,66845	10,20060,96839	10	
13	0	9,72682,69314	3,34153	9,92738,99330	1,32670	9,79943,69984	4,66823	10,20056,30016	0	47
	10	9,72686,03431	3,34117	9,92737,66646	1,32684	9,79948,36786	4,66802	10,20051,63214	50	
	20	9,72689,37513	3,34082	9,92737,33947	1,32699	9,79953,03565	4,66779	10,20046,96435	40	
	30	9,72692,71558	3,34045	9,92735,01234	1,32713	9,79957,70324	4,66759	10,20042,29676	30	
	40	9,72696,05568	3,34010	9,92733,68507	1,32727	9,79962,37060	4,66736	10,20037,62940	20	
	50	9,72699,39541	3,33973	9,92732,35766	1,32741	9,79967,03775	4,66715	10,20032,96225	10	
14	0	9,72702,73479	3,33938	9,92731,03010	1,32756	9,79971,70469	4,66694	10,20028,29531	0	46
	10	9,72706,07381	3,33902	9,92729,70240	1,32770	9,79976,37140	4,66671	10,20023,62860	50	
	20	9,72709,41247	3,33866	9,92728,37456	1,32784	9,79981,03790	4,66650	10,20018,96210	40	
	30	9,72712,75077	3,33830	9,92727,04658	1,32798	9,79985,70419	4,66629	10,20014,29581	30	
	40	9,72716,08871	3,33794	9,92725,71845	1,32813	9,79990,37026	4,66607	10,20009,62974	20	
	50	9,72719,42629	3,33758	9,92724,39018	1,32827	9,79995,03611	4,66585	10,20004,96389	10	
15	0	9,72722,76352	3,33723	9,92723,06177	1,32841	9,79999,70175	4,66564	10,20000,29825	0	45
	10	9,72726,10038	3,33686	9,92721,73322	1,32855	9,80004,36717	4,66542	10,19995,63283	50	
	20	9,72729,43689	3,33651	9,92720,40452	1,32870	9,80009,03237	4,66520	10,19990,96763	40	
	30	9,72732,77304	3,33615	9,92719,07568	1,32884	9,80013,69736	4,66499	10,19986,30264	30	
	40	9,72736,10883	3,33579	9,92717,74669	1,32899	9,80018,36214	4,66478	10,19981,63786	20	
	50	9,72739,44427	3,33544	9,92716,41757	1,32912	9,80023,02670	4,66456	10,19976,97330	10	
16	0	9,72742,77934	3,33507	9,92715,08830	1,32927	9,80027,69104	4,66434	10,19972,30896	0	44
	10	9,72746,11406	3,33472	9,92713,75889	1,32941	9,80032,35517	4,66413	10,19967,64483	50	
	20	9,72749,44842	3,33436	9,92712,42933	1,32956	9,80037,01908	4,66391	10,19962,98092	40	
	30	9,72752,78242	3,33400	9,92711,09964	1,32969	9,80041,68278	4,66370	10,19958,31722	30	
	40	9,72756,11606	3,33364	9,92709,76980	1,32984	9,80046,34626	4,66348	10,19953,65374	20	
	50	9,72759,44934	3,33328	9,92708,43981	1,32999	9,80051,00953	4,66327	10,19948,99047	10	
17	0	9,72762,78227	3,33293	9,92707,10969	1,33012	9,80055,67258	4,66305	10,19944,32742	0	43
	10	9,72766,11484	3,33257	9,92705,77942	1,33027	9,80060,33542	4,66284	10,19939,66458	50	
	20	9,72769,44705	3,33221	9,92704,44901	1,33041	9,80064,99804	4,66262	10,19935,00196	40	
	30	9,72772,77891	3,33186	9,92703,11846	1,33055	9,80069,66045	4,66241	10,19930,33955	30	
	40	9,72776,11040	3,33149	9,92701,78776	1,33070	9,80074,32264	4,66219	10,19925,67736	20	
	50	9,72779,44154	3,33114	9,92700,45692	1,33084	9,80078,98462	4,66198	10,19921,01538	10	
18	0	9,72782,77232	3,33078	9,92699,12594	1,33098	9,80083,64638	4,66176	10,19916,35362	0	42
	10	9,72786,10274	3,33042	9,92697,79481	1,33113	9,80088,30793	4,66155	10,19911,69207	50	
	20	9,72789,43281	3,33007	9,92696,46354	1,33127	9,80092,96926	4,66133	10,19907,03074	40	
	30	9,72792,76252	3,32971	9,92695,13213	1,33141	9,80097,63038	4,66112	10,19902,36962	30	
	40	9,72796,09187	3,32935	9,92693,80058	1,33155	9,80102,29129	4,66091	10,19897,70871	20	
	50	9,72799,42086	3,32899	9,92692,46888	1,33170	9,80106,95198	4,66069	10,19893,04802	10	
19	0	9,72802,74950	3,32864	9,92691,13704	1,33184	9,80111,61246	4,66048	10,19888,38754	0	41
	10	9,72806,07778	3,32828	9,92689,80506	1,33198	9,80116,27272	4,66026	10,19883,72728	50	
	20	9,72809,40570	3,32792	9,92688,47293	1,33213	9,80120,93277	4,66005	10,19879,06723	40	
	30	9,72812,73326	3,32756	9,92687,14066	1,33227	9,80125,59260	4,65983	10,19874,40740	30	
	40	9,72816,06047	3,32721	9,92685,80825	1,33241	9,80130,25222	4,65962	10,19869,74778	20	
	50	9,72819,38732	3,32685	9,92684,47570	1,33255	9,80134,91162	4,65940	10,19865,08838	10	
20	0	9,72822,71382	3,32650	9,92683,14300	1,33270	9,80139,57082	4,65920	10,19860,42918	0	40
		Sin. Comple.	3,32613	SINVVM	1,33284	Tang. compl.	4,65897	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,72822,71382		9,92683,14300		9,80139,57082		10,19860,42918	o	40
	10	9,72826,03995	3,32613	9,92681,81016	1,33284	9,80144,22979	4,65897	10,19855,77021	50	
	20	9,72829,36573	3,32578	9,92680,47718	1,33298	9,80148,88856	4,65877	10,19851,11144	40	
	30	9,72832,69116	3,32543	9,92679,14405	1,33313	9,80153,54711	4,65855	10,19846,45289	30	
	40	9,72836,01623	3,32507	9,92677,81078	1,33327	9,80158,20544	4,65833	10,19841,79456	20	
	50	9,72839,34094	3,32471	9,92676,47737	1,33341	9,80162,86357	4,65813	10,19837,13643	10	
21	0	9,72842,66529	3,32435	9,92675,14381	1,33356	9,80167,52148	4,65791	10,19832,47852	o	39
	10	9,72845,98929	3,32400	9,92673,81011	1,33370	9,80172,17917	4,65769	10,19827,82083	50	
	20	9,72849,31293	3,32364	9,92672,47627	1,33384	9,80176,83666	4,65749	10,19823,16334	40	
	30	9,72852,63621	3,32328	9,92671,14229	1,33398	9,80181,49392	4,65726	10,19818,50608	30	
	40	9,72855,95914	3,32293	9,92669,80816	1,33413	9,80186,15098	4,65706	10,19813,84902	20	
	50	9,72859,28171	3,32257	9,92668,47389	1,33427	9,80190,80782	4,65684	10,19809,19218	10	
22	0	9,72862,60393	3,32222	9,92667,13948	1,33441	9,80195,46445	4,65663	10,19804,53555	o	38
	10	9,72865,92579	3,32186	9,92666,80492	1,33456	9,80200,12087	4,65642	10,19799,87913	50	
	20	9,72869,24729	3,32150	9,92664,47022	1,33470	9,80204,77707	4,65620	10,19795,22293	40	
	30	9,72872,56844	3,32115	9,92663,13538	1,33484	9,80209,43306	4,65599	10,19790,56694	30	
	40	9,72875,88923	3,32079	9,92661,80039	1,33499	9,80214,08884	4,65578	10,19785,91116	20	
	50	9,72879,20967	3,32044	9,92660,46526	1,33513	9,80218,74440	4,65556	10,19781,25560	10	
23	0	9,72882,52974	3,32007	9,92659,12999	1,33527	9,80223,39976	4,65536	10,19776,60024	o	37
	10	9,72885,84947	3,31973	9,92657,79457	1,33542	9,80228,05490	4,65514	10,19771,94510	50	
	20	9,72889,16884	3,31937	9,92656,45901	1,33556	9,80232,70982	4,65492	10,19767,29018	40	
	30	9,72892,48785	3,31901	9,92655,12331	1,33570	9,80237,36454	4,65472	10,19762,63546	30	
	40	9,72895,80650	3,31865	9,92653,78747	1,33584	9,80242,01904	4,65450	10,19757,98096	20	
	50	9,72899,12480	3,31830	9,92652,45148	1,33599	9,80246,67333	4,65429	10,19753,32667	10	
24	0	9,72902,44275	3,31795	9,92651,11535	1,33613	9,80251,32740	4,65407	10,19748,67260	o	36
	10	9,72905,76034	3,31759	9,92649,77907	1,33628	9,80255,98127	4,65387	10,19744,01873	50	
	20	9,72909,07757	3,31723	9,92648,44265	1,33642	9,80260,63492	4,65365	10,19739,36508	40	
	30	9,72912,39445	3,31688	9,92647,10609	1,33656	9,80265,28836	4,65344	10,19734,71164	30	
	40	9,72915,71097	3,31652	9,92645,76939	1,33670	9,80269,94158	4,65322	10,19730,05842	20	
	50	9,72919,02714	3,31617	9,92644,43254	1,33685	9,80274,59460	4,65302	10,19725,40540	10	
25	0	9,72922,34295	3,31581	9,92643,09555	1,33699	9,80279,24740	4,65280	10,19720,75260	o	35
	10	9,72925,65841	3,31546	9,92641,75842	1,33713	9,80283,89999	4,65259	10,19716,10001	50	
	20	9,72928,97351	3,31510	9,92640,42114	1,33728	9,80288,55237	4,65238	10,19711,44763	40	
	30	9,72932,28826	3,31475	9,92639,08372	1,33742	9,80293,20454	4,65217	10,19706,79546	30	
	40	9,72935,60265	3,31439	9,92637,74616	1,33756	9,80297,85650	4,65196	10,19702,14350	20	
	50	9,72938,91669	3,31404	9,92636,40845	1,33771	9,80302,50824	4,65174	10,19697,49176	10	
26	0	9,72942,23037	3,31368	9,92635,07060	1,33785	9,80307,15977	4,65153	10,19692,84023	o	34
	10	9,72945,54370	3,31333	9,92633,73260	1,33800	9,80311,81109	4,65132	10,19688,18891	50	
	20	9,72948,85667	3,31297	9,92632,39447	1,33813	9,80316,46220	4,65111	10,19683,53780	40	
	30	9,72952,16929	3,31262	9,92631,05619	1,33828	9,80321,11310	4,65090	10,19678,88690	30	
	40	9,72955,48155	3,31226	9,92629,71776	1,33843	9,80325,76379	4,65069	10,19674,23621	20	
	50	9,72958,79346	3,31191	9,92628,37920	1,33856	9,80330,41426	4,65047	10,19669,58574	10	
27	0	9,72962,10501	3,31155	9,92627,04049	1,33871	9,80335,06453	4,65027	10,19664,93547	o	33
	10	9,72965,41621	3,31120	9,92625,70163	1,33886	9,80339,71458	4,65005	10,19660,28542	50	
	20	9,72968,72706	3,31085	9,92624,36264	1,33899	9,80344,36442	4,64984	10,19655,63558	40	
	30	9,72972,03755	3,31049	9,92623,02350	1,33914	9,80349,01405	4,64963	10,19650,98595	30	
	40	9,72975,34768	3,31013	9,92621,68421	1,33929	9,80353,66347	4,64942	10,19646,33653	20	
	50	9,72978,65746	3,30978	9,92620,34479	1,33942	9,80358,31268	4,64921	10,19641,68732	10	
28	0	9,72981,96689	3,30943	9,92619,00522	1,33957	9,80362,96168	4,64900	10,19637,03832	o	32
	10	9,72985,27596	3,30907	9,92617,66550	1,33972	9,80367,61046	4,64878	10,19632,38954	50	
	20	9,72988,58468	3,30872	9,92616,32564	1,33986	9,80372,25904	4,64858	10,19627,74096	40	
	30	9,72991,89305	3,30837	9,92614,98564	1,34000	9,80376,90740	4,64836	10,19623,09260	30	
	40	9,72995,20106	3,30801	9,92613,64550	1,34014	9,80381,55556	4,64816	10,19618,44444	20	
	50	9,72998,50871	3,30765	9,92612,30521	1,34029	9,80386,20350	4,64794	10,19613,79650	10	
29	0	9,73001,81602	3,30731	9,92610,96478	1,34043	9,80390,85123	4,64773	10,19609,14877	o	31
	10	9,73005,12296	3,30694	9,92609,62421	1,34057	9,80395,49876	4,64753	10,19604,50124	50	
	20	9,73008,42956	3,30660	9,92608,28349	1,34072	9,80400,14607	4,64731	10,19599,85393	40	
	30	9,73011,73580	3,30624	9,92606,94263	1,34086	9,80404,79317	4,64710	10,19595,20683	30	
	40	9,73015,04169	3,30589	9,92605,60162	1,34101	9,80409,44006	4,64689	10,19590,55994	20	
	50	9,73018,34722	3,30553	9,92604,26047	1,34115	9,80414,08675	4,64669	10,19585,91325	10	
30	0	9,73021,65240	3,30518	9,92602,91918	1,34129	9,80418,73322	4,64647	10,19581,26678	o	30
		Sin. Comple.	3,30483	SINVVM	1,34143	Tang. compl.	4,64626	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,73021,65240		9,92602,91918		9,80418,73322		10,19581,26678	o	30
31	10	9,73024,95723	3,30483	9,92601,57775	1,34143	9,80423,37948	4,64626	10,19576,62052	50	29
	20	9,73028,26170	3,30447	9,92600,23617	1,34158	9,80428,02553	4,64605	10,19571,97447	40	
	30	9,73031,56582	3,30412	9,92598,89445	1,34172	9,80432,67137	4,64584	10,19567,32863	30	
	40	9,73034,86958	3,30376	9,92597,55258	1,34187	9,80437,31700	4,64563	10,19562,68300	20	
	50	9,73038,17300	3,30342	9,92596,21057	1,34201	9,80441,96243	4,64543	10,19558,03757	10	
	0	9,73041,47605	3,30305	9,92594,86842	1,34215	9,80446,60764	4,64521	10,19553,39236	0	
32	10	9,73044,77876	3,30271	9,92593,52612	1,34230	9,80451,25264	4,64500	10,19548,74736	50	28
	20	9,73048,08111	3,30235	9,92592,18368	1,34244	9,80455,89743	4,64479	10,19544,10257	40	
	30	9,73051,38311	3,30200	9,92590,84110	1,34258	9,80460,54202	4,64459	10,19539,45798	30	
	40	9,73054,68476	3,30165	9,92589,49837	1,34273	9,80465,18639	4,64437	10,19534,81361	20	
	50	9,73057,98605	3,30129	9,92588,15550	1,34287	9,80469,83055	4,64416	10,19530,16945	10	
	0	9,73061,28699	3,30094	9,92586,81248	1,34302	9,80474,47451	4,64396	10,19525,52549	0	
33	10	9,73064,58758	3,30059	9,92585,46933	1,34315	9,80479,11825	4,64374	10,19520,88175	50	27
	20	9,73067,88781	3,30023	9,92584,12602	1,34331	9,80483,76179	4,64354	10,19516,23821	40	
	30	9,73071,18769	3,29988	9,92582,78258	1,34344	9,80488,40512	4,64333	10,19511,59488	30	
	40	9,73074,48722	3,29953	9,92581,43899	1,34359	9,80493,04823	4,64311	10,19506,95177	20	
	50	9,73077,78640	3,29918	9,92580,09526	1,34373	9,80497,69114	4,64291	10,19502,30886	10	
	0	9,73081,08522	3,29882	9,92578,75138	1,34388	9,80502,33384	4,64270	10,19497,66616	0	
34	10	9,73084,38369	3,29847	9,92577,40736	1,34402	9,80506,97633	4,64249	10,19493,02367	50	26
	20	9,73087,68181	3,29812	9,92576,06320	1,34416	9,80511,61861	4,64228	10,19488,38139	40	
	30	9,73090,97958	3,29777	9,92574,71889	1,34431	9,80516,26069	4,64208	10,19483,73931	30	
	40	9,73094,27699	3,29741	9,92573,37444	1,34445	9,80520,90255	4,64186	10,19479,09745	20	
	50	9,73097,57405	3,29706	9,92572,02984	1,34460	9,80525,54421	4,64166	10,19474,45579	10	
	0	9,73100,87076	3,29671	9,92570,68511	1,34473	9,80530,18565	4,64144	10,19469,81435	0	
35	10	9,73104,16712	3,29636	9,92569,34022	1,34489	9,80534,82689	4,64124	10,19465,17311	50	25
	20	9,73107,46312	3,29600	9,92567,99520	1,34502	9,80539,46792	4,64103	10,19460,53208	40	
	30	9,73110,75877	3,29565	9,92566,65003	1,34517	9,80544,10874	4,64082	10,19455,89126	30	
	40	9,73114,05407	3,29530	9,92565,30471	1,34532	9,80548,74936	4,64062	10,19451,25064	20	
	50	9,73117,34902	3,29495	9,92563,95926	1,34545	9,80553,38976	4,64040	10,19446,61024	10	
	0	9,73120,64361	3,29459	9,92562,61366	1,34560	9,80558,02996	4,64020	10,19441,97004	0	
36	10	9,73123,93786	3,29425	9,92561,26791	1,34575	9,80562,66994	4,63998	10,19437,33006	50	24
	20	9,73127,23175	3,29389	9,92559,92202	1,34589	9,80567,30972	4,63978	10,19432,69028	40	
	30	9,73130,52529	3,29354	9,92558,57599	1,34603	9,80571,94930	4,63958	10,19428,05070	30	
	40	9,73133,81848	3,29319	9,92557,22981	1,34618	9,80576,58866	4,63936	10,19423,41134	20	
	50	9,73137,11131	3,29283	9,92555,88350	1,34631	9,80581,22782	4,63916	10,19418,77218	10	
	0	9,73140,40380	3,29249	9,92554,53703	1,34647	9,80585,86676	4,63894	10,19414,13324	0	
37	10	9,73143,69593	3,29213	9,92553,19042	1,34661	9,80590,50550	4,63874	10,19409,49450	50	23
	20	9,73146,98771	3,29178	9,92551,84367	1,34675	9,80595,14404	4,63854	10,19404,85596	40	
	30	9,73150,27914	3,29143	9,92550,49678	1,34689	9,80599,78236	4,63832	10,19400,21764	30	
	40	9,73153,57022	3,29108	9,92549,14974	1,34704	9,80604,42048	4,63812	10,19395,57952	20	
	50	9,73156,86094	3,29072	9,92547,80256	1,34718	9,80609,05839	4,63791	10,19390,94161	10	
	0	9,73160,15132	3,29038	9,92546,45523	1,34733	9,80613,69609	4,63770	10,19386,30391	0	
38	10	9,73163,44134	3,29002	9,92545,10776	1,34747	9,80618,33358	4,63749	10,19381,66642	50	22
	20	9,73166,73101	3,28967	9,92543,76014	1,34762	9,80622,97087	4,63729	10,19377,02913	40	
	30	9,73170,02034	3,28933	9,92542,41238	1,34776	9,80627,60795	4,63708	10,19372,39205	30	
	40	9,73173,30931	3,28897	9,92541,06448	1,34790	9,80632,24482	4,63687	10,19367,75518	20	
	50	9,73176,59792	3,28861	9,92539,71644	1,34804	9,80636,88149	4,63667	10,19363,11851	10	
	0	9,73179,88619	3,28827	9,92538,36825	1,34819	9,80641,51795	4,63646	10,19358,48205	0	
39	10	9,73183,17411	3,28792	9,92537,01991	1,34834	9,80646,15420	4,63625	10,19353,84580	50	21
	20	9,73186,46167	3,28756	9,92535,67143	1,34848	9,80650,79024	4,63604	10,19349,20976	40	
	30	9,73189,74889	3,28722	9,92534,32281	1,34862	9,80655,42608	4,63584	10,19344,57392	30	
	40	9,73193,03575	3,28686	9,92532,97405	1,34876	9,80660,06171	4,63563	10,19339,93829	20	
	50	9,73196,32227	3,28652	9,92531,62514	1,34891	9,80664,69713	4,63542	10,19335,30287	10	
	0	9,73199,60843	3,28616	9,92530,27608	1,34906	9,80669,33235	4,63522	10,19330,66765	0	
40	10	9,73202,89424	3,28581	9,92528,92688	1,34920	9,80673,96736	4,63501	10,19326,03264	50	20
	20	9,73206,17970	3,28546	9,92527,57754	1,34934	9,80678,60216	4,63480	10,19321,39784	40	
	30	9,73209,46481	3,28511	9,92526,22806	1,34948	9,80683,23676	4,63460	10,19316,76324	30	
	40	9,73212,74957	3,28476	9,92524,87843	1,34963	9,80687,87115	4,63439	10,19312,12885	20	
	50	9,73216,03398	3,28441	9,92523,52865	1,34978	9,80692,50533	4,63418	10,19307,49467	10	
	0	9,73219,31804	3,28406	9,92522,17873	1,34992	9,80697,13931	4,63398	10,19302,86069	0	
		Sin. Comple.	3,28371	SINVVM	1,35006	Tang. compl.	4,63377	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,73219,31804		9,92522,17873		9,80697,13931		10,19302,86069	0	20
	10	9,73222,60175	3,28371	9,92520,82867	1,35006	9,80701,77308	4,63377	10,19298,22692	50	
	20	9,73225,88511	3,28336	9,92519,47847	1,35020	9,80706,40664	4,63356	10,19293,59336	40	
	30	9,73229,16812	3,28301	9,92518,12812	1,35035	9,80711,04000	4,63336	10,19288,96000	30	
	40	9,73232,45077	3,28265	9,92516,77762	1,35050	9,80715,67315	4,63315	10,19284,32685	20	
	50	9,73235,73308	3,28231	9,92515,42698	1,35064	9,80720,30610	4,63295	10,19279,69390	10	
41	0	9,73239,01504	3,28196	9,92514,07620	1,35078	9,80724,93884	4,63274	10,19275,06116	0	19
	10	9,73242,29665	3,28161	9,92512,72527	1,35093	9,80729,57137	4,63253	10,19270,42863	50	
	20	9,73245,57790	3,28125	9,92511,37420	1,35107	9,80734,20370	4,63233	10,19265,79630	40	
	30	9,73248,85881	3,28091	9,92510,02299	1,35121	9,80738,83582	4,63212	10,19261,16418	30	
	40	9,73252,13937	3,28056	9,92508,67163	1,35136	9,80743,46774	4,63192	10,19256,53226	20	
	50	9,73255,41958	3,28021	9,92507,32013	1,35150	9,80748,09945	4,63171	10,19251,90055	10	
42	0	9,73258,69943	3,27985	9,92505,96848	1,35165	9,80752,73096	4,63151	10,19247,26904	0	18
	10	9,73261,97894	3,27951	9,92504,61669	1,35179	9,80757,36225	4,63129	10,19242,63775	50	
	20	9,73265,25810	3,27916	9,92503,26475	1,35194	9,80761,99335	4,63110	10,19238,00665	40	
	30	9,73268,53691	3,27881	9,92501,91267	1,35208	9,80766,62424	4,63089	10,19233,37576	30	
	40	9,73271,81537	3,27846	9,92500,56045	1,35222	9,80771,25492	4,63068	10,19228,74508	20	
	50	9,73275,09348	3,27811	9,92499,20808	1,35237	9,80775,88540	4,63048	10,19224,11460	10	
43	0	9,73278,37124	3,27776	9,92497,85557	1,35251	9,80780,51567	4,63027	10,19219,48433	0	17
	10	9,73281,64865	3,27741	9,92496,50291	1,35266	9,80785,14574	4,63007	10,19214,85426	50	
	20	9,73284,92571	3,27706	9,92495,15011	1,35280	9,80789,77560	4,62986	10,19210,22440	40	
	30	9,73288,20242	3,27671	9,92493,79717	1,35294	9,80794,40526	4,62966	10,19205,59474	30	
	40	9,73291,47879	3,27637	9,92492,44408	1,35309	9,80799,03471	4,62945	10,19200,96529	20	
	50	9,73294,75480	3,27601	9,92491,09084	1,35324	9,80803,66395	4,62924	10,19196,33605	10	
44	0	9,73298,03046	3,27566	9,92489,73747	1,35337	9,80808,29300	4,62905	10,19191,70700	0	16
	10	9,73301,30578	3,27532	9,92488,38395	1,35352	9,80812,92183	4,62883	10,19187,07817	50	
	20	9,73304,58074	3,27496	9,92487,03028	1,35367	9,80817,55047	4,62864	10,19182,44953	40	
	30	9,73307,85536	3,27462	9,92485,67647	1,35381	9,80822,17889	4,62842	10,19177,82111	30	
	40	9,73311,12963	3,27427	9,92484,32251	1,35396	9,80826,80712	4,62823	10,19173,19288	20	
	50	9,73314,40355	3,27392	9,92482,96842	1,35409	9,80831,43513	4,62801	10,19168,56487	10	
45	0	9,73317,67712	3,27357	9,92481,61417	1,35425	9,80836,06295	4,62782	10,19163,93705	0	15
	10	9,73320,95034	3,27322	9,92480,25978	1,35439	9,80840,69056	4,62761	10,19159,30944	50	
	20	9,73324,22321	3,27287	9,92478,90525	1,35453	9,80845,31796	4,62740	10,19154,68204	40	
	30	9,73327,49574	3,27253	9,92477,55058	1,35467	9,80849,94516	4,62720	10,19150,05484	30	
	40	9,73330,76791	3,27217	9,92476,19576	1,35482	9,80854,57216	4,62700	10,19145,42784	20	
	50	9,73334,03974	3,27183	9,92474,84079	1,35497	9,80859,19895	4,62679	10,19140,80105	10	
46	0	9,73337,31122	3,27148	9,92473,48568	1,35511	9,80863,82554	4,62659	10,19136,17446	0	14
	10	9,73340,58235	3,27113	9,92472,13043	1,35525	9,80868,45192	4,62638	10,19131,54808	50	
	20	9,73343,85313	3,27078	9,92470,77503	1,35540	9,80873,07810	4,62618	10,19126,92190	40	
	30	9,73347,12356	3,27043	9,92469,41949	1,35554	9,80877,70408	4,62598	10,19122,29592	30	
	40	9,73350,39365	3,27009	9,92468,06380	1,35569	9,80882,32985	4,62577	10,19117,67015	20	
	50	9,73353,66338	3,26973	9,92466,70797	1,35583	9,80886,95541	4,62556	10,19113,04459	10	
47	0	9,73356,93277	3,26939	9,92465,35199	1,35598	9,80891,58078	4,62537	10,19108,41922	0	13
	10	9,73360,20181	3,26904	9,92463,99587	1,35612	9,80896,20594	4,62516	10,19103,79406	50	
	20	9,73363,47051	3,26870	9,92462,63961	1,35626	9,80900,83089	4,62495	10,19099,16911	40	
	30	9,73366,73885	3,26834	9,92461,28320	1,35641	9,80905,45565	4,62476	10,19094,54435	30	
	40	9,73370,00684	3,26799	9,92459,92665	1,35655	9,80910,08020	4,62455	10,19089,91980	20	
	50	9,73373,27449	3,26765	9,92458,56995	1,35670	9,80914,70454	4,62434	10,19085,29546	10	
48	0	9,73376,54179	3,26730	9,92457,21311	1,35684	9,80919,32868	4,62414	10,19080,67132	0	12
	10	9,73379,80874	3,26695	9,92455,85612	1,35699	9,80923,95262	4,62394	10,19076,04738	50	
	20	9,73383,07535	3,26661	9,92454,49899	1,35713	9,80928,57636	4,62374	10,19071,42364	40	
	30	9,73386,34161	3,26626	9,92453,14171	1,35728	9,80933,19989	4,62353	10,19066,80011	30	
	40	9,73389,60751	3,26590	9,92451,78429	1,35742	9,80937,82322	4,62333	10,19062,17678	20	
	50	9,73392,87308	3,26557	9,92450,42673	1,35756	9,80942,44635	4,62313	10,19057,55365	10	
49	0	9,73396,13829	3,26521	9,92449,06902	1,35771	9,80947,06927	4,62292	10,19052,93073	0	11
	10	9,73399,40316	3,26487	9,92447,71117	1,35785	9,80951,69199	4,62272	10,19048,30801	50	
	20	9,73402,66767	3,26451	9,92446,35317	1,35800	9,80956,31451	4,62252	10,19043,68549	40	
	30	9,73405,93185	3,26418	9,92444,99503	1,35814	9,80960,93682	4,62231	10,19039,06318	30	
	40	9,73409,19567	3,26382	9,92443,63674	1,35829	9,80965,55893	4,62211	10,19034,44107	20	
	50	9,73412,45915	3,26348	9,92442,27831	1,35843	9,80970,18084	4,62191	10,19029,81916	10	
50	0	9,73415,72227	3,26312	9,92440,91973	1,35858	9,80974,80254	4,62170	10,19025,19746	0	10
		Sin. Comple.	3,26279	SINVVM	1,35872	Tang. compl.	4,62151	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,73415,72227		9,92440,91973		9,80974,80254		10,19025,19746	0	10
	10	9,73418,98506	3,26279	9,92439,56101	1,35872	9,80979,42405	4,62151	10,19020,57595	50	
	20	9,73422,24749	3,26243	9,92438,20214	1,35887	9,80984,04535	4,62130	10,19015,95465	40	
	30	9,73425,50958	3,26209	9,92436,84313	1,35901	9,80988,66645	4,62110	10,19011,33355	30	
	40	9,73428,77132	3,26174	9,92435,48398	1,35915	9,80993,28734	4,62089	10,19006,71266	20	
	50	9,73432,03271	3,26139	9,92434,12468	1,35930	9,80997,90803	4,62069	10,19002,09197	10	
51	0	9,73435,29376	3,26105	9,92432,76523	1,35945	9,81002,52852	4,62049	10,18997,47148	0	9
			3,26070		1,35958		4,62029			
	10	9,73438,55446	3,26035	9,92431,40565	1,35974	9,81007,14881	4,62009	10,18992,85119	50	
	20	9,73441,81481	3,26001	9,92430,04591	1,35988	9,81011,76890	4,61988	10,18988,23110	40	
	30	9,73445,07482	3,25966	9,92428,68603	1,36002	9,81016,38878	4,61969	10,18983,61122	30	
	40	9,73448,33448	3,25931	9,92427,32601	1,36017	9,81021,00847	4,61947	10,18978,99153	20	
	50	9,73451,59379	3,25897	9,92425,96584	1,36031	9,81025,62794	4,61928	10,18974,37206	10	
52	0	9,73454,85276	3,25861	9,92424,60553	1,36045	9,81030,24722	4,61908	10,18969,75278	0	8
			3,25828		1,36061		4,61887			
	10	9,73458,11137	3,25792	9,92423,24508	1,36074	9,81034,86630	4,61868	10,18965,13370	50	
	20	9,73461,36965	3,25758	9,92421,88447	1,36089	9,81039,48517	4,61847	10,18960,51483	40	
	30	9,73464,62757	3,25724	9,92420,52373	1,36104	9,81044,10385	4,61826	10,18955,89615	30	
	40	9,73467,88515	3,25688	9,92419,16284	1,36118	9,81048,72232	4,61807	10,18951,27768	20	
	50	9,73471,14239	3,25654	9,92417,80180	1,36132	9,81053,34058	4,61787	10,18946,65942	10	
53	0	9,73474,39927	3,25620	9,92416,44062	1,36147	9,81057,95865	4,61766	10,18942,04135	0	7
			3,25585		1,36162		4,61746			
	10	9,73477,65581	3,25550	9,92415,07930	1,36176	9,81062,57652	4,61727	10,18937,42348	50	
	20	9,73480,91201	3,25515	9,92413,71783	1,36190	9,81067,19418	4,61706	10,18932,80582	40	
	30	9,73484,16786	3,25481	9,92412,35621	1,36205	9,81071,81164	4,61686	10,18928,18836	30	
	40	9,73487,42336	3,25447	9,92410,99445	1,36219	9,81076,42891	4,61665	10,18923,57109	20	
	50	9,73490,67851	3,25412	9,92409,63255	1,36234	9,81081,04597	4,61646	10,18918,95403	10	
54	0	9,73493,93332	3,25377	9,92408,27050	1,36249	9,81085,66283	4,61626	10,18914,33717	0	6
			3,25342		1,36263		4,61605			
	10	9,73497,18779	3,25309	9,92406,90831	1,36277	9,81090,27948	4,61585	10,18909,72052	50	
	20	9,73500,44191	3,25273	9,92405,54597	1,36292	9,81094,89594	4,61566	10,18905,10406	40	
	30	9,73503,69568	3,25239	9,92404,18348	1,36306	9,81099,51220	4,61545	10,18900,48780	30	
	40	9,73506,94910	3,25204	9,92402,82085	1,36321	9,81104,12825	4,61525	10,18895,87175	20	
	50	9,73510,20219	3,25170	9,92401,45808	1,36335	9,81108,74410	4,61505	10,18891,25590	10	
55	0	9,73513,45492	3,25135	9,92400,09516	1,36350	9,81113,35976	4,61485	10,18886,64024	0	5
			3,25101		1,36364		4,61465			
	10	9,73516,70731	3,25066	9,92398,73210	1,36379	9,81117,97521	4,61445	10,18882,02479	50	
	20	9,73519,95935	3,25032	9,92397,36889	1,36393	9,81122,59046	4,61425	10,18877,40954	40	
	30	9,73523,21105	3,24997	9,92396,00554	1,36407	9,81127,20551	4,61404	10,18872,79449	30	
	40	9,73526,46240	3,24962	9,92394,64204	1,36423	9,81131,82036	4,61385	10,18868,17964	20	
	50	9,73529,71341	3,24928	9,92393,27840	1,36436	9,81136,43501	4,61365	10,18863,56499	10	
56	0	9,73532,96407	3,24894	9,92391,91461	1,36452	9,81141,04946	4,61345	10,18858,95054	0	4
			3,24859		1,36465		4,61324			
	10	9,73536,21439	3,24825	9,92390,55068	1,36480	9,81145,66371	4,61305	10,18854,33629	50	
	20	9,73539,46436	3,24790	9,92389,18661	1,36495	9,81150,27775	4,61285	10,18849,72225	40	
	30	9,73542,71398	3,24755	9,92387,82238	1,36509	9,81154,89160	4,61264	10,18845,10840	30	
	40	9,73545,96326	3,24721	9,92386,45802	1,36524	9,81159,50525	4,61245	10,18840,49475	20	
	50	9,73549,21220	3,24687	9,92385,09350	1,36538	9,81164,11870	4,61225	10,18835,88130	10	
57	0	9,73552,46079	3,24652	9,92383,72885	1,36553	9,81168,73194	4,61204	10,18831,26806	0	3
			3,24617		1,36567		4,61185			
	10	9,73555,70904	3,24583	9,92382,36405	1,36582	9,81173,34499	4,61165	10,18826,65501	50	
	20	9,73558,95694	3,24549	9,92380,99910	1,36596	9,81177,95784	4,61145	10,18822,04216	40	
	30	9,73562,20449	3,24514	9,92379,63401	1,36610	9,81182,57048	4,61125	10,18817,42952	30	
	40	9,73565,45170	3,24480	9,92378,26877	1,36626	9,81187,18293	4,61105	10,18812,81707	20	
	50	9,73568,69857	3,24445	9,92376,90339	1,36639	9,81191,79518	4,61085	10,18808,20482	10	
58	0	9,73571,94509	3,24411	9,92375,53786	1,36655	9,81196,40722	4,61065	10,18803,59278	0	2
			3,24377		1,36668		4,61045			
	10	9,73575,19126	3,24342	9,92374,17219	1,36683	9,81201,01907	4,61025	10,18798,98093	50	
	20	9,73578,43709	3,24307	9,92372,80637	1,36698	9,81205,63072	4,61005	10,18794,36928	40	
	30	9,73581,68258	3,24273	9,92371,44041	1,36712	9,81210,24217	4,60986	10,18789,75783	30	
	40	9,73584,92772	3,24239	9,92370,07431	1,36727	9,81214,85342	4,60965	10,18785,14658	20	
	50	9,73588,17252	3,24204	9,92368,70805	1,36741	9,81219,46447	4,60946	10,18780,53553	10	
59	0	9,73591,41697		9,92367,34166		9,81224,07532		10,18775,92468	0	1
	10	9,73594,66108		9,92365,97511		9,81228,68597		10,18771,31403	50	
	20	9,73597,90485		9,92364,60843		9,81233,29642		10,18766,70358	40	
	30	9,73601,14827		9,92363,24160		9,81237,90667		10,18762,09333	30	
	40	9,73604,39134		9,92361,87462		9,81242,51672		10,18757,48328	20	
	50	9,73607,63407		9,92360,50750		9,81247,12658		10,18752,87342	10	
60	0	9,73610,87646		9,92359,14023		9,81251,73623		10,18748,26377	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,73610,87646		9,92359,14023		9,81251,73623		10,18748,26377	0	60
	10	9,73614,11850	3,24204	9,92357,77282	1,36741	9,81256,34569	4,60946	10,18743,65431	50	
	20	9,73617,36020	3,24170	9,92356,40526	1,36756	9,81260,95494	4,60925	10,18739,04506	40	
	30	9,73620,60156	3,24136	9,92355,03756	1,36770	9,81265,56400	4,60906	10,18734,43600	30	
	40	9,73623,84257	3,24101	9,92353,66971	1,36785	9,81270,17286	4,60886	10,18729,82714	20	
	50	9,73627,08323	3,24066	9,92352,30171	1,36800	9,81274,78152	4,60866	10,18725,21848	10	
1	0	9,73630,32356	3,24033	9,92350,93358	1,36813	9,81279,38998	4,60846	10,18720,61002	0	59
			3,23998		1,36829		4,60826			
	10	9,73633,56354	3,23963	9,92349,56529	1,36843	9,81283,99824	4,60807	10,18716,00176	50	
	20	9,73636,80317	3,23929	9,92348,19686	1,36857	9,81288,60631	4,60786	10,18711,39369	40	
	30	9,73640,04246	3,23895	9,92346,82829	1,36872	9,81293,21417	4,60767	10,18706,78583	30	
	40	9,73643,28141	3,23861	9,92345,45957	1,36886	9,81297,82184	4,60747	10,18702,17816	20	
	50	9,73646,52002	3,23826	9,92344,09071	1,36901	9,81302,42931	4,60727	10,18697,57069	10	
2	0	9,73649,75828	3,23791	9,92342,72170	1,36916	9,81307,03658	4,60707	10,18692,96342	0	58
			3,23758		1,36930		4,60688			
	10	9,73652,99619	3,23723	9,92339,98324	1,36944	9,81311,64365	4,60667	10,18688,35635	50	
	20	9,73656,23377	3,23689	9,92338,61380	1,36960	9,81316,25053	4,60648	10,18683,74947	40	
	30	9,73659,47100	3,23654	9,92337,24420	1,36973	9,81320,85720	4,60628	10,18679,14280	30	
	40	9,73662,70789	3,23620	9,92335,87447	1,36988	9,81325,46368	4,60608	10,18674,53632	20	
	50	9,73665,94443	3,23586	9,92334,50459	1,37003	9,81330,06996	4,60589	10,18669,93004	10	
3	0	9,73669,18063	3,23551	9,92333,13456	1,37017	9,81334,67604	4,60568	10,18665,32396	0	57
			3,23517		1,37032		4,60549			
	10	9,73672,41649	3,23483	9,92331,76439	1,37046	9,81339,28193	4,60529	10,18660,71807	50	
	20	9,73675,65200	3,23449	9,92329,02361	1,37061	9,81343,88761	4,60510	10,18656,11239	40	
	30	9,73678,88717	3,23414	9,92327,65300	1,37075	9,81348,49310	4,60489	10,18651,50690	30	
	40	9,73682,12200	3,23380	9,92326,28225	1,37090	9,81353,09839	4,60470	10,18646,90161	20	
	50	9,73685,35649	3,23346	9,92325,11912	1,37104	9,81357,70349	4,60450	10,18642,29651	10	
4	0	9,73688,59063	3,23311	9,92324,91135	1,37119	9,81362,30838	4,60430	10,18637,69162	0	56
			3,23277		1,37134		4,60411			
	10	9,73691,82443	3,23243	9,92323,54031	1,37148	9,81366,91308	4,60391	10,18633,08692	50	
	20	9,73695,05789	3,23208	9,92322,16912	1,37162	9,81371,51758	4,60371	10,18628,48242	40	
	30	9,73698,29100	3,23175	9,92321,05468	1,37177	9,81376,12188	4,60351	10,18623,87812	30	
	40	9,73701,52377	3,23140	9,92320,79778	1,37192	9,81380,72599	4,60332	10,18619,27401	20	
	50	9,73704,75620	3,23106	9,92319,42630	1,37206	9,81385,32990	4,60312	10,18614,67010	10	
5	0	9,73707,98828	3,23071	9,92318,05468	1,37221	9,81389,93361	4,60292	10,18610,06639	0	55
			3,23038		1,37235		4,60273			
	10	9,73711,22003	3,23003	9,92316,68291	1,37250	9,81394,53712	4,60252	10,18605,46288	50	
	20	9,73714,45143	3,22968	9,92315,31099	1,37264	9,81399,14044	4,60234	10,18600,85956	40	
	30	9,73717,68249	3,22935	9,92313,93893	1,37279	9,81403,74356	4,60213	10,18596,25644	30	
	40	9,73720,91320	3,22901	9,92312,56672	1,37293	9,81408,34648	4,60194	10,18591,65352	20	
	50	9,73724,14358	3,22866	9,92311,19437	1,37308	9,81412,94921	4,60174	10,18587,05079	10	
6	0	9,73727,37361	3,22832	9,92309,82187	1,37323	9,81417,55173	4,60155	10,18582,44827	0	54
			3,22798		1,37337		4,60135			
	10	9,73730,60329	3,22763	9,92308,44923	1,37352	9,81422,15407	4,60115	10,18577,84593	50	
	20	9,73733,83264	3,22730	9,92307,07644	1,37366	9,81426,75620	4,60095	10,18573,24380	40	
	30	9,73737,06165	3,22695	9,92305,70351	1,37381	9,81431,35814	4,60076	10,18568,64186	30	
	40	9,73740,29031	3,22661	9,92304,33043	1,37395	9,81435,95988	4,60057	10,18564,04012	20	
	50	9,73743,51863	3,22627	9,92302,95720	1,37410	9,81440,56143	4,60036	10,18559,43857	10	
7	0	9,73746,74661	3,22592	9,92301,58383	1,37424	9,81445,16278	4,60017	10,18554,83722	0	53
			3,22559		1,37439		4,59998			
	10	9,73749,97424	3,22524	9,92300,21031	1,37454	9,81449,76393	4,59978	10,18550,23607	50	
	20	9,73753,20154	3,22490	9,92298,83665	1,37468	9,81454,36488	4,59958	10,18545,63512	40	
	30	9,73756,42849	3,22456	9,92297,46284	1,37482	9,81458,96564	4,59939	10,18541,03436	30	
	40	9,73759,65510	3,22422	9,92296,08889	1,37497	9,81463,56621	4,59919	10,18536,43379	20	
	50	9,73762,88137	3,22388	9,92294,71479	1,37512	9,81468,16657	4,59899	10,18531,83343	10	
8	0	9,73766,10729	3,22354	9,92293,34055	1,37527	9,81472,76674	4,59880	10,18527,23326	0	52
			3,22319		1,37540		4,59861			
	10	9,73769,33288	3,22286	9,92291,96616	1,37556	9,81477,36672	4,59840	10,18522,63328	50	
	20	9,73772,55812	3,22251	9,92290,59162	1,37570	9,81481,96650	4,59822	10,18518,03350	40	
	30	9,73775,78302	3,22217	9,92289,21694	1,37584	9,81486,56608	4,59801	10,18513,43392	30	
	40	9,73779,00758	3,22183	9,92287,84212	1,37600	9,81491,16547	4,59782	10,18508,83453	20	
	50	9,73782,23180	3,22149	9,92286,46715	1,37613	9,81495,76466	4,59763	10,18504,23534	10	
9	0	9,73785,45568		9,92285,09203		9,81500,36365		10,18499,63635	0	51
	10	9,73788,67922		9,92283,71676		9,81504,96245		10,18495,03755	50	
	20	9,73791,90241		9,92282,34136		9,81509,56106		10,18490,43894	40	
	30	9,73795,12527		9,92280,96580		9,81514,15946		10,18485,84054	30	
	40	9,73798,34778		9,92279,59010		9,81518,75768		10,18481,24232	20	
	50	9,73801,56995		9,92278,21426		9,81523,35569		10,18476,64431	10	
10	0	9,73804,79178		9,92276,83826		9,81527,95351		10,18472,04649	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,73804,79178	3,22149	9,92276,83826	1,37613	9,81527,95351	4,59763	10,18472,04649	0	50
	10	9,73808,01327	3,22115	9,92275,46213	1,37629	9,81532,55114	4,59743	10,18467,44886	50	
	20	9,73811,23442	3,22080	9,92274,08584	1,37642	9,81537,14857	4,59724	10,18462,85143	40	
	30	9,73814,45522	3,22047	9,92272,70942	1,37658	9,81541,74581	4,59704	10,18458,25419	30	
	40	9,73817,67569	3,22012	9,92271,33284	1,37672	9,81546,34285	4,59684	10,18453,65715	20	
	50	9,73820,89581	3,21979	9,92269,95612	1,37686	9,81550,93969	4,59665	10,18449,06031	10	
11	0	9,73824,11560	3,21944	9,92268,57926	1,37702	9,81555,53634	4,59646	10,18444,46366	0	49
	10	9,73827,33504	3,21911	9,92267,20224	1,37715	9,81560,13280	4,59626	10,18439,86720	50	
	20	9,73830,55415	3,21876	9,92265,82509	1,37731	9,81564,72906	4,59606	10,18435,27094	40	
	30	9,73833,77291	3,21842	9,92264,44778	1,37744	9,81569,32512	4,59587	10,18430,67488	30	
	40	9,73836,99133	3,21808	9,92263,07034	1,37760	9,81573,92099	4,59568	10,18426,07901	20	
	50	9,73840,20941	3,21774	9,92261,69274	1,37774	9,81578,51667	4,59548	10,18421,48333	10	
12	0	9,73843,42715	3,21740	9,92260,31500	1,37788	9,81583,11215	4,59529	10,18416,88785	0	48
	10	9,73846,64455	3,21706	9,92258,93712	1,37804	9,81587,70744	4,59509	10,18412,29256	50	
	20	9,73849,86161	3,21672	9,92257,55908	1,37817	9,81592,30253	4,59489	10,18407,69747	40	
	30	9,73853,07833	3,21638	9,92256,18091	1,37833	9,81596,89742	4,59471	10,18403,10258	30	
	40	9,73856,29471	3,21604	9,92254,80258	1,37847	9,81601,49213	4,59450	10,18398,50787	20	
	50	9,73859,51075	3,21570	9,92253,42411	1,37861	9,81606,08663	4,59432	10,18393,91337	10	
13	0	9,73862,72645	3,21536	9,92252,04550	1,37876	9,81610,68095	4,59412	10,18389,31905	0	47
	10	9,73865,94181	3,21501	9,92250,66674	1,37891	9,81615,27507	4,59392	10,18384,72493	50	
	20	9,73869,15682	3,21468	9,92249,28783	1,37905	9,81619,86899	4,59373	10,18380,13101	40	
	30	9,73872,37150	3,21434	9,92247,90878	1,37920	9,81624,46272	4,59354	10,18375,53728	30	
	40	9,73875,58584	3,21400	9,92246,52958	1,37934	9,81629,05626	4,59334	10,18370,94374	20	
	50	9,73878,79984	3,21366	9,92245,15024	1,37949	9,81633,64960	4,59315	10,18366,35040	10	
14	0	9,73882,01350	3,21332	9,92243,77075	1,37964	9,81638,24275	4,59296	10,18361,75725	0	46
	10	9,73885,22682	3,21297	9,92242,39111	1,37978	9,81642,83571	4,59276	10,18357,16429	50	
	20	9,73888,43979	3,21264	9,92241,01133	1,37993	9,81647,42847	4,59256	10,18352,57153	40	
	30	9,73891,65243	3,21230	9,92239,63140	1,38008	9,81652,02103	4,59238	10,18347,97897	30	
	40	9,73894,86473	3,21196	9,92238,25132	1,38021	9,81656,61341	4,59218	10,18343,38659	20	
	50	9,73898,07669	3,21162	9,92236,87111	1,38037	9,81661,20559	4,59198	10,18338,79441	10	
15	0	9,73901,28831	3,21128	9,92235,49074	1,38051	9,81665,79757	4,59180	10,18334,20243	0	45
	10	9,73904,49959	3,21094	9,92234,11023	1,38066	9,81670,38937	4,59159	10,18329,61063	50	
	20	9,73907,71053	3,21061	9,92232,72957	1,38080	9,81674,98096	4,59141	10,18325,01904	40	
	30	9,73910,92114	3,21026	9,92231,34877	1,38095	9,81679,57237	4,59121	10,18320,42763	30	
	40	9,73914,13140	3,20992	9,92229,96782	1,38110	9,81684,16358	4,59102	10,18315,83642	20	
	50	9,73917,34132	3,20958	9,92228,58672	1,38124	9,81688,75460	4,59083	10,18311,24540	10	
16	0	9,73920,55090	3,20925	9,92227,20548	1,38139	9,81693,34543	4,59063	10,18306,65457	0	44
	10	9,73923,76015	3,20890	9,92225,82409	1,38153	9,81697,93606	4,59044	10,18302,06394	50	
	20	9,73926,96905	3,20857	9,92224,44256	1,38168	9,81702,52650	4,59024	10,18297,47350	40	
	30	9,73930,17762	3,20823	9,92223,06088	1,38183	9,81707,11674	4,59005	10,18292,88326	30	
	40	9,73933,38585	3,20788	9,92221,67905	1,38197	9,81711,70679	4,58986	10,18288,29321	20	
	50	9,73936,59373	3,20755	9,92220,29708	1,38212	9,81716,29665	4,58967	10,18283,70335	10	
17	0	9,73939,80128	3,20721	9,92218,91496	1,38226	9,81720,88632	4,58947	10,18279,11368	0	43
	10	9,73943,00849	3,20687	9,92217,53270	1,38241	9,81725,47579	4,58928	10,18274,52421	50	
	20	9,73946,21536	3,20654	9,92216,15029	1,38256	9,81730,06507	4,58909	10,18269,93493	40	
	30	9,73949,42190	3,20619	9,92214,76773	1,38270	9,81734,65416	4,58890	10,18265,34584	30	
	40	9,73952,62809	3,20585	9,92213,38503	1,38285	9,81739,24306	4,58870	10,18260,75694	20	
	50	9,73955,83394	3,20552	9,92212,00218	1,38299	9,81743,83176	4,58851	10,18256,16824	10	
18	0	9,73959,03946	3,20518	9,92210,61919	1,38314	9,81748,42027	4,58832	10,18251,57973	0	42
	10	9,73962,24464	3,20483	9,92209,23605	1,38329	9,81753,00859	4,58812	10,18246,99141	50	
	20	9,73965,44947	3,20450	9,92207,85276	1,38343	9,81757,59671	4,58794	10,18242,40329	40	
	30	9,73968,65397	3,20417	9,92206,46933	1,38358	9,81762,18465	4,58774	10,18237,81535	30	
	40	9,73971,85814	3,20382	9,92205,08575	1,38373	9,81766,77239	4,58755	10,18233,22761	20	
	50	9,73975,06196	3,20348	9,92203,70202	1,38387	9,81771,35994	4,58735	10,18228,64006	10	
19	0	9,73978,26544	3,20315	9,92202,31815	1,38402	9,81775,94729	4,58717	10,18224,05271	0	41
	10	9,73981,46859	3,20281	9,92200,93413	1,38416	9,81780,53446	4,58697	10,18219,46554	50	
	20	9,73984,67140	3,20247	9,92199,54997	1,38431	9,81785,12143	4,58678	10,18214,87857	40	
	30	9,73987,87387	3,20213	9,92198,16566	1,38446	9,81789,70821	4,58658	10,18210,29179	30	
	40	9,73991,07600	3,20179	9,92196,78120	1,38460	9,81794,29479	4,58640	10,18205,70521	20	
	50	9,73994,27779	3,20146	9,92195,39660	1,38475	9,81798,88119	4,58620	10,18201,11881	10	
20	0	9,73997,47925	3,20111	9,92194,01185	1,38489	9,81803,46739	4,58602	10,18196,53261	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,73997,47925		9,92194,01185		9,81803,46739		10,18196,53261	o	40
	10	9,74000,68036	3,20111	9,92192,62696	1,38489	9,81808,05341	4,58602	10,18191,94659	50	
	20	9,74003,88114	3,20078	9,92191,24192	1,38504	9,81812,63923	4,58582	10,18187,36077	40	
	30	9,74007,08158	3,20044	9,92189,85673	1,38519	9,81817,22485	4,58562	10,18182,77515	30	
	40	9,74010,28169	3,20011	9,92188,47140	1,38533	9,81821,81029	4,58544	10,18178,18971	20	
	50	9,74013,48145	3,19976	9,92187,08592	1,38548	9,81826,39554	4,58525	10,18173,60446	10	
21	0	9,74016,68088	3,19943	9,92185,70029	1,38563	9,81830,98059	4,58505	10,18169,01941	o	39
	10	9,74019,87997	3,19909	9,92184,31452	1,38577	9,81835,56545	4,58486	10,18164,43455	50	
	20	9,74023,07872	3,19875	9,92182,92860	1,38592	9,81840,15012	4,58467	10,18159,84988	40	
	30	9,74026,27714	3,19842	9,92181,54253	1,38607	9,81844,73460	4,58448	10,18155,26540	30	
	40	9,74029,47522	3,19808	9,92180,15632	1,38621	9,81849,31889	4,58429	10,18150,68111	20	
	50	9,74032,67295	3,19773	9,92178,76997	1,38635	9,81853,90299	4,58410	10,18146,09701	10	
22	0	9,74035,87036	3,19741	9,92177,38346	1,38651	9,81858,48689	4,58390	10,18141,51311	o	38
	10	9,74039,06742	3,19706	9,92175,99681	1,38665	9,81863,07061	4,58372	10,18136,92939	50	
	20	9,74042,26415	3,19673	9,92174,61001	1,38680	9,81867,65413	4,58352	10,18132,34587	40	
	30	9,74045,46054	3,19639	9,92173,22307	1,38694	9,81872,23747	4,58334	10,18127,76253	30	
	40	9,74048,65659	3,19605	9,92171,83598	1,38709	9,81876,82061	4,58314	10,18123,17939	20	
	50	9,74051,85231	3,19572	9,92170,44875	1,38723	9,81881,40356	4,58295	10,18118,59644	10	
23	0	9,74055,04768	3,19537	9,92169,06136	1,38739	9,81885,98632	4,58276	10,18114,01368	o	37
	10	9,74058,24272	3,19504	9,92167,67384	1,38752	9,81890,56889	4,58257	10,18109,43111	50	
	20	9,74061,43743	3,19471	9,92166,28616	1,38768	9,81895,15127	4,58238	10,18104,84873	40	
	30	9,74064,63179	3,19436	9,92164,89834	1,38782	9,81899,73346	4,58219	10,18100,26654	30	
	40	9,74067,82582	3,19403	9,92163,51037	1,38797	9,81904,31545	4,58199	10,18095,68455	20	
	50	9,74071,01952	3,19370	9,92162,12226	1,38811	9,81908,89726	4,58181	10,18091,10274	10	
24	0	9,74074,21287	3,19335	9,92160,73400	1,38826	9,81913,47888	4,58162	10,18086,52112	o	36
	10	9,74077,40589	3,19302	9,92159,34559	1,38841	9,81918,06030	4,58142	10,18081,93970	50	
	20	9,74080,59857	3,19268	9,92157,95703	1,38856	9,81922,64154	4,58124	10,18077,35846	40	
	30	9,74083,79092	3,19235	9,92156,56833	1,38870	9,81927,22258	4,58104	10,18072,77742	30	
	40	9,74086,98293	3,19201	9,92155,17949	1,38884	9,81931,80344	4,58086	10,18068,19656	20	
	50	9,74090,17460	3,19167	9,92153,79049	1,38900	9,81936,38410	4,58066	10,18063,61590	10	
25	0	9,74093,36593	3,19133	9,92152,40135	1,38914	9,81940,96458	4,58048	10,18059,03542	o	35
	10	9,74096,55693	3,19100	9,92151,01207	1,38928	9,81945,54486	4,58028	10,18054,45514	50	
	20	9,74099,74759	3,19066	9,92149,62264	1,38943	9,81950,12496	4,58010	10,18049,87504	40	
	30	9,74102,93792	3,19033	9,92148,23306	1,38958	9,81954,70486	4,57990	10,18045,29514	30	
	40	9,74106,12791	3,18999	9,92146,84333	1,38973	9,81959,28458	4,57972	10,18040,71542	20	
	50	9,74109,31756	3,18965	9,92145,45346	1,38987	9,81963,86410	4,57952	10,18036,13590	10	
26	0	9,74112,50688	3,18932	9,92144,06344	1,39002	9,81968,44344	4,57934	10,18031,55656	o	34
	10	9,74115,69586	3,18898	9,92142,67327	1,39017	9,81973,02259	4,57915	10,18026,97741	50	
	20	9,74118,88450	3,18864	9,92141,28296	1,39031	9,81977,60154	4,57895	10,18022,39846	40	
	30	9,74122,07281	3,18831	9,92139,89250	1,39046	9,81982,18031	4,57877	10,18017,81969	30	
	40	9,74125,26078	3,18797	9,92138,50190	1,39060	9,81986,75889	4,57858	10,18013,24111	20	
	50	9,74128,44842	3,18764	9,92137,11115	1,39075	9,81991,33727	4,57838	10,18008,66273	10	
27	0	9,74131,63572	3,18730	9,92135,72025	1,39090	9,81995,91547	4,57820	10,18004,08453	o	33
	10	9,74134,82268	3,18696	9,92134,32920	1,39105	9,82000,49348	4,57801	10,17999,50652	50	
	20	9,74138,00931	3,18663	9,92132,93801	1,39119	9,82005,07130	4,57782	10,17994,92870	40	
	30	9,74141,19560	3,18629	9,92131,54667	1,39134	9,82009,64893	4,57763	10,17990,35107	30	
	40	9,74144,38156	3,18596	9,92130,15519	1,39148	9,82014,22637	4,57744	10,17985,77363	20	
	50	9,74147,56718	3,18562	9,92128,76356	1,39163	9,82018,80362	4,57725	10,17981,19638	10	
28	0	9,74150,75246	3,18528	9,92127,37178	1,39178	9,82023,38069	4,57707	10,17976,61931	o	32
	10	9,74153,93741	3,18495	9,92125,97985	1,39193	9,82027,95756	4,57687	10,17972,04244	50	
	20	9,74157,12203	3,18462	9,92124,58778	1,39207	9,82032,53425	4,57669	10,17967,46575	40	
	30	9,74160,30630	3,18427	9,92123,19556	1,39222	9,82037,11074	4,57649	10,17962,88926	30	
	40	9,74163,49025	3,18395	9,92121,80320	1,39236	9,82041,68705	4,57631	10,17958,31295	20	
	50	9,74166,67385	3,18360	9,92120,41068	1,39252	9,82046,26317	4,57612	10,17953,73683	10	
29	0	9,74169,85713	3,18328	9,92119,01803	1,39265	9,82050,83910	4,57593	10,17949,16090	o	31
	10	9,74173,04006	3,18293	9,92117,62522	1,39281	9,82055,41484	4,57574	10,17944,58516	50	
	20	9,74176,22266	3,18260	9,92116,23227	1,39295	9,82059,99039	4,57555	10,17940,00961	40	
	30	9,74179,40493	3,18227	9,92114,83917	1,39310	9,82064,56576	4,57537	10,17935,43424	30	
	40	9,74182,58686	3,18193	9,92113,44592	1,39325	9,82069,14093	4,57517	10,17930,85907	20	
	50	9,74185,76845	3,18159	9,92112,05253	1,39339	9,82073,71592	4,57499	10,17926,28408	10	
30	0	9,74188,94971	3,18126	9,92110,65899	1,39354	9,82078,29072	4,57480	10,17921,70928	o	30
			3,18093		1,39368		4,57461			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,74188,94971	3,18093	9,92110,65899	1,39368	9,82078,29072	4,57461	10,17921,70928	0	30
31	10	9,74192,13064	3,18059	9,92109,26531	1,39384	9,82082,86533	4,57442	10,17917,13467	50	29
	20	9,74195,31123	3,18025	9,92107,87147	1,39398	9,82087,43975	4,57424	10,17912,56025	40	
	30	9,74198,49148	3,17992	9,92106,47749	1,39412	9,82092,01399	4,57404	10,17907,98601	30	
	40	9,74201,67140	3,17959	9,92105,08337	1,39428	9,82096,58803	4,57386	10,17903,41197	20	
	50	9,74204,85099	3,17925	9,92103,68909	1,39442	9,82101,16189	4,57367	10,17898,83811	10	
32	0	9,74208,03024	3,17891	9,92102,29467	1,39456	9,82105,73556	4,57349	10,17894,26444	0	28
	10	9,74211,20915	3,17858	9,92100,90011	1,39472	9,82110,30905	4,57329	10,17889,69095	50	
	20	9,74214,38773	3,17825	9,92099,50539	1,39486	9,82114,88234	4,57311	10,17885,11766	40	
	30	9,74217,56598	3,17791	9,92098,11053	1,39501	9,82119,45545	4,57292	10,17880,54455	30	
	40	9,74220,74389	3,17758	9,92096,71552	1,39515	9,82124,02837	4,57273	10,17875,97163	20	
33	50	9,74223,92147	3,17724	9,92095,32037	1,39530	9,82128,60110	4,57254	10,17871,39890	10	27
	0	9,74227,09871	3,17691	9,92093,92507	1,39545	9,82133,17364	4,57236	10,17866,82636	0	
	10	9,74230,27562	3,17657	9,92092,52962	1,39560	9,82137,74600	4,57217	10,17862,25400	50	
	20	9,74233,45219	3,17624	9,92091,13402	1,39574	9,82142,31817	4,57198	10,17857,68183	40	
	30	9,74236,62843	3,17590	9,92089,73828	1,39589	9,82146,89015	4,57179	10,17853,10985	30	
34	40	9,74239,80433	3,17557	9,92088,34239	1,39603	9,82151,46194	4,57161	10,17848,53806	20	26
	50	9,74242,97990	3,17524	9,92086,94636	1,39619	9,82156,03355	4,57141	10,17843,96645	10	
	0	9,74246,15514	3,17490	9,92085,55017	1,39633	9,82160,60496	4,57124	10,17839,39504	0	
	10	9,74249,33004	3,17457	9,92084,15384	1,39647	9,82165,17620	4,57104	10,17834,82380	50	
	20	9,74252,50461	3,17423	9,92082,75737	1,39663	9,82169,74724	4,57086	10,17830,25276	40	
35	30	9,74255,67884	3,17390	9,92081,36074	1,39677	9,82174,31810	4,57067	10,17825,68190	30	25
	40	9,74258,85274	3,17356	9,92079,96397	1,39692	9,82178,88877	4,57048	10,17821,11123	20	
	50	9,74262,02630	3,17324	9,92078,56705	1,39706	9,82183,45925	4,57030	10,17816,54075	10	
	0	9,74265,19954	3,17289	9,92077,16999	1,39721	9,82188,02955	4,57011	10,17811,97045	0	
	10	9,74268,37243	3,17257	9,92075,77278	1,39736	9,82192,59966	4,56992	10,17807,40034	50	
36	20	9,74271,54500	3,17223	9,92074,37542	1,39751	9,82197,16958	4,56974	10,17802,83042	40	24
	30	9,74274,71723	3,17189	9,92072,97791	1,39765	9,82201,73932	4,56955	10,17798,26068	30	
	40	9,74277,88912	3,17157	9,92071,58026	1,39780	9,82206,30887	4,56936	10,17793,69113	20	
	50	9,74281,06069	3,17122	9,92070,18246	1,39795	9,82210,87823	4,56917	10,17789,12177	10	
	0	9,74284,23191	3,17090	9,92068,78451	1,39809	9,82215,44740	4,56899	10,17784,55260	0	
37	10	9,74287,40281	3,17056	9,92067,38642	1,39825	9,82220,01639	4,56881	10,17779,98361	50	23
	20	9,74290,57337	3,17023	9,92065,98817	1,39838	9,82224,58520	4,56861	10,17775,41480	40	
	30	9,74293,74360	3,16989	9,92064,58979	1,39854	9,82229,15381	4,56843	10,17770,84619	30	
	40	9,74296,91349	3,16956	9,92063,19125	1,39868	9,82233,72224	4,56825	10,17766,27776	20	
	50	9,74300,08305	3,16923	9,92061,79257	1,39883	9,82238,29049	4,56805	10,17761,70951	10	
38	0	9,74303,25228	3,16890	9,92060,39374	1,39898	9,82242,85854	4,56788	10,17757,14146	0	22
	10	9,74306,42118	3,16856	9,92058,99476	1,39912	9,82247,42642	4,56768	10,17752,57358	50	
	20	9,74309,58974	3,16822	9,92057,59564	1,39928	9,82251,99410	4,56750	10,17748,00590	40	
	30	9,74312,75796	3,16790	9,92056,19636	1,39941	9,82256,56160	4,56731	10,17743,43840	30	
	40	9,74315,92586	3,16756	9,92054,79695	1,39957	9,82261,12891	4,56713	10,17738,87109	20	
39	50	9,74319,09342	3,16723	9,92053,39738	1,39971	9,82265,69604	4,56694	10,17734,30396	10	21
	0	9,74322,26065	3,16689	9,92051,99767	1,39986	9,82270,26298	4,56676	10,17729,73702	0	
	10	9,74325,42754	3,16657	9,92050,59781	1,40001	9,82274,82974	4,56657	10,17725,17026	50	
	20	9,74328,59411	3,16623	9,92049,19780	1,40015	9,82279,39631	4,56638	10,17720,60369	40	
	30	9,74331,76034	3,16589	9,92047,79765	1,40031	9,82283,96269	4,56620	10,17716,03731	30	
40	40	9,74334,92623	3,16557	9,92046,39734	1,40045	9,82288,52889	4,56601	10,17711,47111	20	20
	50	9,74338,09180	3,16523	9,92044,99689	1,40059	9,82293,09490	4,56583	10,17706,90510	10	
	0	9,74341,25703	3,16490	9,92043,59630	1,40075	9,82297,66073	4,56564	10,17702,33927	0	
	10	9,74344,42193	3,16456	9,92042,19555	1,40089	9,82302,22637	4,56546	10,17697,77363	50	
	20	9,74347,58649	3,16423	9,92040,79466	1,40103	9,82306,79183	4,56527	10,17693,20817	40	
41	30	9,74350,75072	3,16390	9,92039,39363	1,40119	9,82311,35710	4,56508	10,17688,64290	30	19
	40	9,74353,91462	3,16357	9,92037,99244	1,40133	9,82315,92218	4,56490	10,17684,07782	20	
	50	9,74357,07819	3,16324	9,92036,59111	1,40148	9,82320,48708	4,56472	10,17679,51292	10	
	0	9,74360,24143	3,16290	9,92035,18963	1,40163	9,82325,05180	4,56453	10,17674,94820	0	
	10	9,74363,40433	3,16257	9,92033,78800	1,40177	9,82329,61633	4,56434	10,17670,38367	50	
42	20	9,74366,56690	3,16224	9,92032,38623	1,40193	9,82334,18067	4,56416	10,17665,81933	40	18
	30	9,74369,72914	3,16190	9,92030,98430	1,40206	9,82338,74483	4,56398	10,17661,25517	30	
	40	9,74372,89104	3,16158	9,92029,58224	1,40222	9,82343,30881	4,56379	10,17656,69119	20	
	50	9,74376,05262	3,16124	9,92028,18002	1,40237	9,82347,87260	4,56360	10,17652,12740	10	
	0	9,74379,21386	3,16091	9,92026,77765	1,40251	9,82352,43620	4,56342	10,17647,56380	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,74379,21386	3,16091	9,92026,77765	1,40251	9,82352,43620	4,56342	10,17647,56380	0	20
	10	9,74382,37477	3,16057	9,92025,37514	1,40266	9,82356,99962	4,56324	10,17643,00038	50	
	20	9,74385,53534	3,16025	9,92023,97248	1,40280	9,82361,56286	4,56305	10,17638,43714	40	
	30	9,74388,69559	3,15991	9,92022,56968	1,40295	9,82366,12591	4,56287	10,17633,87409	30	
	40	9,74391,85550	3,15958	9,92021,16673	1,40311	9,82370,68878	4,56268	10,17629,31122	20	
	50	9,74395,01508	3,15925	9,92019,76362	1,40324	9,82375,25146	4,56250	10,17624,74854	10	
41	0	9,74398,17433	3,15892	9,92018,36038	1,40340	9,82379,81396	4,56231	10,17620,18604	0	19
	10	9,74401,33325	3,15858	9,92016,95698	1,40354	9,82384,37627	4,56213	10,17615,62373	50	
	20	9,74404,49183	3,15826	9,92015,55344	1,40369	9,82388,93840	4,56194	10,17611,06160	40	
	30	9,74407,65009	3,15792	9,92014,14975	1,40384	9,82393,50034	4,56176	10,17606,49966	30	
	40	9,74410,80801	3,15759	9,92012,74591	1,40399	9,82398,06210	4,56158	10,17601,93790	20	
	50	9,74413,96560	3,15726	9,92011,34192	1,40413	9,82402,62368	4,56139	10,17597,37632	10	
42	0	9,74417,12286	3,15692	9,92009,93779	1,40428	9,82407,18507	4,56120	10,17592,81493	0	18
	10	9,74420,27978	3,15660	9,92008,53351	1,40443	9,82411,74627	4,56103	10,17588,25373	50	
	20	9,74423,43638	3,15626	9,92007,12908	1,40457	9,82416,30730	4,56084	10,17583,69270	40	
	30	9,74426,59264	3,15594	9,92005,72451	1,40473	9,82420,86814	4,56065	10,17579,13186	30	
	40	9,74429,74858	3,15560	9,92004,31978	1,40487	9,82425,42879	4,56047	10,17574,57121	20	
	50	9,74432,90418	3,15527	9,92002,91491	1,40501	9,82429,98926	4,56029	10,17570,01074	10	
43	0	9,74436,05945	3,15494	9,92001,50990	1,40517	9,82434,54955	4,56011	10,17565,45045	0	17
	10	9,74439,21439	3,15460	9,92000,10473	1,40531	9,82439,10966	4,55992	10,17560,89034	50	
	20	9,74442,36899	3,15428	9,91998,69942	1,40546	9,82443,66958	4,55973	10,17556,33042	40	
	30	9,74445,52327	3,15394	9,91997,29396	1,40561	9,82448,22931	4,55955	10,17551,77069	30	
	40	9,74448,67721	3,15362	9,91995,88835	1,40576	9,82452,78886	4,55937	10,17547,21114	20	
	50	9,74451,83083	3,15328	9,91994,48259	1,40590	9,82457,34823	4,55919	10,17542,65177	10	
44	0	9,74454,98411	3,15295	9,91993,07669	1,40605	9,82461,90742	4,55900	10,17538,09258	0	16
	10	9,74458,13706	3,15262	9,91991,67064	1,40620	9,82466,46642	4,55882	10,17533,53358	50	
	20	9,74461,28968	3,15229	9,91990,26444	1,40635	9,82471,02524	4,55864	10,17528,97476	40	
	30	9,74464,44197	3,15196	9,91988,85809	1,40649	9,82475,58388	4,55845	10,17524,41612	30	
	40	9,74467,59393	3,15163	9,91987,45160	1,40664	9,82480,14233	4,55827	10,17519,85767	20	
	50	9,74470,74556	3,15130	9,91986,04496	1,40679	9,82484,70060	4,55809	10,17515,29940	10	
45	0	9,74473,89686	3,15096	9,91984,63817	1,40694	9,82489,25869	4,55790	10,17510,74131	0	15
	10	9,74477,04782	3,15064	9,91983,23123	1,40708	9,82493,81659	4,55772	10,17506,18341	50	
	20	9,74480,19846	3,15030	9,91981,82415	1,40723	9,82498,37431	4,55754	10,17501,62569	40	
	30	9,74483,34876	3,14998	9,91980,41692	1,40738	9,82502,93185	4,55735	10,17497,06815	30	
	40	9,74486,49874	3,14964	9,91979,00954	1,40753	9,82507,48920	4,55717	10,17492,51080	20	
	50	9,74489,64838	3,14932	9,91977,60201	1,40768	9,82512,04637	4,55699	10,17487,95363	10	
46	0	9,74492,79770	3,14898	9,91976,19433	1,40782	9,82516,60336	4,55681	10,17483,39664	0	14
	10	9,74495,94668	3,14865	9,91974,78651	1,40797	9,82521,16017	4,55662	10,17478,83983	50	
	20	9,74499,09533	3,14833	9,91973,37854	1,40812	9,82525,71679	4,55644	10,17474,28321	40	
	30	9,74502,24366	3,14799	9,91971,97042	1,40826	9,82530,27323	4,55626	10,17469,72677	30	
	40	9,74505,39165	3,14766	9,91970,56216	1,40842	9,82534,82949	4,55608	10,17465,17051	20	
	50	9,74508,53931	3,14733	9,91969,15374	1,40856	9,82539,38557	4,55589	10,17460,61443	10	
47	0	9,74511,68664	3,14700	9,91967,74518	1,40871	9,82543,94146	4,55571	10,17456,05854	0	13
	10	9,74514,83364	3,14668	9,91966,33647	1,40885	9,82548,49717	4,55553	10,17451,50283	50	
	20	9,74517,98032	3,14634	9,91964,92762	1,40901	9,82553,05270	4,55535	10,17446,94730	40	
	30	9,74521,12666	3,14601	9,91963,51861	1,40915	9,82557,60805	4,55516	10,17442,39195	30	
	40	9,74524,27267	3,14568	9,91962,10946	1,40930	9,82562,16321	4,55498	10,17437,83679	20	
	50	9,74527,41835	3,14535	9,91960,70016	1,40945	9,82566,71819	4,55480	10,17433,28181	10	
48	0	9,74530,56370	3,14502	9,91959,29071	1,40960	9,82571,27299	4,55462	10,17428,72701	0	12
	10	9,74533,70872	3,14470	9,91957,88111	1,40974	9,82575,82761	4,55444	10,17424,17239	50	
	20	9,74536,85342	3,14436	9,91956,47137	1,40989	9,82580,38205	4,55425	10,17419,61795	40	
	30	9,74539,99778	3,14403	9,91955,06148	1,41004	9,82584,93630	4,55407	10,17415,06370	30	
	40	9,74543,14181	3,14370	9,91953,65144	1,41019	9,82589,49037	4,55389	10,17410,50963	20	
	50	9,74546,28551	3,14338	9,91952,24125	1,41033	9,82594,04426	4,55371	10,17405,95574	10	
49	0	9,74549,42889	3,14304	9,91950,83092	1,41049	9,82598,59797	4,55353	10,17401,40203	0	11
	10	9,74552,57193	3,14272	9,91949,42043	1,41063	9,82603,15150	4,55334	10,17396,84850	50	
	20	9,74555,71465	3,14238	9,91948,00980	1,41078	9,82607,70484	4,55317	10,17392,29516	40	
	30	9,74558,85703	3,14206	9,91946,59902	1,41093	9,82612,25801	4,55298	10,17387,74199	30	
	40	9,74561,99909	3,14172	9,91945,18809	1,41107	9,82616,81099	4,55280	10,17383,18901	20	
	50	9,74565,14081	3,14140	9,91943,77702	1,41122	9,82621,36379	4,55262	10,17378,63621	10	
50	0	9,74568,28221	3,14107	9,91942,36580	1,41137	9,82625,91641	4,55244	10,17374,08359	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,74568,28221		9,91942,36580		9,82625,91641		10,17374,08359	0	10
	10	9,74571,42328	3,14107	9,91940,95443	1,41137	9,82630,46885	4,55244	10,17369,53115	50	
	20	9,74574,56401	3,14073	9,91939,54291	1,41152	9,82635,02111	4,55226	10,17364,97889	40	
	30	9,74577,70442	3,14041	9,91938,13124	1,41167	9,82639,57318	4,55207	10,17360,42682	30	
	40	9,74580,84450	3,14008	9,91936,71943	1,41181	9,82644,12508	4,55190	10,17355,87492	20	
	50	9,74583,98425	3,13975	9,91935,30746	1,41197	9,82648,67679	4,55171	10,17351,32321	10	
51	0	9,74587,12367	3,13942	9,91933,89535	1,41211	9,82653,22832	4,55153	10,17346,77168	0	9
	10	9,74590,26277	3,13910	9,91932,48309	1,41226	9,82657,77967	4,55135	10,17342,22033	50	
	20	9,74593,40153	3,13876	9,91931,07069	1,41240	9,82662,33084	4,55117	10,17337,66916	40	
	30	9,74596,53997	3,13844	9,91929,65813	1,41256	9,82666,88183	4,55099	10,17333,11817	30	
	40	9,74599,67807	3,13810	9,91928,24543	1,41270	9,82671,43264	4,55081	10,17328,56736	20	
	50	9,74602,81585	3,13778	9,91926,83258	1,41285	9,82675,98327	4,55063	10,17324,01673	10	
52	0	9,74605,95330	3,13745	9,91925,41958	1,41300	9,82680,53372	4,55045	10,17319,46628	0	8
	10	9,74609,09042	3,13712	9,91924,00643	1,41315	9,82685,08398	4,55026	10,17314,91602	50	
	20	9,74612,22721	3,13679	9,91922,59314	1,41329	9,82689,63407	4,55009	10,17310,36593	40	
	30	9,74615,36367	3,13646	9,91921,17970	1,41344	9,82694,18397	4,54990	10,17305,81603	30	
	40	9,74618,49980	3,13613	9,91919,76611	1,41359	9,82698,73370	4,54973	10,17301,26630	20	
	50	9,74621,63561	3,13581	9,91918,35237	1,41374	9,82703,28324	4,54954	10,17296,71676	10	
53	0	9,74624,77109	3,13548	9,91916,93848	1,41389	9,82707,83261	4,54937	10,17292,16739	0	7
	10	9,74627,90624	3,13515	9,91915,52444	1,41404	9,82712,38179	4,54918	10,17287,61821	50	
	20	9,74631,04106	3,13482	9,91914,11026	1,41418	9,82716,93079	4,54900	10,17283,06921	40	
	30	9,74634,17555	3,13449	9,91912,69593	1,41433	9,82721,47962	4,54883	10,17278,52038	30	
	40	9,74637,30971	3,13416	9,91911,28145	1,41448	9,82726,02826	4,54864	10,17273,97174	20	
	50	9,74640,44355	3,13384	9,91909,86682	1,41463	9,82730,57672	4,54846	10,17269,42328	10	
54	0	9,74643,57705	3,13350	9,91908,45205	1,41477	9,82735,12501	4,54829	10,17264,87499	0	6
	10	9,74646,71023	3,13318	9,91907,03712	1,41493	9,82739,67311	4,54810	10,17260,32689	50	
	20	9,74649,84308	3,13285	9,91905,62205	1,41507	9,82744,22103	4,54792	10,17255,77897	40	
	30	9,74652,97560	3,13252	9,91904,20683	1,41522	9,82748,76878	4,54775	10,17251,23122	30	
	40	9,74656,10780	3,13220	9,91902,79146	1,41537	9,82753,31634	4,54756	10,17246,68366	20	
	50	9,74659,23967	3,13187	9,91901,37594	1,41552	9,82757,86372	4,54738	10,17242,13628	10	
55	0	9,74662,37121	3,13154	9,91899,96028	1,41566	9,82762,41093	4,54721	10,17237,58907	0	5
	10	9,74665,50242	3,13121	9,91898,54446	1,41582	9,82766,95795	4,54702	10,17233,04205	50	
	20	9,74668,63330	3,13088	9,91897,12850	1,41596	9,82771,50480	4,54685	10,17228,49520	40	
	30	9,74671,76385	3,13055	9,91895,71239	1,41611	9,82776,05146	4,54666	10,17223,94854	30	
	40	9,74674,89408	3,13023	9,91894,29613	1,41626	9,82780,59795	4,54649	10,17219,40205	20	
	50	9,74678,02398	3,12990	9,91892,87973	1,41640	9,82785,14425	4,54630	10,17214,85575	10	
56	0	9,74681,15355	3,12957	9,91891,46317	1,41656	9,82789,69038	4,54613	10,17210,30962	0	4
	10	9,74684,28280	3,12925	9,91890,04647	1,41670	9,82794,23633	4,54595	10,17205,76367	50	
	20	9,74687,41172	3,12892	9,91888,62962	1,41685	9,82798,78210	4,54577	10,17201,21790	40	
	30	9,74690,54031	3,12859	9,91887,21262	1,41700	9,82803,32769	4,54559	10,17196,67231	30	
	40	9,74693,66857	3,12826	9,91885,79547	1,41715	9,82807,87310	4,54541	10,17192,12690	20	
	50	9,74696,79650	3,12793	9,91884,37818	1,41729	9,82812,41833	4,54523	10,17187,58167	10	
57	0	9,74699,92411	3,12761	9,91882,96073	1,41745	9,82816,96338	4,54505	10,17183,03662	0	3
	10	9,74703,05139	3,12728	9,91881,54314	1,41759	9,82821,50825	4,54487	10,17178,49175	50	
	20	9,74706,17835	3,12696	9,91880,12540	1,41774	9,82826,05295	4,54470	10,17173,94705	40	
	30	9,74709,30497	3,12662	9,91878,70751	1,41789	9,82830,59746	4,54451	10,17169,40254	30	
	40	9,74712,43127	3,12630	9,91877,28947	1,41804	9,82835,14180	4,54434	10,17164,85820	20	
	50	9,74715,55724	3,12597	9,91875,87128	1,41819	9,82839,68596	4,54416	10,17160,31404	10	
58	0	9,74718,68289	3,12565	9,91874,45295	1,41833	9,82844,22994	4,54398	10,17155,77006	0	2
	10	9,74721,80820	3,12531	9,91873,03446	1,41849	9,82848,77374	4,54380	10,17151,22626	50	
	20	9,74724,93319	3,12499	9,91871,61583	1,41863	9,82853,31736	4,54362	10,17146,68264	40	
	30	9,74728,05786	3,12467	9,91870,19705	1,41878	9,82857,86081	4,54345	10,17142,13919	30	
	40	9,74731,18220	3,12434	9,91868,77812	1,41893	9,82862,40407	4,54326	10,17137,59593	20	
	50	9,74734,30621	3,12401	9,91867,35905	1,41907	9,82866,94716	4,54309	10,17133,05284	10	
59	0	9,74737,42989	3,12368	9,91865,93982	1,41923	9,82871,49007	4,54291	10,17128,50993	0	1
	10	9,74740,55325	3,12336	9,91864,52045	1,41937	9,82876,03280	4,54273	10,17123,96720	50	
	20	9,74743,67628	3,12303	9,91863,10093	1,41952	9,82880,57535	4,54255	10,17119,42465	40	
	30	9,74746,79898	3,12270	9,91861,68126	1,41967	9,82885,11772	4,54237	10,17114,88228	30	
	40	9,74749,92136	3,12238	9,91860,26144	1,41982	9,82889,65992	4,54220	10,17110,34008	20	
	50	9,74753,04341	3,12205	9,91858,84147	1,41997	9,82894,20194	4,54202	10,17105,79806	10	
60	0	9,74756,16513	3,12172	9,91857,42135	1,42012	9,82898,74378	4,54184	10,17101,25622	0	0
		Sin. Comple.	3,12140	SINVVM	1,42026	Tang. compl.	4,54166	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,74756,16513		9,91857,42135		9,82898,74378		10,17101,25622	o	60
	10	9,74759,28653	3,12140	9,91856,00109	1,42026	9,82903,28544	4,54166	10,17096,71456	50	
	20	9,74762,40760	3,12107	9,91854,58067	1,42042	9,82907,82692	4,54148	10,17092,17308	40	
	30	9,74765,52834	3,12074	9,91853,16011	1,42056	9,82912,36823	4,54131	10,17087,63177	30	
	40	9,74768,64876	3,12042	9,91851,73940	1,42071	9,82916,90936	4,54113	10,17083,09064	20	
	50	9,74771,76885	3,12009	9,91850,31854	1,42086	9,82921,45031	4,54095	10,17078,54969	10	
1	0	9,74774,88862	3,11977	9,91848,89754	1,42100	9,82925,99108	4,54077	10,17074,00892	o	59
	10	9,74778,00806	3,11944	9,91847,47638	1,42116	9,82930,53168	4,54060	10,17069,46832	50	
	20	9,74781,12717	3,11911	9,91846,05507	1,42131	9,82935,07210	4,54042	10,17064,92790	40	
	30	9,74784,24596	3,11879	9,91844,63362	1,42145	9,82939,61234	4,54024	10,17060,38766	30	
	40	9,74787,36442	3,11846	9,91843,21202	1,42160	9,82944,15240	4,54006	10,17055,84760	20	
	50	9,74790,48255	3,11813	9,91841,79027	1,42175	9,82948,69228	4,53988	10,17051,30772	10	
2	0	9,74793,60036	3,11781	9,91840,36837	1,42190	9,82953,23199	4,53971	10,17046,76801	o	58
	10	9,74796,71785	3,11749	9,91838,94632	1,42205	9,82957,77152	4,53953	10,17042,22848	50	
	20	9,74799,83500	3,11715	9,91837,52413	1,42219	9,82962,31088	4,53936	10,17037,68912	40	
	30	9,74802,95184	3,11684	9,91836,10178	1,42235	9,82966,85006	4,53918	10,17033,14994	30	
	40	9,74806,06834	3,11650	9,91834,67929	1,42249	9,82971,38906	4,53900	10,17028,61094	20	
	50	9,74809,18452	3,11618	9,91833,25664	1,42265	9,82975,92788	4,53882	10,17024,07212	10	
3	0	9,74812,30038	3,11586	9,91831,83385	1,42279	9,82980,46652	4,53864	10,17019,53348	o	57
	10	9,74815,41591	3,11553	9,91830,41091	1,42294	9,82985,00499	4,53847	10,17014,99501	50	
	20	9,74818,53111	3,11520	9,91828,98782	1,42309	9,82989,54329	4,53830	10,17010,45671	40	
	30	9,74821,64599	3,11488	9,91827,56459	1,42323	9,82994,08140	4,53811	10,17005,91860	30	
	40	9,74824,76054	3,11455	9,91826,14120	1,42339	9,82998,61934	4,53794	10,17001,38066	20	
	50	9,74827,87477	3,11423	9,91824,71767	1,42353	9,83003,15710	4,53776	10,16996,84290	10	
4	0	9,74830,98867	3,11390	9,91823,29398	1,42369	9,83007,69469	4,53759	10,16992,30531	o	56
	10	9,74834,10225	3,11358	9,91821,87015	1,42383	9,83012,23210	4,53741	10,16987,76790	50	
	20	9,74837,21550	3,11325	9,91820,44617	1,42398	9,83016,76933	4,53723	10,16983,23067	40	
	30	9,74840,32842	3,11292	9,91819,02204	1,42413	9,83021,30638	4,53705	10,16978,69362	30	
	40	9,74843,44102	3,11260	9,91817,59776	1,42428	9,83025,84326	4,53688	10,16974,15674	20	
	50	9,74846,55330	3,11228	9,91816,17333	1,42443	9,83030,37997	4,53671	10,16969,62003	10	
5	0	9,74849,66525	3,11195	9,91814,74876	1,42457	9,83034,91649	4,53652	10,16965,08351	o	55
	10	9,74852,77688	3,11163	9,91813,32403	1,42473	9,83039,45284	4,53635	10,16960,54716	50	
	20	9,74855,88818	3,11130	9,91811,89916	1,42487	9,83043,98902	4,53618	10,16956,01098	40	
	30	9,74858,99915	3,11097	9,91810,47414	1,42502	9,83048,52502	4,53600	10,16951,47498	30	
	40	9,74862,10980	3,11065	9,91809,04897	1,42517	9,83053,06084	4,53582	10,16946,93916	20	
	50	9,74865,22013	3,11033	9,91807,62365	1,42532	9,83057,59648	4,53564	10,16942,40352	10	
6	0	9,74868,33013	3,11000	9,91806,19818	1,42547	9,83062,13195	4,53547	10,16937,86805	o	54
	10	9,74871,43981	3,10968	9,91804,77256	1,42562	9,83066,66725	4,53530	10,16933,33275	50	
	20	9,74874,54916	3,10935	9,91803,34679	1,42577	9,83071,20237	4,53512	10,16928,79763	40	
	30	9,74877,65818	3,10902	9,91801,92088	1,42591	9,83075,73731	4,53494	10,16924,26269	30	
	40	9,74880,76689	3,10871	9,91800,49481	1,42607	9,83080,27208	4,53477	10,16919,72792	20	
	50	9,74883,87526	3,10837	9,91799,06860	1,42621	9,83084,80667	4,53459	10,16915,19333	10	
7	0	9,74886,98332	3,10806	9,91797,64223	1,42637	9,83089,34108	4,53441	10,16910,65892	o	53
	10	9,74890,09105	3,10773	9,91796,21572	1,42651	9,83093,87532	4,53424	10,16906,12468	50	
	20	9,74893,19845	3,10740	9,91794,78906	1,42666	9,83098,40939	4,53407	10,16901,59061	40	
	30	9,74896,30553	3,10708	9,91793,36225	1,42681	9,83102,94328	4,53389	10,16897,05672	30	
	40	9,74899,41229	3,10676	9,91791,93530	1,42695	9,83107,47699	4,53371	10,16892,52301	20	
	50	9,74902,51872	3,10643	9,91790,50819	1,42711	9,83112,01053	4,53354	10,16887,98947	10	
8	0	9,74905,62482	3,10610	9,91789,08093	1,42726	9,83116,54389	4,53336	10,16883,45611	o	52
	10	9,74908,73061	3,10579	9,91787,65353	1,42740	9,83121,07708	4,53319	10,16878,92292	50	
	20	9,74911,83607	3,10546	9,91786,22597	1,42756	9,83125,61009	4,53301	10,16874,38991	40	
	30	9,74914,94120	3,10513	9,91784,79827	1,42770	9,83130,14293	4,53284	10,16869,85707	30	
	40	9,74918,04601	3,10481	9,91783,37042	1,42785	9,83134,67559	4,53266	10,16865,32441	20	
	50	9,74921,15050	3,10449	9,91781,94242	1,42800	9,83139,20808	4,53249	10,16860,79192	10	
9	0	9,74924,25466	3,10416	9,91780,51426	1,42816	9,83143,74039	4,53231	10,16856,25961	o	51
	10	9,74927,35850	3,10384	9,91779,08597	1,42829	9,83148,27253	4,53214	10,16851,72747	50	
	20	9,74930,46201	3,10351	9,91777,65752	1,42845	9,83152,80450	4,53197	10,16847,19550	40	
	30	9,74933,56520	3,10319	9,91776,22892	1,42860	9,83157,33628	4,53178	10,16842,66372	30	
	40	9,74936,66807	3,10287	9,91774,80017	1,42875	9,83161,86790	4,53162	10,16838,13210	20	
	50	9,74939,77061	3,10254	9,91773,37128	1,42889	9,83166,39934	4,53144	10,16833,60066	10	
10	0	9,74942,87283	3,10222	9,91771,94223	1,42905	9,83170,93060	4,53126	10,16829,06940	o	50
		Sin. Comple.	3,10190	SINVVM	1,42919	Tang. compl.	4,53109	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,74942,87283		9,91771,94223		9,83170,93060		10,16829,06940	0	50
	10	9,74945,97473	3,10190	9,91770,51304	1,42919	9,83175,46169	4,53109	10,16824,53831	50	
	20	9,74949,07630	3,10157	9,91769,08370	1,42934	9,83179,99261	4,53092	10,16820,00739	40	
	30	9,74952,17755	3,10125	9,91767,65420	1,42950	9,83184,52335	4,53074	10,16815,47665	30	
	40	9,74955,27847	3,10092	9,91766,22456	1,42964	9,83189,05391	4,53056	10,16810,94609	20	
	50	9,74958,37908	3,10061	9,91764,79477	1,42979	9,83193,58430	4,53039	10,16806,41570	10	
11	0	9,74961,47936	3,10028	9,91763,36483	1,42994	9,83198,11452	4,53022	10,16801,88548	0	49
	10	9,74964,57931	3,09995	9,91761,93474	1,43009	9,83202,64457	4,53005	10,16797,35543	50	
	20	9,74967,67894	3,09963	9,91760,50451	1,43023	9,83207,17444	4,52987	10,16792,82556	40	
	30	9,74970,77825	3,09931	9,91759,07412	1,43039	9,83211,70413	4,52969	10,16788,29587	30	
	40	9,74973,87724	3,09899	9,91757,64358	1,43054	9,83216,23365	4,52952	10,16783,76635	20	
	50	9,74976,97590	3,09866	9,91756,21290	1,43068	9,83220,76300	4,52935	10,16779,23700	10	
12	0	9,74980,07424	3,09834	9,91754,78206	1,43084	9,83225,29217	4,52917	10,16774,70783	0	48
	10	9,74983,17225	3,09801	9,91753,35108	1,43098	9,83229,82117	4,52900	10,16770,17883	50	
	20	9,74986,26994	3,09769	9,91751,91995	1,43113	9,83234,35000	4,52883	10,16765,65000	40	
	30	9,74989,36731	3,09737	9,91750,48866	1,43129	9,83238,87865	4,52865	10,16761,12135	30	
	40	9,74992,46436	3,09705	9,91749,05723	1,43143	9,83243,40713	4,52848	10,16756,59287	20	
	50	9,74995,56108	3,09672	9,91747,62565	1,43158	9,83247,93543	4,52830	10,16752,06457	10	
13	0	9,74998,65749	3,09641	9,91746,19392	1,43173	9,83252,46356	4,52813	10,16747,53644	0	47
	10	9,75001,75356	3,09607	9,91744,76204	1,43188	9,83256,99152	4,52796	10,16743,00848	50	
	20	9,75004,84932	3,09576	9,91743,33001	1,43203	9,83261,51931	4,52779	10,16738,48069	40	
	30	9,75007,94475	3,09543	9,91741,89783	1,43218	9,83266,04692	4,52761	10,16733,95308	30	
	40	9,75011,03986	3,09511	9,91740,46551	1,43232	9,83270,57435	4,52743	10,16729,42565	20	
	50	9,75014,13465	3,09479	9,91739,03303	1,43248	9,83275,10162	4,52727	10,16724,89838	10	
14	0	9,75017,22911	3,09446	9,91737,60040	1,43263	9,83279,62871	4,52709	10,16720,37129	0	46
	10	9,75020,32325	3,09414	9,91736,16763	1,43277	9,83284,15563	4,52692	10,16715,84437	50	
	20	9,75023,41707	3,09382	9,91734,73470	1,43293	9,83288,68237	4,52674	10,16711,31763	40	
	30	9,75026,51057	3,09350	9,91733,30163	1,43307	9,83293,20894	4,52657	10,16706,79106	30	
	40	9,75029,60375	3,09318	9,91731,86841	1,43322	9,83297,73534	4,52640	10,16702,26466	20	
	50	9,75032,69660	3,09285	9,91730,43503	1,43338	9,83302,26156	4,52622	10,16697,73844	10	
15	0	9,75035,78913	3,09253	9,91729,00151	1,43352	9,83306,78762	4,52606	10,16693,21238	0	45
	10	9,75038,88134	3,09221	9,91727,56784	1,43367	9,83311,31350	4,52588	10,16688,68650	50	
	20	9,75041,97322	3,09188	9,91726,13402	1,43382	9,83315,83920	4,52570	10,16684,16080	40	
	30	9,75045,06479	3,09157	9,91724,70005	1,43397	9,83320,36474	4,52554	10,16679,63526	30	
	40	9,75048,15603	3,09124	9,91723,26593	1,43412	9,83324,89010	4,52536	10,16675,10990	20	
	50	9,75051,24695	3,09092	9,91721,83166	1,43427	9,83329,41529	4,52519	10,16670,58471	10	
16	0	9,75054,33754	3,09059	9,91720,39724	1,43442	9,83333,94030	4,52501	10,16666,05970	0	44
	10	9,75057,42782	3,09028	9,91718,96267	1,43457	9,83338,46515	4,52485	10,16661,53485	50	
	20	9,75060,51777	3,08995	9,91717,52795	1,43472	9,83342,98982	4,52467	10,16657,01018	40	
	30	9,75063,60740	3,08963	9,91716,09309	1,43486	9,83347,51432	4,52450	10,16652,48568	30	
	40	9,75066,69671	3,08931	9,91714,65807	1,43502	9,83352,03864	4,52432	10,16647,96136	20	
	50	9,75069,78570	3,08899	9,91713,22290	1,43517	9,83356,56280	4,52416	10,16643,43720	10	
17	0	9,75072,87437	3,08867	9,91711,78759	1,43531	9,83361,08678	4,52398	10,16638,91322	0	43
	10	9,75075,96271	3,08834	9,91710,35212	1,43547	9,83365,61059	4,52381	10,16634,38941	50	
	20	9,75079,05073	3,08802	9,91708,91651	1,43561	9,83370,13422	4,52363	10,16629,86578	40	
	30	9,75082,13843	3,08770	9,91707,48075	1,43576	9,83374,65769	4,52347	10,16625,34231	30	
	40	9,75085,22581	3,08738	9,91706,04483	1,43592	9,83379,18098	4,52329	10,16620,81902	20	
	50	9,75088,31287	3,08706	9,91704,60877	1,43606	9,83383,70410	4,52312	10,16616,29590	10	
18	0	9,75091,39961	3,08674	9,91703,17255	1,43622	9,83388,22705	4,52295	10,16611,77295	0	42
	10	9,75094,48602	3,08641	9,91701,73619	1,43636	9,83392,74983	4,52278	10,16607,25017	50	
	20	9,75097,57211	3,08609	9,91700,29968	1,43651	9,83397,27243	4,52260	10,16602,72757	40	
	30	9,75100,65789	3,08578	9,91698,86302	1,43666	9,83401,79487	4,52244	10,16598,20513	30	
	40	9,75103,74334	3,08545	9,91697,42621	1,43681	9,83406,31713	4,52226	10,16593,68287	20	
	50	9,75106,82847	3,08513	9,91695,98925	1,43696	9,83410,83922	4,52209	10,16589,16078	10	
19	0	9,75109,91328	3,08481	9,91694,55214	1,43711	9,83415,36114	4,52192	10,16584,63886	0	41
	10	9,75112,99776	3,08448	9,91693,11488	1,43726	9,83419,88289	4,52175	10,16580,11711	50	
	20	9,75116,08193	3,08417	9,91691,67747	1,43741	9,83424,40446	4,52157	10,16575,59554	40	
	30	9,75119,16577	3,08384	9,91690,23991	1,43756	9,83428,92587	4,52141	10,16571,07413	30	
	40	9,75122,24930	3,08353	9,91688,80220	1,43771	9,83433,44710	4,52123	10,16566,55290	20	
	50	9,75125,33250	3,08320	9,91687,36434	1,43786	9,83437,96816	4,52106	10,16562,03184	10	
20	0	9,75128,41538	3,08288	9,91685,92633	1,43801	9,83442,48905	4,52089	10,16557,51095	0	40
		Sin. Comple.	3,08256	SINVVM	1,43816	Tang. compl.	4,52072	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,75128,41538	3,08256	9,91685,92633	1,43816	9,83442,48905	4,52072	10,16557,51095	0	40
	10	9,75131,49794	3,08224	9,91684,48817	1,43831	9,83447,00977	4,52055	10,16552,99023	50	
	20	9,75134,58018	3,08192	9,91683,04986	1,43845	9,83451,53032	4,52038	10,16548,46968	40	
	30	9,75137,66210	3,08160	9,91681,61141	1,43861	9,83456,05070	4,52020	10,16543,94930	30	
	40	9,75140,74370	3,08128	9,91680,17280	1,43876	9,83460,57090	4,52004	10,16539,42910	20	
	50	9,75143,82498	3,08096	9,91678,73404	1,43891	9,83465,09094	4,51986	10,16534,90906	10	
21	0	9,75146,90594	3,08063	9,91677,29513	1,43905	9,83469,61080	4,51970	10,16530,38920	0	39
	10	9,75149,98657	3,08032	9,91675,85608	1,43921	9,83474,13050	4,51952	10,16525,86950	50	
	20	9,75153,06689	3,07999	9,91674,41687	1,43935	9,83478,65002	4,51935	10,16521,34998	40	
	30	9,75156,14688	3,07968	9,91672,97752	1,43951	9,83483,16937	4,51918	10,16516,83063	30	
	40	9,75159,22656	3,07935	9,91671,53801	1,43966	9,83487,68855	4,51901	10,16512,31145	20	
	50	9,75162,30591	3,07904	9,91670,09835	1,43980	9,83492,20756	4,51884	10,16507,79244	10	
22	0	9,75165,38495	3,07871	9,91668,65855	1,43996	9,83496,72640	4,51867	10,16503,27360	0	38
	10	9,75168,46366	3,07840	9,91667,21859	1,44010	9,83501,24507	4,51850	10,16498,75493	50	
	20	9,75171,54206	3,07807	9,91665,77849	1,44026	9,83505,76357	4,51833	10,16494,23643	40	
	30	9,75174,62013	3,07775	9,91664,33823	1,44040	9,83510,28190	4,51815	10,16489,71810	30	
	40	9,75177,69788	3,07743	9,91662,89783	1,44056	9,83514,80005	4,51799	10,16485,19995	20	
	50	9,75180,77531	3,07712	9,91661,45727	1,44070	9,83519,31804	4,51782	10,16480,68196	10	
23	0	9,75183,85243	3,07679	9,91660,01657	1,44086	9,83523,83586	4,51765	10,16476,16414	0	37
	10	9,75186,92922	3,07647	9,91658,57571	1,44100	9,83528,35351	4,51747	10,16471,64649	50	
	20	9,75190,00569	3,07616	9,91657,13471	1,44116	9,83532,87098	4,51731	10,16467,12902	40	
	30	9,75193,08185	3,07583	9,91655,69355	1,44130	9,83537,38829	4,51714	10,16462,61171	30	
	40	9,75196,15768	3,07551	9,91654,25225	1,44145	9,83541,90543	4,51696	10,16458,09457	20	
	50	9,75199,23319	3,07519	9,91652,81080	1,44161	9,83546,42239	4,51680	10,16453,57761	10	
24	0	9,75202,30838	3,07488	9,91651,36919	1,44175	9,83550,93919	4,51663	10,16449,06081	0	36
	10	9,75205,38326	3,07455	9,91649,92744	1,44191	9,83555,45582	4,51646	10,16444,54418	50	
	20	9,75208,45781	3,07423	9,91648,48553	1,44205	9,83559,97228	4,51628	10,16440,02772	40	
	30	9,75211,53204	3,07392	9,91647,04348	1,44220	9,83564,48856	4,51612	10,16435,51144	30	
	40	9,75214,60596	3,07359	9,91645,60128	1,44236	9,83569,00468	4,51595	10,16430,99532	20	
	50	9,75217,67955	3,07328	9,91644,15892	1,44250	9,83573,52063	4,51578	10,16426,47937	10	
25	0	9,75220,75283	3,07295	9,91642,71642	1,44265	9,83578,03641	4,51561	10,16421,96359	0	35
	10	9,75223,82578	3,07264	9,91641,27377	1,44281	9,83582,55202	4,51544	10,16417,44798	50	
	20	9,75226,89842	3,07231	9,91639,83096	1,44295	9,83587,06746	4,51527	10,16412,93254	40	
	30	9,75229,97073	3,07200	9,91638,38801	1,44311	9,83591,58273	4,51510	10,16408,41727	30	
	40	9,75233,04273	3,07168	9,91636,94490	1,44325	9,83596,09783	4,51493	10,16403,90217	20	
	50	9,75236,11441	3,07136	9,91635,50165	1,44340	9,83600,61276	4,51476	10,16399,38724	10	
26	0	9,75239,18577	3,07104	9,91634,05825	1,44356	9,83605,12752	4,51459	10,16394,87248	0	34
	10	9,75242,25681	3,07072	9,91632,61469	1,44370	9,83609,64211	4,51443	10,16390,35789	50	
	20	9,75245,32753	3,07040	9,91631,17099	1,44386	9,83614,15654	4,51425	10,16385,84346	40	
	30	9,75248,39793	3,07008	9,91629,72713	1,44400	9,83618,67079	4,51409	10,16381,32921	30	
	40	9,75251,46801	3,06976	9,91628,28313	1,44415	9,83623,18488	4,51391	10,16376,81512	20	
	50	9,75254,53777	3,06944	9,91626,83898	1,44431	9,83627,69879	4,51375	10,16372,30121	10	
27	0	9,75257,60721	3,06913	9,91625,39467	1,44445	9,83632,21254	4,51358	10,16367,78746	0	33
	10	9,75260,67634	3,06880	9,91623,95022	1,44461	9,83636,72612	4,51341	10,16363,27388	50	
	20	9,75263,74514	3,06849	9,91622,50561	1,44475	9,83641,23953	4,51324	10,16358,76047	40	
	30	9,75266,81363	3,06817	9,91621,06086	1,44491	9,83645,75277	4,51308	10,16354,24723	30	
	40	9,75269,88180	3,06785	9,91619,61595	1,44505	9,83650,26585	4,51290	10,16349,73415	20	
	50	9,75272,94965	3,06753	9,91618,17090	1,44521	9,83654,77875	4,51273	10,16345,22125	10	
28	0	9,75276,01718	3,06721	9,91616,72569	1,44535	9,83659,29148	4,51257	10,16340,70852	0	32
	10	9,75279,08439	3,06689	9,91615,28034	1,44551	9,83663,80405	4,51240	10,16336,19595	50	
	20	9,75282,15128	3,06657	9,91613,83483	1,44565	9,83668,31645	4,51223	10,16331,68355	40	
	30	9,75285,21785	3,06626	9,91612,38918	1,44581	9,83672,82868	4,51206	10,16327,17132	30	
	40	9,75288,28411	3,06594	9,91610,94337	1,44596	9,83677,34074	4,51189	10,16322,65926	20	
	50	9,75291,35005	3,06562	9,91609,49741	1,44610	9,83681,85263	4,51173	10,16318,14737	10	
29	0	9,75294,41567	3,06530	9,91608,05131	1,44626	9,83686,36436	4,51156	10,16313,63564	0	31
	10	9,75297,48097	3,06498	9,91606,60505	1,44641	9,83690,87592	4,51138	10,16309,12408	50	
	20	9,75300,54595	3,06466	9,91605,15864	1,44655	9,83695,38730	4,51122	10,16304,61270	40	
	30	9,75303,61061	3,06434	9,91603,71209	1,44671	9,83699,89852	4,51106	10,16300,10148	30	
	40	9,75306,67495	3,06403	9,91602,26538	1,44686	9,83704,40958	4,51088	10,16295,59042	20	
	50	9,75309,73898	3,06371	9,91600,81852	1,44701	9,83708,92046	4,51072	10,16291,07954	10	
30	0	9,75312,80269	3,06339	9,91599,37151	1,44716	9,83713,43118	4,51055	10,16286,56882	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,75312,80269		9,91599,37151		9,83713,43118		10,16286,56882	0	30
	10	9,75315,86608	3,06339	9,91597,92435	1,44716	9,83717,94173	4,51055	10,16282,05827	50	
	20	9,75318,92915	3,06307	9,91596,47705	1,44730	9,83722,45211	4,51038	10,16277,54789	40	
	30	9,75321,99191	3,06276	9,91595,02959	1,44746	9,83726,96232	4,51021	10,16273,03768	30	
	40	9,75325,05434	3,06243	9,91593,58198	1,44761	9,83731,47236	4,51004	10,16268,52764	20	
	50	9,75328,11646	3,06212	9,91592,13422	1,44776	9,83735,98224	4,50988	10,16264,01776	10	
31	0	9,75331,17826	3,06180	9,91590,68631	1,44791	9,83740,49195	4,50971	10,16259,50805	0	29
	10	9,75334,23974	3,06148	9,91589,23825	1,44806	9,83745,00149	4,50954	10,16254,99851	50	
	20	9,75337,30091	3,06117	9,91587,79004	1,44821	9,83749,51087	4,50938	10,16250,48913	40	
	30	9,75340,36175	3,06084	9,91586,34168	1,44836	9,83754,02008	4,50921	10,16245,97992	30	
	40	9,75343,42228	3,06053	9,91584,89316	1,44852	9,83758,52912	4,50904	10,16241,47088	20	
	50	9,75346,48249	3,06021	9,91583,44450	1,44866	9,83763,03799	4,50887	10,16236,96201	10	
32	0	9,75349,54238	3,05989	9,91581,99569	1,44881	9,83767,54669	4,50870	10,16232,45331	0	28
	10	9,75352,60196	3,05958	9,91580,54673	1,44896	9,83772,05523	4,50854	10,16227,94477	50	
	20	9,75355,66122	3,05926	9,91579,09761	1,44912	9,83776,56360	4,50837	10,16223,43640	40	
	30	9,75358,72016	3,05894	9,91577,64835	1,44926	9,83781,07181	4,50821	10,16218,92819	30	
	40	9,75361,77878	3,05862	9,91576,19894	1,44941	9,83785,57984	4,50803	10,16214,42016	20	
	50	9,75364,83709	3,05831	9,91574,74937	1,44957	9,83790,08771	4,50787	10,16209,91229	10	
33	0	9,75367,89507	3,05798	9,91573,29966	1,44971	9,83794,59542	4,50771	10,16205,40458	0	27
	10	9,75370,95274	3,05767	9,91571,84979	1,44987	9,83799,10295	4,50753	10,16200,89705	50	
	20	9,75374,01010	3,05736	9,91570,39978	1,45001	9,83803,61032	4,50737	10,16196,38968	40	
	30	9,75377,06713	3,05703	9,91568,94961	1,45017	9,83808,11752	4,50720	10,16191,88248	30	
	40	9,75380,12385	3,05672	9,91567,49929	1,45032	9,83812,62456	4,50704	10,16187,37544	20	
	50	9,75383,18025	3,05640	9,91566,04883	1,45046	9,83817,13143	4,50687	10,16182,86857	10	
34	0	9,75386,23634	3,05609	9,91564,59821	1,45062	9,83821,63813	4,50670	10,16178,36187	0	26
	10	9,75389,29211	3,05577	9,91563,14744	1,45077	9,83826,14467	4,50654	10,16173,85533	50	
	20	9,75392,34756	3,05545	9,91561,69652	1,45092	9,83830,65103	4,50636	10,16169,34897	40	
	30	9,75395,40269	3,05513	9,91560,24545	1,45107	9,83835,15724	4,50621	10,16164,84276	30	
	40	9,75398,45750	3,05481	9,91558,79423	1,45122	9,83839,66327	4,50603	10,16160,33673	20	
	50	9,75401,51200	3,05450	9,91557,34286	1,45137	9,83844,16914	4,50587	10,16155,83086	10	
35	0	9,75404,56619	3,05419	9,91555,89134	1,45152	9,83848,67485	4,50571	10,16151,32515	0	25
	10	9,75407,62005	3,05386	9,91554,43967	1,45167	9,83853,18038	4,50553	10,16146,81962	50	
	20	9,75410,67360	3,05355	9,91552,98785	1,45182	9,83857,68575	4,50537	10,16142,31425	40	
	30	9,75413,72683	3,05323	9,91551,53587	1,45198	9,83862,19096	4,50521	10,16137,80904	30	
	40	9,75416,77975	3,05292	9,91550,08375	1,45212	9,83866,69600	4,50504	10,16133,30400	20	
	50	9,75419,83235	3,05260	9,91548,63147	1,45228	9,83871,20087	4,50487	10,16128,79913	10	
36	0	9,75422,88463	3,05228	9,91547,17905	1,45242	9,83875,70558	4,50471	10,16124,29442	0	24
	10	9,75425,93659	3,05196	9,91545,72647	1,45258	9,83880,21012	4,50454	10,16119,78988	50	
	20	9,75428,98824	3,05165	9,91544,27375	1,45272	9,83884,71449	4,50437	10,16115,28551	40	
	30	9,75432,03957	3,05133	9,91542,82087	1,45288	9,83889,21870	4,50421	10,16110,78130	30	
	40	9,75435,09059	3,05102	9,91541,36784	1,45303	9,83893,72275	4,50405	10,16106,27725	20	
	50	9,75438,14129	3,05070	9,91539,91466	1,45318	9,83898,22663	4,50388	10,16101,77337	10	
37	0	9,75441,19167	3,05038	9,91538,46134	1,45332	9,83902,73034	4,50371	10,16097,26966	0	23
	10	9,75444,24174	3,05007	9,91537,00786	1,45348	9,83907,23388	4,50354	10,16092,76612	50	
	20	9,75447,29149	3,04975	9,91535,55422	1,45364	9,83911,73727	4,50339	10,16088,26273	40	
	30	9,75450,34092	3,04943	9,91534,10044	1,45378	9,83916,24048	4,50321	10,16083,75952	30	
	40	9,75453,39004	3,04912	9,91532,64651	1,45393	9,83920,74353	4,50305	10,16079,25647	20	
	50	9,75456,43885	3,04881	9,91531,19243	1,45408	9,83925,24642	4,50289	10,16074,75358	10	
38	0	9,75459,48733	3,04848	9,91529,73820	1,45423	9,83929,74914	4,50272	10,16070,25086	0	22
	10	9,75462,53550	3,04817	9,91528,28381	1,45439	9,83934,25169	4,50255	10,16065,74831	50	
	20	9,75465,58335	3,04785	9,91526,82928	1,45453	9,83938,75408	4,50239	10,16061,24592	40	
	30	9,75468,63089	3,04754	9,91525,37459	1,45469	9,83943,25630	4,50222	10,16056,74370	30	
	40	9,75471,67811	3,04722	9,91523,91975	1,45484	9,83947,75836	4,50206	10,16052,24164	20	
	50	9,75474,72502	3,04691	9,91522,46477	1,45498	9,83952,26026	4,50190	10,16047,73974	10	
39	0	9,75477,77161	3,04659	9,91521,00963	1,45514	9,83956,76198	4,50172	10,16043,23802	0	21
	10	9,75480,81789	3,04628	9,91519,55434	1,45529	9,83961,26355	4,50157	10,16038,73645	50	
	20	9,75483,86385	3,04596	9,91518,09890	1,45544	9,83965,76495	4,50140	10,16034,23505	40	
	30	9,75486,90949	3,04564	9,91516,64331	1,45559	9,83970,26618	4,50123	10,16029,73382	30	
	40	9,75489,95482	3,04533	9,91515,18757	1,45574	9,83974,76725	4,50107	10,16025,23275	20	
	50	9,75492,99983	3,04501	9,91513,73167	1,45590	9,83979,26815	4,50090	10,16020,73185	10	
40	0	9,75496,04452	3,04469	9,91512,27563	1,45604	9,83983,76889	4,50074	10,16016,23111	0	20
		Sin. Comple.	3,04438	SINVVM	1,45620	Tang. compl.	4,50058	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,75496,04452		9,91512,27563		9,83983,76889		10,16016,23111	0	20
	10	9,75499,08890	3,04438	9,91510,81943	1,45620	9,83988,26947	4,50058	10,16011,73053	50	
	20	9,75502,13297	3,04407	9,91509,36309	1,45634	9,83992,76988	4,50041	10,16007,23012	40	
	30	9,75505,17672	3,04375	9,91507,90659	1,45650	9,83997,27013	4,50025	10,16002,72987	30	
	40	9,75508,22016	3,04344	9,91506,44995	1,45664	9,84001,77021	4,50008	10,15998,22979	20	
	50	9,75511,26327	3,04311	9,91504,99315	1,45680	9,84006,27013	4,49992	10,15993,72987	10	
41	0	9,75514,30608	3,04281	9,91503,53620	1,45695	9,84010,76988	4,49975	10,15989,23012	0	19
	10	9,75517,34857	3,04249	9,91502,07910	1,45710	9,84015,26947	4,49959	10,15984,73053	50	
	20	9,75520,39074	3,04217	9,91500,62185	1,45725	9,84019,76889	4,49942	10,15980,23111	40	
	30	9,75523,43260	3,04186	9,91499,16445	1,45740	9,84024,26815	4,49926	10,15975,73185	30	
	40	9,75526,47414	3,04154	9,91497,70689	1,45756	9,84028,76725	4,49910	10,15971,23275	20	
	50	9,75529,51537	3,04123	9,91496,24919	1,45770	9,84033,26618	4,49893	10,15966,73382	10	
42	0	9,75532,55628	3,04091	9,91494,79133	1,45786	9,84037,76495	4,49877	10,15962,23505	0	18
	10	9,75535,59688	3,04060	9,91493,33333	1,45800	9,84042,26355	4,49860	10,15957,73645	50	
	20	9,75538,63717	3,04029	9,91491,87517	1,45816	9,84046,76199	4,49844	10,15953,23801	40	
	30	9,75541,67713	3,03996	9,91490,41686	1,45831	9,84051,26027	4,49828	10,15948,73973	30	
	40	9,75544,71679	3,03966	9,91488,95840	1,45846	9,84055,75838	4,49811	10,15944,24162	20	
	50	9,75547,75613	3,03934	9,91487,49979	1,45861	9,84060,25633	4,49795	10,15939,74367	10	
43	0	9,75550,79515	3,03902	9,91486,04103	1,45876	9,84064,75412	4,49779	10,15935,24588	0	17
	10	9,75553,83386	3,03871	9,91484,58212	1,45891	9,84069,25174	4,49762	10,15930,74826	50	
	20	9,75556,87225	3,03839	9,91483,12306	1,45906	9,84073,74920	4,49746	10,15926,25080	40	
	30	9,75559,91033	3,03808	9,91481,66384	1,45922	9,84078,24649	4,49729	10,15921,75351	30	
	40	9,75562,94810	3,03777	9,91480,20448	1,45936	9,84082,74362	4,49713	10,15917,25638	20	
	50	9,75565,98555	3,03745	9,91478,74496	1,45952	9,84087,24059	4,49697	10,15912,75941	10	
44	0	9,75569,02269	3,03714	9,91477,28529	1,45967	9,84091,73740	4,49681	10,15908,26260	0	16
	10	9,75572,05951	3,03682	9,91475,82547	1,45982	9,84096,23404	4,49664	10,15903,76596	50	
	20	9,75575,09602	3,03651	9,91474,36550	1,45997	9,84100,73051	4,49647	10,15899,26949	40	
	30	9,75578,13221	3,03619	9,91472,90538	1,46012	9,84105,22683	4,49632	10,15894,77317	30	
	40	9,75581,16809	3,03588	9,91471,44511	1,46027	9,84109,72298	4,49615	10,15890,27702	20	
	50	9,75584,20365	3,03556	9,91469,98468	1,46043	9,84114,21897	4,49599	10,15885,78103	10	
45	0	9,75587,23890	3,03525	9,91468,52411	1,46057	9,84118,71479	4,49582	10,15881,28521	0	15
	10	9,75590,27384	3,03494	9,91467,06338	1,46073	9,84123,21046	4,49567	10,15876,78954	50	
	20	9,75593,30846	3,03462	9,91465,60251	1,46087	9,84127,70595	4,49549	10,15872,29405	40	
	30	9,75596,34277	3,03431	9,91464,14148	1,46103	9,84132,20129	4,49534	10,15867,79871	30	
	40	9,75599,37676	3,03399	9,91462,68030	1,46118	9,84136,69646	4,49517	10,15863,30354	20	
	50	9,75602,41044	3,03368	9,91461,21897	1,46133	9,84141,19148	4,49502	10,15858,80852	10	
46	0	9,75605,44381	3,03337	9,91459,75748	1,46149	9,84145,68632	4,49484	10,15854,31368	0	14
	10	9,75608,47686	3,03305	9,91458,29585	1,46163	9,84150,18101	4,49469	10,15849,81899	50	
	20	9,75611,50960	3,03274	9,91456,83407	1,46178	9,84154,67553	4,49452	10,15845,32447	40	
	30	9,75614,54202	3,03242	9,91455,37213	1,46194	9,84159,16989	4,49436	10,15840,83011	30	
	40	9,75617,57413	3,03211	9,91453,91004	1,46209	9,84163,66409	4,49420	10,15836,33591	20	
	50	9,75620,60593	3,03180	9,91452,44780	1,46224	9,84168,15813	4,49404	10,15831,84187	10	
47	0	9,75623,63741	3,03148	9,91450,98541	1,46239	9,84172,65200	4,49387	10,15827,34800	0	13
	10	9,75626,66858	3,03117	9,91449,52287	1,46254	9,84177,14571	4,49371	10,15822,85429	50	
	20	9,75629,69944	3,03086	9,91448,06018	1,46269	9,84181,63926	4,49355	10,15818,36074	40	
	30	9,75632,72998	3,03054	9,91446,59733	1,46285	9,84186,13264	4,49338	10,15813,86736	30	
	40	9,75635,76021	3,03023	9,91445,13434	1,46299	9,84190,62587	4,49323	10,15809,37413	20	
	50	9,75638,79012	3,02991	9,91443,67119	1,46315	9,84195,11893	4,49306	10,15804,88107	10	
48	0	9,75641,81972	3,02960	9,91442,20789	1,46330	9,84199,61183	4,49290	10,15800,38817	0	12
	10	9,75644,84901	3,02929	9,91440,74444	1,46345	9,84204,10457	4,49274	10,15795,89543	50	
	20	9,75647,87799	3,02898	9,91439,28084	1,46360	9,84208,59714	4,49257	10,15791,40286	40	
	30	9,75650,90665	3,02866	9,91437,81709	1,46375	9,84213,08956	4,49242	10,15786,91044	30	
	40	9,75653,93500	3,02835	9,91436,35319	1,46390	9,84217,58181	4,49225	10,15782,41819	20	
	50	9,75656,96303	3,02803	9,91434,88913	1,46406	9,84222,07390	4,49209	10,15777,92610	10	
49	0	9,75659,99075	3,02772	9,91433,42493	1,46420	9,84226,56583	4,49193	10,15773,43417	0	11
	10	9,75663,01816	3,02741	9,91431,96057	1,46436	9,84231,05760	4,49177	10,15768,94240	50	
	20	9,75666,04526	3,02710	9,91430,49606	1,46451	9,84235,54920	4,49160	10,15764,45080	40	
	30	9,75669,07204	3,02678	9,91429,03140	1,46466	9,84240,04064	4,49144	10,15759,95936	30	
	40	9,75672,09851	3,02647	9,91427,56658	1,46482	9,84244,53193	4,49129	10,15755,46807	20	
	50	9,75675,12467	3,02616	9,91426,10162	1,46496	9,84249,02305	4,49112	10,15750,97695	10	
50	0	9,75678,15051	3,02584	9,91424,63650	1,46512	9,84253,51401	4,49096	10,15746,48599	0	10
		Sin. Comple.	3,02553	SINVVM	1,46526	Tang. compl.	4,49079	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,75678,15051	3,02553	9,91424,63650	1,46526	9,84253,51401	4,49079	10,15746,48599	0	10
	10	9,75681,17604	3,02522	9,91423,17124	1,46542	9,84258,00480	4,49064	10,15741,99520	50	
	20	9,75684,20126	3,02490	9,91421,70582	1,46557	9,84262,49544	4,49048	10,15737,50456	40	
	30	9,75687,22616	3,02460	9,91420,24025	1,46572	9,84266,98592	4,49031	10,15733,01408	30	
	40	9,75690,25076	3,02428	9,91418,77453	1,46588	9,84271,47623	4,49015	10,15728,52377	20	
	50	9,75693,27504	3,02396	9,91417,30865	1,46602	9,84275,96638	4,48999	10,15724,03362	10	
51	0	9,75696,29900	3,02366	9,91415,84263	1,46618	9,84280,45637	4,48984	10,15719,54363	0	9
	10	9,75699,32266	3,02334	9,91414,37645	1,46632	9,84284,94621	4,48966	10,15715,05379	50	
	20	9,75702,34600	3,02303	9,91412,91013	1,46648	9,84289,43587	4,48951	10,15710,56413	40	
	30	9,75705,36903	3,02272	9,91411,44365	1,46663	9,84293,92538	4,48935	10,15706,07462	30	
	40	9,75708,39175	3,02240	9,91409,97702	1,46679	9,84298,41473	4,48919	10,15701,58527	20	
	50	9,75711,41415	3,02209	9,91408,51023	1,46693	9,84302,90392	4,48903	10,15697,09608	10	
52	0	9,75714,43624	3,02178	9,91407,04330	1,46709	9,84307,39295	4,48886	10,15692,60705	0	8
	10	9,75717,45802	3,02147	9,91405,57621	1,46724	9,84311,88181	4,48871	10,15688,11819	50	
	20	9,75720,47949	3,02116	9,91404,10897	1,46738	9,84316,37052	4,48854	10,15683,62948	40	
	30	9,75723,50065	3,02084	9,91402,64159	1,46755	9,84320,85906	4,48838	10,15679,14094	30	
	40	9,75726,52149	3,02053	9,91401,17404	1,46769	9,84325,34744	4,48823	10,15674,65256	20	
	50	9,75729,54202	3,02022	9,91399,70635	1,46784	9,84329,83567	4,48806	10,15670,16433	10	
53	0	9,75732,56224	3,01990	9,91398,23851	1,46800	9,84334,32373	4,48790	10,15665,67627	0	7
	10	9,75735,58214	3,01960	9,91396,77051	1,46815	9,84338,81163	4,48775	10,15661,18837	50	
	20	9,75738,60174	3,01928	9,91395,30236	1,46830	9,84343,29938	4,48758	10,15656,70062	40	
	30	9,75741,62102	3,01897	9,91393,83406	1,46845	9,84347,78696	4,48742	10,15652,21304	30	
	40	9,75744,63999	3,01866	9,91392,36561	1,46860	9,84352,27438	4,48726	10,15647,72562	20	
	50	9,75747,65865	3,01835	9,91390,89701	1,46875	9,84356,76164	4,48710	10,15643,23836	10	
54	0	9,75750,67700	3,01803	9,91389,42826	1,46891	9,84361,24874	4,48694	10,15638,75126	0	6
	10	9,75753,69503	3,01773	9,91387,95935	1,46906	9,84365,73568	4,48678	10,15634,26432	50	
	20	9,75756,71276	3,01741	9,91386,49029	1,46921	9,84370,22246	4,48662	10,15629,77754	40	
	30	9,75759,73017	3,01710	9,91385,02108	1,46936	9,84374,70908	4,48647	10,15625,29092	30	
	40	9,75762,74727	3,01678	9,91383,55172	1,46951	9,84379,19555	4,48630	10,15620,80445	20	
	50	9,75765,76405	3,01648	9,91382,08221	1,46967	9,84383,68185	4,48614	10,15616,31815	10	
55	0	9,75768,78053	3,01617	9,91380,61254	1,46982	9,84388,16799	4,48598	10,15611,83201	0	5
	10	9,75771,79670	3,01585	9,91379,14272	1,46996	9,84392,65397	4,48582	10,15607,34603	50	
	20	9,75774,81255	3,01554	9,91377,67276	1,47013	9,84397,13979	4,48567	10,15602,86021	40	
	30	9,75777,82809	3,01523	9,91376,20263	1,47027	9,84401,62546	4,48550	10,15598,37454	30	
	40	9,75780,84332	3,01492	9,91374,73236	1,47042	9,84406,11096	4,48534	10,15593,88904	20	
	50	9,75783,85824	3,01461	9,91373,26194	1,47058	9,84410,59630	4,48519	10,15589,40370	10	
56	0	9,75786,87285	3,01429	9,91371,79136	1,47073	9,84415,08149	4,48502	10,15584,91851	0	4
	10	9,75789,88714	3,01399	9,91370,32063	1,47088	9,84419,56651	4,48487	10,15580,43349	50	
	20	9,75792,90113	3,01367	9,91368,84975	1,47103	9,84424,05138	4,48470	10,15575,94862	40	
	30	9,75795,91480	3,01337	9,91367,37872	1,47118	9,84428,53608	4,48455	10,15571,46392	30	
	40	9,75798,92817	3,01305	9,91365,90754	1,47134	9,84433,02063	4,48439	10,15566,97937	20	
	50	9,75801,94122	3,01274	9,91364,43620	1,47149	9,84437,50502	4,48422	10,15562,49498	10	
57	0	9,75804,95396	3,01243	9,91362,96471	1,47164	9,84441,98924	4,48407	10,15558,01076	0	3
	10	9,75807,96639	3,01211	9,91361,49307	1,47179	9,84446,47331	4,48391	10,15553,52669	50	
	20	9,75810,97850	3,01181	9,91360,02128	1,47194	9,84450,95722	4,48375	10,15549,04278	40	
	30	9,75813,99031	3,01150	9,91358,54934	1,47210	9,84455,44097	4,48360	10,15544,55903	30	
	40	9,75817,00181	3,01118	9,91357,07724	1,47224	9,84459,92457	4,48343	10,15540,07543	20	
	50	9,75820,01299	3,01088	9,91355,60500	1,47240	9,84464,40800	4,48327	10,15535,59200	10	
58	0	9,75823,02387	3,01056	9,91354,13260	1,47256	9,84468,89127	4,48312	10,15531,10873	0	2
	10	9,75826,03443	3,01026	9,91352,66004	1,47270	9,84473,37439	4,48295	10,15526,62561	50	
	20	9,75829,04469	3,00994	9,91351,18734	1,47285	9,84477,85734	4,48280	10,15522,14266	40	
	30	9,75832,05463	3,00963	9,91349,71449	1,47301	9,84482,34014	4,48264	10,15517,65986	30	
	40	9,75835,06426	3,00932	9,91348,24148	1,47316	9,84486,82278	4,48248	10,15513,17722	20	
	50	9,75838,07358	3,00901	9,91346,76832	1,47331	9,84491,30526	4,48233	10,15508,69474	10	
59	0	9,75841,08259	3,00870	9,91345,29501	1,47347	9,84495,78759	4,48216	10,15504,21241	0	1
	10	9,75844,09129	3,00839	9,91343,82154	1,47361	9,84500,26975	4,48200	10,15499,73025	50	
	20	9,75847,09968	3,00808	9,91342,34793	1,47377	9,84504,75175	4,48185	10,15495,24825	40	
	30	9,75850,10776	3,00777	9,91340,87416	1,47392	9,84509,23360	4,48169	10,15490,76640	30	
	40	9,75853,11553	3,00746	9,91339,40024	1,47407	9,84513,71529	4,48153	10,15486,28471	20	
	50	9,75856,12299	3,00715	9,91337,92617	1,47423	9,84518,19682	4,48137	10,15481,80318	10	
60	0	9,75859,13014	3,00683	9,91336,45194	1,47437	9,84522,67819	4,48122	10,15477,32181	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,75859,13014		9,91336,45194		9,84522,67819		10,15477,32181	o	60
	10	9,75862,13697	3,00683	9,91334,97757	1,47437	9,84527,15941	4,48122	10,15472,84059	50	
	20	9,75865,14350	3,00653	9,91333,50304	1,47453	9,84531,64046	4,48105	10,15468,35954	40	
	30	9,75868,14972	3,00622	9,91332,02836	1,47468	9,84536,12136	4,48090	10,15463,87864	30	
	40	9,75871,15563	3,00591	9,91330,55352	1,47484	9,84540,60210	4,48074	10,15459,39790	20	
	50	9,75874,16122	3,00559	9,91329,07854	1,47498	9,84545,08268	4,48058	10,15454,91732	10	
1	0	9,75877,16651	3,00529	9,91327,60340	1,47514	9,84549,56311	4,48043	10,15450,43689	o	59
			3,00498		1,47529		4,48026			
	10	9,75880,17149	3,00466	9,91326,12811	1,47544	9,84554,04337	4,48011	10,15445,95663	50	
	20	9,75883,17615	3,00436	9,91324,65267	1,47559	9,84558,52348	4,47995	10,15441,47652	40	
	30	9,75886,18051	3,00405	9,91323,17708	1,47575	9,84563,00343	4,47980	10,15436,99657	30	
	40	9,75889,18456	3,00373	9,91321,70133	1,47590	9,84567,48323	4,47963	10,15432,51677	20	
	50	9,75892,18829	3,00343	9,91320,22543	1,47605	9,84571,96286	4,47948	10,15428,03714	10	
2	0	9,75895,19172	3,00312	9,91318,74938	1,47620	9,84576,44234	4,47932	10,15423,55766	o	58
			3,00281		1,47636		4,47916			
	10	9,75898,19484	3,00250	9,91317,27318	1,47650	9,84580,92166	4,47901	10,15419,07834	50	
	20	9,75901,19765	3,00218	9,91315,79682	1,47666	9,84585,40082	4,47885	10,15414,59918	40	
	30	9,75904,20015	3,00188	9,91314,32032	1,47681	9,84589,87983	4,47869	10,15410,12017	30	
	40	9,75907,20233	3,00157	9,91312,84366	1,47697	9,84594,35868	4,47853	10,15405,64132	20	
	50	9,75910,20421	3,00126	9,91311,36685	1,47711	9,84598,83737	4,47838	10,15401,16263	10	
3	0	9,75913,20578	3,00095	9,91309,88988	1,47727	9,84603,31590	4,47822	10,15396,68410	o	57
			3,00065		1,47742		4,47806			
	10	9,75916,20704	3,00033	9,91308,41277	1,47758	9,84607,79428	4,47790	10,15392,20572	50	
	20	9,75919,20799	3,00002	9,91306,93550	1,47772	9,84612,27250	4,47775	10,15387,72750	40	
	30	9,75922,20864	2,99971	9,91305,45808	1,47788	9,84616,75056	4,47759	10,15383,24944	30	
	40	9,75925,20897	2,99941	9,91303,98050	1,47803	9,84621,22846	4,47744	10,15378,77154	20	
	50	9,75928,20899	2,99909	9,91302,50278	1,47818	9,84625,70621	4,47728	10,15374,29379	10	
4	0	9,75931,20870	2,99879	9,91301,02490	1,47834	9,84630,18380	4,47712	10,15369,81620	o	56
			2,99847		1,47849		4,47696			
	10	9,75934,20811	2,99817	9,91299,54687	1,47864	9,84634,66124	4,47681	10,15365,33876	50	
	20	9,75937,20720	2,99786	9,91298,06869	1,47879	9,84639,13852	4,47665	10,15360,86148	40	
	30	9,75940,20599	2,99755	9,91296,59035	1,47895	9,84643,61564	4,47649	10,15356,38436	30	
	40	9,75943,20446	2,99724	9,91295,11186	1,47909	9,84648,09260	4,47634	10,15351,90740	20	
	50	9,75946,20263	2,99693	9,91293,63322	1,47925	9,84652,56941	4,47618	10,15347,43059	10	
5	0	9,75949,20049	2,99662	9,91292,15443	1,47941	9,84657,04606	4,47603	10,15342,95394	o	55
			2,99632		1,47955		4,47587			
	10	9,75952,19804	2,99600	9,91290,67548	1,47971	9,84661,52255	4,47571	10,15338,47745	50	
	20	9,75955,19528	2,99570	9,91289,19639	1,47986	9,84665,99889	4,47555	10,15334,00111	40	
	30	9,75958,19221	2,99538	9,91287,71714	1,48001	9,84670,47507	4,47540	10,15329,52493	30	
	40	9,75961,18883	2,99508	9,91286,23773	1,48016	9,84674,95110	4,47525	10,15325,04890	20	
	50	9,75964,18515	2,99477	9,91284,75818	1,48032	9,84679,42697	4,47509	10,15320,57303	10	
6	0	9,75967,18115	2,99447	9,91283,27847	1,48047	9,84683,90268	4,47493	10,15316,09732	o	54
			2,99415		1,48062		4,47477			
	10	9,75970,17685	2,99384	9,91281,79861	1,48078	9,84688,37823	4,47462	10,15311,62177	50	
	20	9,75973,17223	2,99354	9,91280,31860	1,48093	9,84692,85363	4,47447	10,15307,14637	40	
	30	9,75976,16731	2,99323	9,91278,83844	1,48108	9,84697,32888	4,47431	10,15302,67112	30	
	40	9,75979,16208	2,99292	9,91277,35812	1,48123	9,84701,80397	4,47415	10,15298,19603	20	
	50	9,75982,15655	2,99261	9,91275,87765	1,48139	9,84706,27890	4,47399	10,15293,72110	10	
7	0	9,75985,15070	2,99230	9,91274,39703	1,48153	9,84710,75367	4,47384	10,15289,24633	o	53
			2,99200		1,48169		4,47369			
	10	9,75988,14454	2,99168	9,91272,91625	1,48185	9,84715,22829	4,47353	10,15284,77171	50	
	20	9,75991,13808	2,99138	9,91271,43532	1,48199	9,84719,70276	4,47337	10,15280,29724	40	
	30	9,75994,13131	2,99107	9,91269,95424	1,48215	9,84724,17707	4,47322	10,15275,82293	30	
	40	9,75997,12423	2,99076	9,91268,47301	1,48230	9,84728,65122	4,47307	10,15271,34878	20	
	50	9,76000,11684	2,99046	9,91266,99162	1,48246	9,84733,12521	4,47290	10,15266,87479	10	
8	0	9,76003,10914	2,99014	9,91265,51009	1,48260	9,84737,59905	4,47276	10,15262,40095	o	52
			2,98984		1,48276		4,47260			
	10	9,76006,10114	2,98953	9,91264,02840	1,48291	9,84742,07274	4,47244	10,15257,92726	50	
	20	9,76009,09282	2,98923	9,91262,54655	1,48307	9,84746,54627	4,47228	10,15253,45373	40	
	30	9,76012,08420	2,98891	9,91261,06456	1,48322	9,84751,01964	4,47214	10,15248,98036	30	
	40	9,76015,07527	2,98861	9,91259,58241	1,48337	9,84755,49286	4,47197	10,15244,50714	20	
	50	9,76018,06603	2,98830	9,91258,10011	1,48352	9,84759,96593	4,47183	10,15240,03407	10	
9	0	9,76021,05649		9,91256,61765		9,84764,43883		10,15235,56117	o	51
	10	9,76024,04663		9,91255,13505		9,84768,91159		10,15231,08841	50	
	20	9,76027,03647		9,91253,65229		9,84773,38419		10,15226,61581	40	
	30	9,76030,02600		9,91252,16938		9,84777,85663		10,15222,14337	30	
	40	9,76033,01523		9,91250,68631		9,84782,32891		10,15217,67109	20	
	50	9,76036,00414		9,91249,20309		9,84786,80105		10,15213,19895	10	
10	0	9,76038,99275		9,91247,71972		9,84791,27302		10,15208,72698	o	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.			
10	0	9,76038,99275		9,91247,71972		9,84791,27302		10,15208,72698	0	50	
	10	9,76041,98105	2,98830	9,91246,23620	1,48352	9,84795,74485	4,47183	10,15204,25515	50		
	20	9,76044,96904	2,98799	9,91244,75252	1,48368	9,84800,21651	4,47166	10,15199,78349	40		
	30	9,76047,95672	2,98768	9,91243,26870	1,48382	9,84804,68803	4,47152	10,15195,31197	30		
	40	9,76050,94410	2,98738	9,91241,78471	1,48399	9,84809,15938	4,47135	10,15190,84062	20		
	50	9,76053,93117	2,98707	9,91240,30058	1,48413	9,84813,63059	4,47121	10,15186,36941	10		
11	0	9,76056,91793	2,98676	9,91238,81629	1,48429	9,84818,10163	4,47104	10,15181,89837	0	49	
	10	9,76059,90438	2,98645	9,91237,33185	1,48444	9,84822,57253	4,47090	10,15177,42747	50		
	20	9,76062,89053	2,98615	9,91235,84726	1,48459	9,84827,04327	4,47074	10,15172,95673	40		
	30	9,76065,87637	2,98584	9,91234,36252	1,48474	9,84831,51385	4,47058	10,15168,48615	30		
	40	9,76068,86190	2,98553	9,91232,87762	1,48490	9,84835,98428	4,47043	10,15164,01572	20		
	50	9,76071,84712	2,98522	9,91231,39257	1,48505	9,84840,45456	4,47028	10,15159,54544	10		
12	0	9,76074,83204	2,98492	9,91229,90736	1,48521	9,84844,92468	4,47012	10,15155,07532	0	48	
	10	9,76077,81665	2,98461	9,91228,42201	1,48535	9,84849,39464	4,46996	10,15150,60536	50		
	20	9,76080,80095	2,98430	9,91226,93650	1,48551	9,84853,86446	4,46982	10,15146,13554	40		
	30	9,76083,78495	2,98400	9,91225,45083	1,48567	9,84858,33412	4,46966	10,15141,66588	30		
	40	9,76086,76864	2,98369	9,91223,96502	1,48581	9,84862,80362	4,46950	10,15137,19638	20		
	50	9,76089,75202	2,98338	9,91222,47905	1,48597	9,84867,27297	4,46935	10,15132,72703	10		
13	0	9,76092,73509	2,98307	9,91220,99293	1,48612	9,84871,74216	4,46919	10,15128,25784	0	47	
	10	9,76095,71786	2,98277	9,91219,50665	1,48628	9,84876,21121	4,46905	10,15123,78879	50		
	20	9,76098,70032	2,98246	9,91218,02023	1,48642	9,84880,68009	4,46888	10,15119,31991	40		
	30	9,76101,68248	2,98216	9,91216,53365	1,48658	9,84885,14883	4,46874	10,15114,85117	30		
	40	9,76104,66432	2,98184	9,91215,04691	1,48674	9,84889,61741	4,46858	10,15110,38259	20		
	50	9,76107,64586	2,98154	9,91213,56003	1,48688	9,84894,08583	4,46842	10,15105,91417	10		
14	0	9,76110,62710	2,98124	9,91212,07299	1,48704	9,84898,55411	4,46828	10,15101,44589	0	46	
	10	9,76113,60802	2,98092	9,91210,58580	1,48719	9,84903,02223	4,46812	10,15096,97777	50		
	20	9,76116,58864	2,98062	9,91209,09845	1,48735	9,84907,49019	4,46796	10,15092,50981	40		
	30	9,76119,56896	2,98032	9,91207,61095	1,48750	9,84911,95800	4,46781	10,15088,04200	30		
	40	9,76122,54896	2,98000	9,91206,12330	1,48765	9,84916,42566	4,46766	10,15083,57434	20		
	50	9,76125,52866	2,97970	9,91204,63550	1,48780	9,84920,89316	4,46750	10,15079,10684	10		
15	0	9,76128,50806	2,97940	9,91203,14754	1,48796	9,84925,36052	4,46736	10,15074,63948	0	45	
	10	9,76131,48714	2,97908	9,91201,65943	1,48811	9,84929,82771	4,46719	10,15070,17229	50		
	20	9,76134,46593	2,97879	9,91200,17117	1,48826	9,84934,29476	4,46705	10,15065,70524	40		
	30	9,76137,44440	2,97847	9,91198,68275	1,48842	9,84938,76165	4,46689	10,15061,23835	30		
	40	9,76140,42257	2,97817	9,91197,19418	1,48857	9,84943,22839	4,46674	10,15056,77161	20		
	50	9,76143,40043	2,97786	9,91195,70546	1,48872	9,84947,69497	4,46658	10,15052,30503	10		
16	0	9,76146,37799	2,97756	9,91194,21658	1,48888	9,84952,16140	4,46643	10,15047,83860	0	44	
	10	9,76149,35524	2,97725	9,91192,72755	1,48903	9,84956,62768	4,46628	10,15043,37232	50		
	20	9,76152,33218	2,97694	9,91191,23837	1,48918	9,84961,09381	4,46613	10,15038,90619	40		
	30	9,76155,30882	2,97664	9,91189,74904	1,48933	9,84965,55978	4,46597	10,15034,44022	30		
	40	9,76158,28515	2,97633	9,91188,25955	1,48949	9,84970,02560	4,46582	10,15029,97440	20		
	50	9,76161,26117	2,97602	9,91186,76991	1,48964	9,84974,49127	4,46567	10,15025,50873	10		
17	0	9,76164,23689	2,97572	9,91185,28011	1,48980	9,84978,95678	4,46551	10,15021,04322	0	43	
	10	9,76167,21230	2,97541	9,91183,79016	1,48995	9,84983,42214	4,46536	10,15016,57786	50		
	20	9,76170,18741	2,97511	9,91182,30006	1,49010	9,84987,88735	4,46521	10,15012,11265	40		
	30	9,76173,16221	2,97480	9,91180,80981	1,49025	9,84992,35240	4,46505	10,15007,64760	30		
	40	9,76176,13671	2,97450	9,91179,31940	1,49041	9,84996,81731	4,46491	10,15003,18269	20		
	50	9,76179,11090	2,97419	9,91177,82884	1,49056	9,85001,28206	4,46475	10,14998,71794	10		
18	0	9,76182,08478	2,97388	9,91176,33813	1,49071	9,85005,74666	4,46460	10,14994,25334	0	42	
	10	9,76185,05836	2,97358	9,91174,84726	1,49087	9,85010,21110	4,46444	10,14989,78890	50		
	20	9,76188,03163	2,97327	9,91173,35624	1,49102	9,85014,67539	4,46429	10,14985,32461	40		
	30	9,76191,00460	2,97297	9,91171,86507	1,49117	9,85019,13954	4,46415	10,14980,86046	30		
	40	9,76193,97726	2,97266	9,91170,37374	1,49133	9,85023,60352	4,46398	10,14976,39648	20		
	50	9,76196,94962	2,97236	9,91168,88226	1,49148	9,85028,06736	4,46384	10,14971,93264	10		
19	0	9,76199,92167	2,97205	9,91167,39062	1,49164	9,85032,53104	4,46368	10,14967,46896	0	41	
	10	9,76202,89341	2,97174	9,91165,89884	1,49178	9,85036,99458	4,46354	10,14963,00542	50		
	20	9,76205,86485	2,97144	9,91164,40690	1,49194	9,85041,45796	4,46338	10,14958,54204	40		
	30	9,76208,83599	2,97114	9,91162,91480	1,49210	9,85045,92118	4,46322	10,14954,07882	30		
	40	9,76211,80682	2,97083	9,91161,42256	1,49224	9,85050,38426	4,46308	10,14949,61574	20		
	50	9,76214,77734	2,97052	9,91159,93016	1,49240	9,85054,84718	4,46292	10,14945,15282	10		
20	0	9,76217,74756	2,97022	9,91158,43760	1,49256	9,85059,30996	4,46278	10,14940,69004	0	40	
			2,96991		1,49270		4,46262				
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M	

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,76217,74756	2,96991	9,91158,43760	1,49270	9,85059,30996	4,46262	10,14940,69004	o	40
	10	9,76220,71747	2,96961	9,91156,94490	1,49286	9,85063,77258	4,46247	10,14936,22742	50	
	20	9,76223,68708	2,96930	9,91155,45204	1,49302	9,85068,23505	4,46231	10,14931,76495	40	
	30	9,76226,65638	2,96900	9,91153,95902	1,49317	9,85072,69736	4,46217	10,14927,30264	30	
	40	9,76229,62538	2,96869	9,91152,46585	1,49332	9,85077,15953	4,46201	10,14922,84047	20	
	50	9,76232,59407	2,96839	9,91150,97253	1,49347	9,85081,62154	4,46186	10,14918,37846	10	
21	0	9,76235,56246	2,96809	9,91149,47906	1,49363	9,85086,08340	4,46171	10,14913,91660	o	39
	10	9,76238,53055	2,96777	9,91147,98543	1,49378	9,85090,54511	4,46156	10,14909,45489	50	
	20	9,76241,49832	2,96748	9,91146,49165	1,49393	9,85095,00667	4,46141	10,14904,99333	40	
	30	9,76244,46580	2,96717	9,91144,99772	1,49409	9,85099,46808	4,46126	10,14900,53192	30	
	40	9,76247,43297	2,96686	9,91143,50363	1,49424	9,85103,92934	4,46110	10,14896,07066	20	
	50	9,76250,39983	2,96656	9,91142,00939	1,49440	9,85108,39044	4,46096	10,14891,60956	10	
22	0	9,76253,36639	2,96625	9,91140,51499	1,49455	9,85112,85140	4,46080	10,14887,14860	o	38
	10	9,76256,33264	2,96595	9,91139,02044	1,49470	9,85117,31220	4,46065	10,14882,68780	50	
	20	9,76259,29859	2,96565	9,91137,52574	1,49485	9,85121,77285	4,46050	10,14878,22715	40	
	30	9,76262,26424	2,96534	9,91136,03089	1,49501	9,85126,23335	4,46035	10,14873,76665	30	
	40	9,76265,22958	2,96503	9,91134,53588	1,49517	9,85130,69370	4,46020	10,14869,30630	20	
	50	9,76268,19461	2,96473	9,91133,04071	1,49531	9,85135,15390	4,46005	10,14864,84610	10	
23	0	9,76271,15934	2,96443	9,91131,54540	1,49547	9,85139,61395	4,45989	10,14860,38605	o	37
	10	9,76274,12377	2,96412	9,91130,04993	1,49562	9,85144,07384	4,45975	10,14855,92616	50	
	20	9,76277,08789	2,96382	9,91128,55431	1,49578	9,85148,53359	4,45959	10,14851,46641	40	
	30	9,76280,05171	2,96351	9,91127,05853	1,49593	9,85152,99318	4,45945	10,14847,00682	30	
	40	9,76283,01522	2,96321	9,91125,56260	1,49609	9,85157,45263	4,45929	10,14842,54737	20	
	50	9,76285,97843	2,96291	9,91124,06651	1,49623	9,85161,91192	4,45914	10,14838,08808	10	
24	0	9,76288,94134	2,96260	9,91122,57028	1,49640	9,85166,37106	4,45900	10,14833,62894	o	36
	10	9,76291,90394	2,96230	9,91121,07388	1,49654	9,85170,83006	4,45884	10,14829,16994	50	
	20	9,76294,86624	2,96199	9,91119,57734	1,49670	9,85175,28890	4,45869	10,14824,71110	40	
	30	9,76297,82823	2,96169	9,91118,08064	1,49685	9,85179,74759	4,45854	10,14820,25241	30	
	40	9,76300,78992	2,96138	9,91116,58379	1,49701	9,85184,20613	4,45839	10,14815,79387	20	
	50	9,76303,75130	2,96108	9,91115,08678	1,49716	9,85188,66452	4,45824	10,14811,33548	10	
25	0	9,76306,71238	2,96078	9,91113,58962	1,49731	9,85193,12276	4,45809	10,14806,87724	o	35
	10	9,76309,67316	2,96047	9,91112,09231	1,49747	9,85197,58085	4,45794	10,14802,41915	50	
	20	9,76312,63363	2,96017	9,91110,59484	1,49762	9,85202,03879	4,45779	10,14797,96121	40	
	30	9,76315,59380	2,95987	9,91109,09722	1,49777	9,85206,49658	4,45764	10,14793,50342	30	
	40	9,76318,55367	2,95956	9,91107,59945	1,49793	9,85210,95422	4,45749	10,14789,04578	20	
	50	9,76321,51323	2,95926	9,91106,10152	1,49808	9,85215,41171	4,45734	10,14784,58829	10	
26	0	9,76324,47249	2,95895	9,91104,60344	1,49824	9,85219,86905	4,45719	10,14780,13095	o	34
	10	9,76327,43144	2,95865	9,91103,10520	1,49839	9,85224,32624	4,45704	10,14775,67376	50	
	20	9,76330,39009	2,95835	9,91101,60681	1,49854	9,85228,78328	4,45689	10,14771,21672	40	
	30	9,76333,34844	2,95804	9,91100,10827	1,49870	9,85233,24017	4,45674	10,14766,75983	30	
	40	9,76336,30648	2,95774	9,91098,60957	1,49885	9,85237,69691	4,45659	10,14762,30309	20	
	50	9,76339,26422	2,95744	9,91097,11072	1,49900	9,85242,15350	4,45644	10,14757,84650	10	
27	0	9,76342,22166	2,95713	9,91095,61172	1,49916	9,85246,60994	4,45629	10,14753,39006	o	33
	10	9,76345,17879	2,95683	9,91094,11256	1,49931	9,85251,06623	4,45614	10,14748,93377	50	
	20	9,76348,13562	2,95652	9,91092,61325	1,49947	9,85255,52237	4,45599	10,14744,47763	40	
	30	9,76351,09214	2,95623	9,91091,11378	1,49962	9,85259,97836	4,45585	10,14740,02164	30	
	40	9,76354,04837	2,95592	9,91089,61416	1,49977	9,85264,43421	4,45569	10,14735,56579	20	
	50	9,76357,00429	2,95561	9,91088,11439	1,49993	9,85268,88990	4,45554	10,14731,11010	10	
28	0	9,76359,95990	2,95531	9,91086,61446	1,50008	9,85273,34544	4,45540	10,14726,65456	o	32
	10	9,76362,91521	2,95501	9,91085,11438	1,50024	9,85277,80084	4,45524	10,14722,19916	50	
	20	9,76365,87022	2,95471	9,91083,61414	1,50039	9,85282,25608	4,45510	10,14717,74392	40	
	30	9,76368,82493	2,95440	9,91082,11375	1,50054	9,85286,71118	4,45495	10,14713,28882	30	
	40	9,76371,77933	2,95410	9,91080,61321	1,50070	9,85291,16613	4,45479	10,14708,83387	20	
	50	9,76374,73343	2,95380	9,91079,11251	1,50085	9,85295,62092	4,45465	10,14704,37908	10	
29	0	9,76377,68723	2,95350	9,91077,61166	1,50101	9,85300,07557	4,45450	10,14699,92443	o	31
	10	9,76380,64073	2,95319	9,91076,11065	1,50116	9,85304,53007	4,45435	10,14695,46993	50	
	20	9,76383,59392	2,95289	9,91074,60949	1,50131	9,85308,98442	4,45420	10,14691,01558	40	
	30	9,76386,54681	2,95258	9,91073,10818	1,50147	9,85313,43862	4,45406	10,14686,56138	30	
	40	9,76389,49939	2,95228	9,91071,60671	1,50162	9,85317,89268	4,45390	10,14682,10732	20	
	50	9,76392,45167	2,95198	9,91070,10509	1,50177	9,85322,34658	4,45376	10,14677,65342	10	
30	0	9,76395,40365	2,95168	9,91068,60332	1,50193	9,85326,80034	4,45360	10,14673,19966	o	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,76395,40365	2,95168	9,91068,60332	1,50193	9,85326,80034	4,45360	10,14673,19966	0	30
31	10	9,76398,35533	2,95138	9,91067,10139	1,50208	9,85331,25394	4,45346	10,14668,74606	50	29
	20	9,76401,30671	2,95107	9,91065,59931	1,50224	9,85335,70740	4,45331	10,14664,29260	40	
	30	9,76404,25778	2,95077	9,91064,09707	1,50239	9,85340,16071	4,45316	10,14659,83929	30	
	40	9,76407,20855	2,95047	9,91062,59468	1,50255	9,85344,61387	4,45301	10,14655,38613	20	
	50	9,76410,15902	2,95016	9,91061,09213	1,50270	9,85349,06688	4,45287	10,14650,93312	10	
32	0	9,76413,10918	2,94986	9,91059,58943	1,50285	9,85353,51975	4,45271	10,14646,48025	0	28
	10	9,76416,05904	2,94956	9,91058,08658	1,50301	9,85357,97246	4,45257	10,14642,02754	50	
	20	9,76419,00860	2,94926	9,91056,58357	1,50316	9,85362,42503	4,45242	10,14637,57497	40	
	30	9,76421,95786	2,94895	9,91055,08041	1,50332	9,85366,87745	4,45227	10,14633,12255	30	
	40	9,76424,90681	2,94866	9,91053,57709	1,50347	9,85371,32972	4,45212	10,14628,67028	20	
33	50	9,76427,85547	2,94835	9,91052,07362	1,50362	9,85375,78184	4,45198	10,14624,21816	10	27
	0	9,76430,80382	2,94805	9,91050,57000	1,50378	9,85380,23382	4,45182	10,14619,76618	0	
	10	9,76433,75187	2,94774	9,91049,06622	1,50393	9,85384,68564	4,45168	10,14615,31436	50	
	20	9,76436,69961	2,94745	9,91047,56229	1,50409	9,85389,13732	4,45153	10,14610,86268	40	
	30	9,76439,64706	2,94714	9,91046,05820	1,50424	9,85393,58885	4,45139	10,14606,41115	30	
34	40	9,76442,59420	2,94684	9,91044,55396	1,50439	9,85398,04024	4,45123	10,14601,95976	20	26
	50	9,76445,54104	2,94654	9,91043,04957	1,50455	9,85402,49147	4,45109	10,14597,50853	10	
	0	9,76448,48758	2,94623	9,91041,54502	1,50471	9,85406,94256	4,45094	10,14593,05744	0	
	10	9,76451,43381	2,94593	9,91040,04031	1,50485	9,85411,39350	4,45079	10,14588,60650	50	
	20	9,76454,37974	2,94564	9,91038,53546	1,50501	9,85415,84429	4,45064	10,14584,15571	40	
35	30	9,76457,32538	2,94533	9,91037,03045	1,50517	9,85420,29493	4,45050	10,14579,70507	30	25
	40	9,76460,27071	2,94503	9,91035,52528	1,50532	9,85424,74543	4,45035	10,14575,25457	20	
	50	9,76463,21574	2,94472	9,91034,01996	1,50547	9,85429,19578	4,45020	10,14570,80422	10	
	0	9,76466,16046	2,94443	9,91032,51449	1,50563	9,85433,64598	4,45005	10,14566,35402	0	
	10	9,76469,10489	2,94412	9,91031,00886	1,50579	9,85438,09603	4,44991	10,14561,90397	50	24
36	20	9,76472,04901	2,94382	9,91029,50307	1,50593	9,85442,54594	4,44976	10,14557,45406	40	
	30	9,76474,99283	2,94352	9,91027,99714	1,50610	9,85446,99570	4,44961	10,14553,00430	30	
	40	9,76477,93635	2,94322	9,91026,49104	1,50624	9,85451,44531	4,44946	10,14548,55469	20	
	50	9,76480,87957	2,94292	9,91024,98480	1,50640	9,85455,89477	4,44932	10,14544,10523	10	
37	0	9,76483,82249	2,94261	9,91023,47840	1,50656	9,85460,34409	4,44917	10,14539,65591	0	23
	10	9,76486,76510	2,94232	9,91021,97184	1,50671	9,85464,79326	4,44902	10,14535,20674	50	
	20	9,76489,70742	2,94201	9,91020,46513	1,50686	9,85469,24228	4,44888	10,14530,75772	40	
	30	9,76492,64943	2,94171	9,91018,95827	1,50702	9,85473,69116	4,44872	10,14526,30884	30	
	40	9,76495,59114	2,94141	9,91017,45125	1,50717	9,85478,13988	4,44859	10,14521,86012	20	
38	50	9,76498,53255	2,94111	9,91015,94408	1,50732	9,85482,58847	4,44843	10,14517,41153	10	22
	0	9,76501,47366	2,94080	9,91014,43676	1,50749	9,85487,03690	4,44829	10,14512,96310	0	
	10	9,76504,41446	2,94051	9,91012,92927	1,50763	9,85491,48519	4,44814	10,14508,51481	50	
	20	9,76507,35497	2,94021	9,91011,42164	1,50779	9,85495,93333	4,44800	10,14504,06667	40	
	30	9,76510,29518	2,93990	9,91009,91385	1,50794	9,85500,38133	4,44784	10,14499,61867	30	
39	40	9,76513,23508	2,93960	9,91008,40591	1,50810	9,85504,82917	4,44770	10,14495,17083	20	21
	50	9,76516,17468	2,93930	9,91006,89781	1,50826	9,85509,27687	4,44756	10,14490,72313	10	
	0	9,76519,11398	2,93900	9,91005,38955	1,50840	9,85513,72443	4,44741	10,14486,27557	0	
	10	9,76522,05298	2,93870	9,91003,88115	1,50856	9,85518,17184	4,44726	10,14481,82816	50	
	20	9,76524,99168	2,93840	9,91002,37259	1,50872	9,85522,61910	4,44711	10,14477,38090	40	
40	30	9,76527,93008	2,93810	9,91000,86387	1,50887	9,85527,06621	4,44697	10,14472,93379	30	20
	40	9,76530,86818	2,93780	9,90999,35500	1,50903	9,85531,51318	4,44683	10,14468,48682	20	
	50	9,76533,80598	2,93750	9,90997,84597	1,50918	9,85535,96001	4,44667	10,14464,03999	10	
	0	9,76536,74348	2,93719	9,90996,33679	1,50933	9,85540,40668	4,44653	10,14459,59332	0	
	10	9,76539,68067	2,93690	9,90994,82746	1,50949	9,85544,85321	4,44639	10,14455,14679	50	
41	20	9,76542,61757	2,93659	9,90993,31797	1,50964	9,85549,29960	4,44623	10,14450,70040	40	19
	30	9,76545,55416	2,93629	9,90991,80833	1,50980	9,85553,74583	4,44610	10,14446,25417	30	
	40	9,76548,49045	2,93600	9,90990,29853	1,50996	9,85558,19193	4,44594	10,14441,80807	20	
	50	9,76551,42645	2,93569	9,90988,78857	1,51010	9,85562,63787	4,44580	10,14437,36213	10	
	0	9,76554,36214	2,93539	9,90987,27847	1,51026	9,85567,08367	4,44566	10,14432,91633	0	
42	10	9,76557,29753	2,93509	9,90985,76821	1,51042	9,85571,52933	4,44550	10,14428,47067	50	18
	20	9,76560,23262	2,93479	9,90984,25779	1,51057	9,85575,97483	4,44537	10,14424,02517	40	
	30	9,76563,16741	2,93449	9,90982,74722	1,51073	9,85580,42020	4,44521	10,14419,57980	30	
	40	9,76566,10190	2,93420	9,90981,23649	1,51088	9,85584,86541	4,44507	10,14415,13459	20	
	50	9,76569,03610	2,93389	9,90979,72561	1,51103	9,85589,31048	4,44493	10,14410,68952	10	
43	0	9,76571,96999	2,93359	9,90978,21458	1,51119	9,85593,75541	4,44478	10,14406,24459	0	17
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,76571,96999		9,90978,21458		9,85593,75541		10,14406,24459	0	20
			2,93359		1,51119		4,44478			
	10	9,76574,90358	2,93329	9,90976,70339	1,51135	9,85598,20019	4,44463	10,14401,79981	50	
	20	9,76577,83687	2,93298	9,90975,19204	1,51150	9,85602,64482	4,44449	10,14397,35518	40	
	30	9,76580,76985	2,93269	9,90973,68054	1,51165	9,85607,08931	4,44434	10,14392,91069	30	
	40	9,76583,70254	2,93239	9,90972,16889	1,51181	9,85611,53365	4,44420	10,14388,46635	20	
	50	9,76586,63493	2,93209	9,90970,65708	1,51196	9,85615,97785	4,44405	10,14384,02215	10	
41	0	9,76589,56702	2,93179	9,90969,14512	1,51212	9,85620,42190	4,44391	10,14379,57810	0	19
	10	9,76592,49881	2,93149	9,90967,63300	1,51227	9,85624,86581	4,44376	10,14375,13419	50	
	20	9,76595,43030	2,93119	9,90966,12073	1,51243	9,85629,30957	4,44362	10,14370,69043	40	
	30	9,76598,36149	2,93089	9,90964,60830	1,51258	9,85633,75319	4,44347	10,14366,24681	30	
	40	9,76601,29238	2,93059	9,90963,09572	1,51274	9,85638,19666	4,44333	10,14361,80334	20	
	50	9,76604,22297	2,93029	9,90961,58298	1,51289	9,85642,63999	4,44318	10,14357,36001	10	
42	0	9,76607,15326	2,92999	9,90960,07009	1,51304	9,85647,08317	4,44303	10,14352,91683	0	18
	10	9,76610,08325	2,92969	9,90958,55705	1,51321	9,85651,52620	4,44289	10,14348,47380	50	
	20	9,76613,01294	2,92939	9,90957,04384	1,51335	9,85655,96909	4,44275	10,14344,03091	40	
	30	9,76615,94233	2,92909	9,90955,53049	1,51351	9,85660,41184	4,44260	10,14339,58816	30	
	40	9,76618,87142	2,92879	9,90954,01698	1,51367	9,85664,85444	4,44246	10,14335,14556	20	
	50	9,76621,80021	2,92849	9,90952,50331	1,51382	9,85669,29690	4,44231	10,14330,70310	10	
43	0	9,76624,72870	2,92820	9,90950,98949	1,51397	9,85673,73921	4,44217	10,14326,26079	0	17
	10	9,76627,65690	2,92789	9,90949,47552	1,51413	9,85678,18138	4,44202	10,14321,81862	50	
	20	9,76630,58479	2,92759	9,90947,96139	1,51429	9,85682,62340	4,44188	10,14317,37660	40	
	30	9,76633,51238	2,92730	9,90946,44710	1,51444	9,85687,06528	4,44173	10,14312,93472	30	
	40	9,76636,43968	2,92699	9,90944,93266	1,51459	9,85691,50701	4,44159	10,14308,49299	20	
	50	9,76639,36667	2,92669	9,90943,41807	1,51475	9,85695,94860	4,44145	10,14304,05140	10	
44	0	9,76642,29336	2,92640	9,90941,90332	1,51491	9,85700,39005	4,44130	10,14299,60995	0	16
	10	9,76645,21976	2,92610	9,90940,38841	1,51506	9,85704,83135	4,44115	10,14295,16865	50	
	20	9,76648,14586	2,92579	9,90938,87335	1,51521	9,85709,27250	4,44102	10,14290,72750	40	
	30	9,76651,07165	2,92550	9,90937,35814	1,51537	9,85713,71352	4,44086	10,14286,28648	30	
	40	9,76653,99715	2,92520	9,90935,84277	1,51553	9,85718,15438	4,44073	10,14281,84562	20	
	50	9,76656,92235	2,92490	9,90934,32724	1,51567	9,85722,59511	4,44058	10,14277,40489	10	
45	0	9,76659,84725	2,92460	9,90932,81157	1,51584	9,85727,03569	4,44043	10,14272,96431	0	15
	10	9,76662,77185	2,92430	9,90931,29573	1,51599	9,85731,47612	4,44029	10,14268,52388	50	
	20	9,76665,69615	2,92401	9,90929,77974	1,51614	9,85735,91641	4,44015	10,14264,08359	40	
	30	9,76668,62016	2,92370	9,90928,26360	1,51630	9,85740,35656	4,44000	10,14259,64344	30	
	40	9,76671,54386	2,92341	9,90926,74730	1,51646	9,85744,79656	4,43986	10,14255,20344	20	
	50	9,76674,46727	2,92310	9,90925,23084	1,51661	9,85749,23642	4,43972	10,14250,76358	10	
46	0	9,76677,39037	2,92281	9,90923,71423	1,51676	9,85753,67614	4,43957	10,14246,32386	0	14
	10	9,76680,31318	2,92251	9,90922,19747	1,51692	9,85758,11571	4,43943	10,14241,88429	50	
	20	9,76683,23569	2,92221	9,90920,68055	1,51707	9,85762,55514	4,43928	10,14237,44486	40	
	30	9,76686,15790	2,92191	9,90919,16348	1,51723	9,85766,99442	4,43915	10,14233,00558	30	
	40	9,76689,07981	2,92161	9,90917,64625	1,51739	9,85771,43357	4,43899	10,14228,56643	20	
	50	9,76692,00142	2,92132	9,90916,12886	1,51754	9,85775,87256	4,43886	10,14224,12744	10	
47	0	9,76694,92274	2,92101	9,90914,61132	1,51769	9,85780,31142	4,43871	10,14219,68858	0	13
	10	9,76697,84375	2,92072	9,90913,09363	1,51785	9,85784,75013	4,43856	10,14215,24987	50	
	20	9,76700,76447	2,92042	9,90911,57578	1,51801	9,85789,18869	4,43843	10,14210,81131	40	
	30	9,76703,68489	2,92012	9,90910,05777	1,51816	9,85793,62712	4,43828	10,14206,37288	30	
	40	9,76706,60501	2,91982	9,90908,53961	1,51831	9,85798,06540	4,43814	10,14201,93460	20	
	50	9,76709,52483	2,91952	9,90907,02130	1,51848	9,85802,50354	4,43799	10,14197,49646	10	
48	0	9,76712,44435	2,91923	9,90905,50282	1,51862	9,85806,94153	4,43785	10,14193,05847	0	12
	10	9,76715,36358	2,91893	9,90903,98420	1,51878	9,85811,37938	4,43771	10,14188,62062	50	
	20	9,76718,28251	2,91862	9,90902,46542	1,51894	9,85815,81709	4,43756	10,14184,18291	40	
	30	9,76721,20113	2,91834	9,90900,94648	1,51909	9,85820,25465	4,43742	10,14179,74535	30	
	40	9,76724,11947	2,91803	9,90899,42739	1,51925	9,85824,69207	4,43728	10,14175,30793	20	
	50	9,76727,03750	2,91773	9,90897,90814	1,51940	9,85829,12935	4,43714	10,14170,87065	10	
49	0	9,76729,95523	2,91744	9,90896,38874	1,51956	9,85833,56649	4,43699	10,14166,43351	0	11
	10	9,76732,87267	2,91714	9,90894,86918	1,51971	9,85838,00348	4,43685	10,14161,99652	50	
	20	9,76735,78981	2,91683	9,90893,34947	1,51987	9,85842,44033	4,43671	10,14157,55967	40	
	30	9,76738,70664	2,91655	9,90891,82960	1,52002	9,85846,87704	4,43657	10,14153,12296	30	
	40	9,76741,62319	2,91624	9,90890,30958	1,52018	9,85851,31361	4,43642	10,14148,68639	20	
	50	9,76744,53943	2,91595	9,90888,78940	1,52033	9,85855,75003	4,43628	10,14144,24997	10	
50	0	9,76747,45538	2,91565	9,90887,26907	1,52049	9,85860,18631	4,43613	10,14139,81369	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,76747,45538	2,91565	9,90887,26907	1,52049	9,85860,18631	4,43613	10,14139,81369	0	10
51	10	9,76750,37103	2,91535	9,90885,74858	1,52064	9,85864,62244	4,43600	10,14135,37756	50	9
	20	9,76753,28638	2,91505	9,90884,22794	1,52080	9,85869,05844	4,43585	10,14130,94156	40	
	30	9,76756,20143	2,91475	9,90882,70714	1,52096	9,85873,49429	4,43571	10,14126,50571	30	
	40	9,76759,11618	2,91446	9,90881,18618	1,52111	9,85877,93000	4,43557	10,14122,07000	20	
	50	9,76762,03064	2,91416	9,90879,66507	1,52126	9,85882,36557	4,43542	10,14117,63443	10	
52	0	9,76764,94480	2,91386	9,90878,14381	1,52142	9,85886,80099	4,43529	10,14113,19901	0	8
	10	9,76767,85866	2,91357	9,90876,62239	1,52158	9,85891,23628	4,43514	10,14108,76372	50	
	20	9,76770,77223	2,91326	9,90875,10081	1,52173	9,85895,67142	4,43500	10,14104,32858	40	
	30	9,76773,68549	2,91297	9,90873,57908	1,52189	9,85900,10642	4,43485	10,14099,89358	30	
	40	9,76776,59846	2,91268	9,90872,05719	1,52204	9,85904,54127	4,43472	10,14095,45873	20	
53	50	9,76779,51114	2,91237	9,90870,53515	1,52220	9,85908,97599	4,43457	10,14091,02401	10	7
	0	9,76782,42351	2,91208	9,90869,01295	1,52235	9,85913,41056	4,43443	10,14086,58944	0	
	10	9,76785,33559	2,91178	9,90867,49060	1,52251	9,85917,84499	4,43429	10,14082,15501	50	
	20	9,76788,24737	2,91148	9,90865,96809	1,52266	9,85922,27928	4,43415	10,14077,72072	40	
	30	9,76791,15885	2,91119	9,90864,44543	1,52282	9,85926,71343	4,43400	10,14073,28657	30	
54	40	9,76794,07004	2,91088	9,90862,92261	1,52298	9,85931,14743	4,43386	10,14068,85257	20	6
	50	9,76796,98092	2,91060	9,90861,39963	1,52313	9,85935,58129	4,43373	10,14064,41871	10	
	0	9,76799,89152	2,91029	9,90859,87650	1,52329	9,85940,01502	4,43358	10,14059,98498	0	
	10	9,76802,80181	2,91000	9,90858,35321	1,52344	9,85944,44860	4,43343	10,14055,55140	50	
	20	9,76805,71181	2,90970	9,90856,82977	1,52360	9,85948,88203	4,43330	10,14051,11797	40	
55	30	9,76808,62151	2,90940	9,90855,30617	1,52375	9,85953,31533	4,43316	10,14046,68467	30	5
	40	9,76811,53091	2,90910	9,90853,78242	1,52391	9,85957,74849	4,43301	10,14042,25151	20	
	50	9,76814,44001	2,90881	9,90852,25851	1,52406	9,85962,18150	4,43287	10,14037,81850	10	
	0	9,76817,34882	2,90852	9,90850,73445	1,52422	9,85966,61437	4,43274	10,14033,38563	0	
	10	9,76820,25734	2,90821	9,90849,21023	1,52437	9,85971,04711	4,43259	10,14028,95289	50	
56	20	9,76823,16555	2,90792	9,90847,68586	1,52454	9,85975,47970	4,43244	10,14024,52030	40	4
	30	9,76826,07347	2,90762	9,90846,16132	1,52468	9,85979,91214	4,43231	10,14020,08786	30	
	40	9,76828,98109	2,90733	9,90844,63664	1,52484	9,85984,34445	4,43217	10,14015,65555	20	
	50	9,76831,88842	2,90702	9,90843,11180	1,52500	9,85988,77662	4,43202	10,14011,22338	10	
	0	9,76834,79544	2,90674	9,90841,58680	1,52515	9,85993,20864	4,43189	10,14006,79136	0	
57	10	9,76837,70218	2,90643	9,90840,06165	1,52531	9,85997,64053	4,43174	10,14002,35947	50	3
	20	9,76840,60861	2,90614	9,90838,53634	1,52547	9,86002,07227	4,43161	10,13997,92773	40	
	30	9,76843,51475	2,90584	9,90837,01087	1,52562	9,86006,50388	4,43146	10,13993,49612	30	
	40	9,76846,42059	2,90555	9,90835,48525	1,52577	9,86010,93534	4,43132	10,13989,06466	20	
	50	9,76849,32614	2,90525	9,90833,95948	1,52593	9,86015,36666	4,43118	10,13984,63334	10	
58	0	9,76852,23139	2,90495	9,90832,43355	1,52609	9,86019,79784	4,43104	10,13980,20216	0	2
	10	9,76855,13634	2,90465	9,90830,90746	1,52624	9,86024,22888	4,43090	10,13975,77112	50	
	20	9,76858,04099	2,90436	9,90829,38122	1,52640	9,86028,65978	4,43076	10,13971,34022	40	
	30	9,76860,94535	2,90407	9,90827,85482	1,52656	9,86033,09054	4,43061	10,13966,90946	30	
	40	9,76863,84942	2,90376	9,90826,32826	1,52671	9,86037,52115	4,43048	10,13962,47885	20	
59	50	9,76866,75318	2,90348	9,90824,80155	1,52686	9,86041,95163	4,43034	10,13958,04837	10	1
	0	9,76869,65666	2,90317	9,90823,27469	1,52702	9,86046,38197	4,43019	10,13953,61803	0	
	10	9,76872,55983	2,90288	9,90821,74767	1,52718	9,86050,81216	4,43006	10,13949,18784	50	
	20	9,76875,46271	2,90258	9,90820,22049	1,52733	9,86055,24222	4,42992	10,13944,75778	40	
	30	9,76878,36529	2,90229	9,90818,69316	1,52749	9,86059,67214	4,42977	10,13940,32786	30	
60	40	9,76881,26758	2,90199	9,90817,16567	1,52765	9,86064,10191	4,42964	10,13935,89809	20	0
	50	9,76884,16957	2,90169	9,90815,63802	1,52780	9,86068,53155	4,42949	10,13931,46845	10	
	0	9,76887,07126	2,90140	9,90814,11022	1,52795	9,86072,96104	4,42936	10,13927,03896	0	
	10	9,76889,97266	2,90111	9,90812,58227	1,52812	9,86077,39040	4,42921	10,13922,60960	50	
	20	9,76892,87377	2,90080	9,90811,05415	1,52826	9,86081,81961	4,42908	10,13918,18039	40	
61	30	9,76895,77457	2,90051	9,90809,52589	1,52843	9,86086,24869	4,42893	10,13913,75131	30	0
	40	9,76898,67508	2,90022	9,90807,99746	1,52858	9,86090,67762	4,42880	10,13909,32238	20	
	50	9,76901,57530	2,89992	9,90806,46888	1,52873	9,86095,10642	4,42865	10,13904,89358	10	
	0	9,76904,47522	2,89962	9,90804,94015	1,52889	9,86099,53507	4,42852	10,13900,46493	0	
	10	9,76907,37484	2,89933	9,90803,41126	1,52905	9,86103,96359	4,42837	10,13896,03641	50	
62	20	9,76910,27417	2,89903	9,90801,88221	1,52921	9,86108,39196	4,42824	10,13891,60804	40	0
	30	9,76913,17320	2,89874	9,90800,35300	1,52936	9,86112,82020	4,42810	10,13887,17980	30	
	40	9,76916,07194	2,89844	9,90798,82364	1,52951	9,86117,24830	4,42795	10,13882,75170	20	
	50	9,76918,97038	2,89815	9,90797,29413	1,52967	9,86121,67625	4,42782	10,13878,32375	10	
	0	9,76921,86853	2,89785	9,90795,76446	1,52983	9,86126,10407	4,42768	10,13873,89593	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,76921,86853	2,89785	9,90795,76446	1,52983	9,86126,10407	4,42768	10,13873,89593	0	60
	10	9,76924,76638	2,89756	9,90794,23463	1,52998	9,86130,53175	4,42754	10,13869,46825	50	
	20	9,76927,66394	2,89726	9,90792,70465	1,53014	9,86134,95929	4,42740	10,13865,04071	40	
	30	9,76930,56120	2,89696	9,90791,17451	1,53030	9,86139,38669	4,42726	10,13860,61331	30	
	40	9,76933,45816	2,89667	9,90789,64421	1,53045	9,86143,81395	4,42712	10,13856,18605	20	
	50	9,76936,35483	2,89637	9,90788,11376	1,53060	9,86148,24107	4,42698	10,13851,75893	10	
1	0	9,76939,25120	2,89608	9,90786,58316	1,53077	9,86152,66805	4,42684	10,13847,33195	0	59
	10	9,76942,14728	2,89579	9,90785,05239	1,53092	9,86157,09489	4,42670	10,13842,90511	50	
	20	9,76945,04307	2,89548	9,90783,52147	1,53107	9,86161,52159	4,42657	10,13838,47841	40	
	30	9,76947,93855	2,89520	9,90781,99040	1,53123	9,86165,94816	4,42642	10,13834,05184	30	
	40	9,76950,83375	2,89490	9,90780,45917	1,53139	9,86170,37458	4,42629	10,13829,62542	20	
	50	9,76953,72865	2,89460	9,90778,92778	1,53154	9,86174,80087	4,42614	10,13825,19913	10	
2	0	9,76956,62325	2,89431	9,90777,39624	1,53170	9,86179,22701	4,42601	10,13820,77299	0	58
	10	9,76959,51756	2,89401	9,90775,86454	1,53186	9,86183,65302	4,42587	10,13816,34698	50	
	20	9,76962,41157	2,89372	9,90774,33268	1,53201	9,86188,07889	4,42573	10,13811,92111	40	
	30	9,76965,30529	2,89342	9,90772,80067	1,53217	9,86192,50462	4,42559	10,13807,49538	30	
	40	9,76968,19871	2,89313	9,90771,26850	1,53232	9,86196,93021	4,42545	10,13803,06979	20	
	50	9,76971,09184	2,89283	9,90769,73618	1,53248	9,86201,35566	4,42532	10,13798,64434	10	
3	0	9,76973,98467	2,89254	9,90768,20370	1,53264	9,86205,78098	4,42517	10,13794,21902	0	57
	10	9,76976,87721	2,89225	9,90766,67106	1,53279	9,86210,20615	4,42504	10,13789,79385	50	
	20	9,76979,76946	2,89195	9,90765,13827	1,53295	9,86214,63119	4,42490	10,13785,36881	40	
	30	9,76982,66141	2,89165	9,90763,60532	1,53310	9,86219,05609	4,42476	10,13780,94391	30	
	40	9,76985,55306	2,89136	9,90762,07222	1,53327	9,86223,48085	4,42462	10,13776,51915	20	
	50	9,76988,44442	2,89107	9,90760,53895	1,53341	9,86227,90547	4,42448	10,13772,09453	10	
4	0	9,76991,33549	2,89077	9,90759,00554	1,53358	9,86232,32995	4,42435	10,13767,67005	0	56
	10	9,76994,22626	2,89048	9,90757,47196	1,53373	9,86236,75430	4,42420	10,13763,24570	50	
	20	9,76997,11674	2,89018	9,90755,93823	1,53388	9,86241,17850	4,42407	10,13758,82150	40	
	30	9,77000,00692	2,88989	9,90754,40435	1,53404	9,86245,60257	4,42393	10,13754,39743	30	
	40	9,77002,89681	2,88959	9,90752,87031	1,53420	9,86250,02650	4,42380	10,13749,97350	20	
	50	9,77005,78640	2,88930	9,90751,33611	1,53436	9,86254,45030	4,42365	10,13745,54970	10	
5	0	9,77008,67570	2,88901	9,90749,80175	1,53451	9,86258,87395	4,42352	10,13741,12605	0	55
	10	9,77011,56471	2,88871	9,90748,26724	1,53467	9,86263,29747	4,42337	10,13736,70253	50	
	20	9,77014,45342	2,88841	9,90746,73257	1,53482	9,86267,72084	4,42324	10,13732,27916	40	
	30	9,77017,34183	2,88813	9,90745,19775	1,53498	9,86272,14408	4,42311	10,13727,85592	30	
	40	9,77020,22996	2,88783	9,90743,66277	1,53514	9,86276,56719	4,42296	10,13723,43281	20	
	50	9,77023,11779	2,88753	9,90742,12763	1,53529	9,86280,99015	4,42283	10,13719,00985	10	
6	0	9,77026,00532	2,88724	9,90740,59234	1,53545	9,86285,41298	4,42269	10,13714,58702	0	54
	10	9,77028,89256	2,88695	9,90739,05689	1,53560	9,86289,83567	4,42255	10,13710,16433	50	
	20	9,77031,77951	2,88665	9,90737,52129	1,53577	9,86294,25822	4,42241	10,13705,74178	40	
	30	9,77034,66616	2,88636	9,90735,98552	1,53591	9,86298,68063	4,42228	10,13701,31937	30	
	40	9,77037,55252	2,88606	9,90734,44961	1,53608	9,86303,10291	4,42214	10,13696,89709	20	
	50	9,77040,43858	2,88577	9,90732,91353	1,53623	9,86307,52505	4,42200	10,13692,47495	10	
7	0	9,77043,32435	2,88548	9,90731,37730	1,53639	9,86311,94705	4,42187	10,13688,05295	0	53
	10	9,77046,20983	2,88518	9,90729,84091	1,53654	9,86316,36892	4,42172	10,13683,63108	50	
	20	9,77049,09501	2,88489	9,90728,30437	1,53670	9,86320,79064	4,42159	10,13679,20936	40	
	30	9,77051,97990	2,88460	9,90726,76767	1,53686	9,86325,21223	4,42146	10,13674,78777	30	
	40	9,77054,86450	2,88430	9,90725,23081	1,53701	9,86329,63369	4,42131	10,13670,36631	20	
	50	9,77057,74880	2,88401	9,90723,69380	1,53717	9,86334,05500	4,42118	10,13665,94500	10	
8	0	9,77060,63281	2,88371	9,90722,15663	1,53733	9,86338,47618	4,42104	10,13661,52382	0	52
	10	9,77063,51652	2,88342	9,90720,61930	1,53748	9,86342,89722	4,42090	10,13657,10278	50	
	20	9,77066,39994	2,88313	9,90719,08182	1,53764	9,86347,31812	4,42077	10,13652,68188	40	
	30	9,77069,28307	2,88284	9,90717,54418	1,53780	9,86351,73889	4,42063	10,13648,26111	30	
	40	9,77072,16591	2,88254	9,90716,00638	1,53795	9,86356,15952	4,42049	10,13643,84048	20	
	50	9,77075,04845	2,88224	9,90714,46843	1,53811	9,86360,58001	4,42036	10,13639,41999	10	
9	0	9,77077,93069	2,88196	9,90712,93032	1,53826	9,86365,00037	4,42022	10,13634,99963	0	51
	10	9,77080,81265	2,88166	9,90711,39206	1,53842	9,86369,42059	4,42008	10,13630,57941	50	
	20	9,77083,69431	2,88137	9,90709,85364	1,53858	9,86373,84067	4,41995	10,13626,15933	40	
	30	9,77086,57568	2,88107	9,90708,31506	1,53874	9,86378,26062	4,41981	10,13621,73938	30	
	40	9,77089,45675	2,88078	9,90706,77632	1,53889	9,86382,68043	4,41967	10,13617,31957	20	
	50	9,77092,33753	2,88049	9,90705,23743	1,53905	9,86387,10010	4,41954	10,13612,89990	10	
10	0	9,77095,21802	2,88020	9,90703,69838	1,53920	9,86391,51964	4,41940	10,13608,48036	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,77095,21802		9,90703,69838		9,86391,51964		10,13608,48036	o	50
	10	9,77098,09822	2,88020	9,90702,15918	1,53920	9,86395,93904	4,41940	10,13604,06096	50	
	20	9,77100,97812	2,87990	9,90700,61982	1,53936	9,86400,35830	4,41926	10,13599,64170	40	
	30	9,77103,85773	2,87961	9,90699,08030	1,53952	9,86404,77743	4,41913	10,13595,22257	30	
	40	9,77106,73704	2,87931	9,90697,54062	1,53968	9,86409,19642	4,41899	10,13590,80358	20	
	50	9,77109,61607	2,87903	9,90696,00079	1,53983	9,86413,61528	4,41886	10,13586,38472	10	
11	0	9,77112,49480	2,87873	9,90694,46080	1,53999	9,86418,03399	4,41871	10,13581,96601	o	49
	10	9,77115,37323	2,87843	9,90692,92066	1,54014	9,86422,45258	4,41859	10,13577,54742	50	
	20	9,77118,25138	2,87815	9,90691,38036	1,54030	9,86426,87102	4,41844	10,13573,12898	40	
	30	9,77121,12923	2,87785	9,90689,83990	1,54046	9,86431,28933	4,41831	10,13568,71067	30	
	40	9,77124,00679	2,87756	9,90688,29928	1,54062	9,86435,70751	4,41818	10,13564,29249	20	
	50	9,77126,88405	2,87726	9,90686,75851	1,54077	9,86440,12554	4,41803	10,13559,87446	10	
12	0	9,77129,76103	2,87698	9,90685,21758	1,54093	9,86444,54345	4,41791	10,13555,45655	o	48
	10	9,77132,63771	2,87668	9,90683,67650	1,54108	9,86448,96121	4,41776	10,13551,03879	50	
	20	9,77135,51409	2,87638	9,90682,13525	1,54125	9,86453,37884	4,41763	10,13546,62116	40	
	30	9,77138,39019	2,87610	9,90680,59385	1,54140	9,86457,79634	4,41750	10,13542,20366	30	
	40	9,77141,26599	2,87580	9,90679,05230	1,54155	9,86462,21369	4,41735	10,13537,78631	20	
	50	9,77144,14150	2,87551	9,90677,51059	1,54171	9,86466,63092	4,41723	10,13533,36908	10	
13	0	9,77147,01672	2,87522	9,90675,96872	1,54187	9,86471,04800	4,41708	10,13528,95200	o	47
	10	9,77149,89165	2,87493	9,90674,42669	1,54203	9,86475,46496	4,41696	10,13524,53504	50	
	20	9,77152,76628	2,87463	9,90672,88451	1,54218	9,86479,88177	4,41681	10,13520,11823	40	
	30	9,77155,64062	2,87434	9,90671,34217	1,54234	9,86484,29845	4,41668	10,13515,70155	30	
	40	9,77158,51467	2,87405	9,90669,79967	1,54250	9,86488,71500	4,41655	10,13511,28500	20	
	50	9,77161,38843	2,87376	9,90668,25702	1,54265	9,86493,13141	4,41641	10,13506,86859	10	
14	0	9,77164,26189	2,87346	9,90666,71421	1,54281	9,86497,54768	4,41627	10,13502,45232	o	46
	10	9,77167,13506	2,87317	9,90665,17124	1,54297	9,86501,96382	4,41614	10,13498,03618	50	
	20	9,77170,00794	2,87288	9,90663,62812	1,54312	9,86506,37983	4,41601	10,13493,62017	40	
	30	9,77172,88053	2,87259	9,90662,08483	1,54329	9,86510,79570	4,41587	10,13489,20430	30	
	40	9,77175,75283	2,87230	9,90660,54140	1,54343	9,86515,21143	4,41573	10,13484,78857	20	
	50	9,77178,62483	2,87200	9,90658,99780	1,54360	9,86519,62703	4,41560	10,13480,37297	10	
15	0	9,77181,49654	2,87171	9,90657,45405	1,54375	9,86524,04249	4,41546	10,13475,95751	o	45
	10	9,77184,36796	2,87142	9,90655,91014	1,54391	9,86528,45782	4,41533	10,13471,54218	50	
	20	9,77187,23909	2,87113	9,90654,36607	1,54407	9,86532,87301	4,41519	10,13467,12699	40	
	30	9,77190,10992	2,87083	9,90652,82185	1,54422	9,86537,28807	4,41506	10,13462,71193	30	
	40	9,77192,98047	2,87055	9,90651,27747	1,54438	9,86541,70300	4,41493	10,13458,29700	20	
	50	9,77195,85072	2,87025	9,90649,73293	1,54454	9,86546,11779	4,41479	10,13453,88221	10	
16	0	9,77198,72068	2,86996	9,90648,18824	1,54469	9,86550,53244	4,41465	10,13449,46756	o	44
	10	9,77201,59035	2,86967	9,90646,64339	1,54485	9,86554,94696	4,41452	10,13445,05304	50	
	20	9,77204,45973	2,86938	9,90645,09838	1,54501	9,86559,36135	4,41439	10,13440,63865	40	
	30	9,77207,32881	2,86908	9,90643,55322	1,54516	9,86563,77560	4,41425	10,13436,22440	30	
	40	9,77210,19761	2,86880	9,90642,00790	1,54532	9,86568,18971	4,41411	10,13431,81029	20	
	50	9,77213,06611	2,86850	9,90640,46242	1,54548	9,86572,60369	4,41398	10,13427,39631	10	
17	0	9,77215,93432	2,86821	9,90638,91678	1,54564	9,86577,01754	4,41385	10,13422,98246	o	43
	10	9,77218,80224	2,86792	9,90637,37099	1,54579	9,86581,43125	4,41371	10,13418,56875	50	
	20	9,77221,66987	2,86763	9,90635,82504	1,54595	9,86585,84483	4,41358	10,13414,15517	40	
	30	9,77224,53720	2,86733	9,90634,27893	1,54611	9,86590,25828	4,41345	10,13409,74172	30	
	40	9,77227,40425	2,86705	9,90632,73266	1,54627	9,86594,67159	4,41331	10,13405,32841	20	
	50	9,77230,27100	2,86675	9,90631,18624	1,54642	9,86599,08476	4,41317	10,13400,91524	10	
18	0	9,77233,13747	2,86647	9,90629,63966	1,54658	9,86603,49780	4,41304	10,13396,50220	o	42
	10	9,77236,00364	2,86617	9,90628,09293	1,54673	9,86607,91071	4,41291	10,13392,08929	50	
	20	9,77238,86952	2,86588	9,90626,54603	1,54690	9,86612,32348	4,41277	10,13387,67652	40	
	30	9,77241,73511	2,86559	9,90624,99898	1,54705	9,86616,73612	4,41264	10,13383,26388	30	
	40	9,77244,60040	2,86529	9,90623,45178	1,54720	9,86621,14863	4,41251	10,13378,85137	20	
	50	9,77247,46541	2,86501	9,90621,90441	1,54737	9,86625,56100	4,41237	10,13374,43900	10	
19	0	9,77250,33013	2,86472	9,90620,35689	1,54752	9,86629,97324	4,41224	10,13370,02676	o	41
	10	9,77253,19455	2,86442	9,90618,80921	1,54768	9,86634,38534	4,41210	10,13365,61466	50	
	20	9,77256,05868	2,86413	9,90617,26137	1,54784	9,86638,79731	4,41197	10,13361,20269	40	
	30	9,77258,92253	2,86385	9,90615,71338	1,54799	9,86643,20915	4,41184	10,13356,79085	30	
	40	9,77261,78608	2,86355	9,90614,16523	1,54815	9,86647,62085	4,41170	10,13352,37915	20	
	50	9,77264,64934	2,86326	9,90612,61692	1,54831	9,86652,03242	4,41157	10,13347,96758	10	
20	0	9,77267,51231	2,86297	9,90611,06845	1,54847	9,86656,44385	4,41143	10,13343,55615	o	40
			2,86268		1,54862		4,41131			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,77267,51231		9,90611,06845		9,86656,44385		10,13343,55615	o	40
	10	9,77270,37499	2,86268	9,90609,51983	1,54862	9,86660,85516	4,41131	10,13339,14484	50	
	20	9,77273,23738	2,86239	9,90607,97105	1,54878	9,86665,26633	4,41117	10,13334,73367	40	
	30	9,77276,09947	2,86209	9,90606,42211	1,54894	9,86669,67736	4,41103	10,13330,32264	30	
	40	9,77278,96128	2,86181	9,90604,87302	1,54909	9,86674,08826	4,41090	10,13325,91174	20	
	50	9,77281,82280	2,86152	9,90603,32377	1,54925	9,86678,49903	4,41077	10,13321,50097	10	
21	0	9,77284,68402	2,86122	9,90601,77436	1,54941	9,86682,90967	4,41064	10,13317,09033	o	39
	10	9,77287,54496	2,86094	9,90600,22479	1,54957	9,86687,32017	4,41050	10,13312,67983	50	
	20	9,77290,40560	2,86064	9,90598,67507	1,54972	9,86691,73054	4,41037	10,13308,26946	40	
	30	9,77293,26596	2,86036	9,90597,12518	1,54989	9,86696,14077	4,41023	10,13303,85923	30	
	40	9,77296,12602	2,86006	9,90595,57515	1,55003	9,86700,55088	4,41011	10,13299,44912	20	
	50	9,77298,98579	2,85977	9,90594,02495	1,55020	9,86704,96085	4,40997	10,13295,03915	10	
22	0	9,77301,84528	2,85949	9,90592,47460	1,55035	9,86709,37068	4,40983	10,13290,62932	o	38
	10	9,77304,70447	2,85919	9,90590,92408	1,55052	9,86713,78039	4,40971	10,13286,21961	50	
	20	9,77307,56337	2,85890	9,90589,37341	1,55067	9,86718,18996	4,40957	10,13281,81004	40	
	30	9,77310,42199	2,85862	9,90587,82259	1,55082	9,86722,59940	4,40944	10,13277,40060	30	
	40	9,77313,28031	2,85832	9,90586,27161	1,55098	9,86727,00870	4,40930	10,13272,99130	20	
	50	9,77316,13834	2,85803	9,90584,72046	1,55115	9,86731,41787	4,40917	10,13268,58213	10	
23	0	9,77318,99608	2,85774	9,90583,16917	1,55129	9,86735,82691	4,40904	10,13264,17309	o	37
	10	9,77321,85353	2,85745	9,90581,61771	1,55146	9,86740,23582	4,40891	10,13259,76418	50	
	20	9,77324,71069	2,85716	9,90580,06610	1,55161	9,86744,64460	4,40878	10,13255,35540	40	
	30	9,77327,56756	2,85687	9,90578,51432	1,55178	9,86749,05324	4,40864	10,13250,94676	30	
	40	9,77330,42415	2,85659	9,90576,96240	1,55192	9,86753,46175	4,40851	10,13246,53825	20	
	50	9,77333,28044	2,85629	9,90575,41031	1,55209	9,86757,87013	4,40838	10,13242,12987	10	
24	0	9,77336,13644	2,85600	9,90573,85807	1,55224	9,86762,27837	4,40824	10,13237,72163	o	36
	10	9,77338,99215	2,85571	9,90572,30566	1,55241	9,86766,68649	4,40812	10,13233,31351	50	
	20	9,77341,84757	2,85542	9,90570,75311	1,55255	9,86771,09447	4,40798	10,13228,90553	40	
	30	9,77344,70270	2,85513	9,90569,20039	1,55272	9,86775,50232	4,40785	10,13224,49768	30	
	40	9,77347,55755	2,85485	9,90567,64752	1,55287	9,86779,91003	4,40771	10,13220,08997	20	
	50	9,77350,41210	2,85455	9,90566,09448	1,55304	9,86784,31762	4,40759	10,13215,68238	10	
25	0	9,77353,26636	2,85426	9,90564,54129	1,55319	9,86788,72507	4,40745	10,13211,27493	o	35
	10	9,77356,12034	2,85398	9,90562,98795	1,55334	9,86793,13239	4,40732	10,13206,86761	50	
	20	9,77358,97402	2,85368	9,90561,43444	1,55351	9,86797,53958	4,40719	10,13202,46042	40	
	30	9,77361,82741	2,85339	9,90559,88078	1,55366	9,86801,94663	4,40705	10,13198,05337	30	
	40	9,77364,68052	2,85311	9,90558,32696	1,55382	9,86806,35356	4,40693	10,13193,64644	20	
	50	9,77367,53333	2,85281	9,90556,77298	1,55398	9,86810,76035	4,40679	10,13189,23965	10	
26	0	9,77370,38586	2,85253	9,90555,21885	1,55413	9,86815,16701	4,40666	10,13184,83299	o	34
	10	9,77373,23809	2,85223	9,90553,66455	1,55430	9,86819,57354	4,40653	10,13180,42646	50	
	20	9,77376,09004	2,85195	9,90552,11010	1,55445	9,86823,97994	4,40640	10,13176,02006	40	
	30	9,77378,94170	2,85166	9,90550,55550	1,55460	9,86828,38620	4,40626	10,13171,61380	30	
	40	9,77381,79307	2,85137	9,90549,00073	1,55477	9,86832,79234	4,40614	10,13167,20766	20	
	50	9,77384,64415	2,85108	9,90547,44581	1,55492	9,86837,19834	4,40600	10,13162,80166	10	
27	0	9,77387,49493	2,85078	9,90545,89072	1,55509	9,86841,60421	4,40587	10,13158,39579	o	33
	10	9,77390,34544	2,85051	9,90544,33548	1,55524	9,86846,00995	4,40574	10,13153,99005	50	
	20	9,77393,19565	2,85021	9,90542,78009	1,55539	9,86850,41556	4,40561	10,13149,58444	40	
	30	9,77396,04557	2,84992	9,90541,22453	1,55556	9,86854,82104	4,40548	10,13145,17896	30	
	40	9,77398,89520	2,84963	9,90539,66882	1,55571	9,86859,22638	4,40534	10,13140,77362	20	
	50	9,77401,74455	2,84935	9,90538,11295	1,55587	9,86863,63160	4,40522	10,13136,36840	10	
28	0	9,77404,59360	2,84905	9,90536,55692	1,55603	9,86868,03668	4,40508	10,13131,96332	o	32
	10	9,77407,44237	2,84877	9,90535,00073	1,55619	9,86872,44163	4,40495	10,13127,55837	50	
	20	9,77410,29084	2,84847	9,90533,44439	1,55634	9,86876,84645	4,40482	10,13123,15355	40	
	30	9,77413,13903	2,84819	9,90531,88789	1,55650	9,86881,25114	4,40469	10,13118,74886	30	
	40	9,77415,98693	2,84790	9,90530,33123	1,55666	9,86885,65570	4,40456	10,13114,34430	20	
	50	9,77418,83454	2,84761	9,90528,77441	1,55682	9,86890,06013	4,40443	10,13109,93987	10	
29	0	9,77421,68186	2,84732	9,90527,21744	1,55697	9,86894,46443	4,40430	10,13105,53557	o	31
	10	9,77424,52890	2,84704	9,90525,66030	1,55714	9,86898,86859	4,40416	10,13101,13141	50	
	20	9,77427,37564	2,84674	9,90524,10301	1,55729	9,86903,27263	4,40404	10,13096,72737	40	
	30	9,77430,22210	2,84646	9,90522,54556	1,55745	9,86907,67654	4,40391	10,13092,32346	30	
	40	9,77433,06826	2,84616	9,90520,98795	1,55761	9,86912,08031	4,40377	10,13087,91969	20	
	50	9,77435,91414	2,84588	9,90519,43019	1,55776	9,86916,48395	4,40364	10,13083,51605	10	
30	0	9,77438,75973	2,84559	9,90517,87227	1,55792	9,86920,88747	4,40352	10,13079,11253	o	30
			2,84530		1,55809		4,40338			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,77438,75973	2,84530	9,90517,87227	1,55809	9,86920,88747	4,40338	10,13079,11253	0	30
	10	9,77441,60503	2,84502	9,90516,31418	1,55823	9,86925,29085	4,40325	10,13074,70915	50	
	20	9,77444,45005	2,84472	9,90514,75595	1,55840	9,86929,69410	4,40312	10,13070,30590	40	
	30	9,77447,29477	2,84444	9,90513,19755	1,55856	9,86934,09722	4,40299	10,13065,90278	30	
	40	9,77450,13921	2,84415	9,90511,63899	1,55871	9,86938,50021	4,40287	10,13061,49979	20	
	50	9,77452,98336	2,84386	9,90510,08028	1,55887	9,86942,90308	4,40273	10,13057,09692	10	
31	0	9,77455,82722	2,84357	9,90508,52141	1,55903	9,86947,30581	4,40260	10,13052,69419	0	29
	10	9,77458,67079	2,84328	9,90506,96238	1,55919	9,86951,70841	4,40247	10,13048,29159	50	
	20	9,77461,51407	2,84299	9,90505,40319	1,55934	9,86956,11088	4,40234	10,13043,88912	40	
	30	9,77464,35706	2,84271	9,90503,84385	1,55951	9,86960,51322	4,40221	10,13039,48678	30	
	40	9,77467,19977	2,84242	9,90502,28434	1,55966	9,86964,91543	4,40208	10,13035,08457	20	
	50	9,77470,04219	2,84213	9,90500,72468	1,55982	9,86969,31751	4,40195	10,13030,68249	10	
32	0	9,77472,88432	2,84184	9,90499,16486	1,55998	9,86973,71946	4,40182	10,13026,28054	0	28
	10	9,77475,72616	2,84156	9,90497,60488	1,56013	9,86978,12128	4,40169	10,13021,87872	50	
	20	9,77478,56772	2,84126	9,90496,04475	1,56029	9,86982,52297	4,40156	10,13017,47703	40	
	30	9,77481,40898	2,84098	9,90494,48446	1,56046	9,86986,92453	4,40143	10,13013,07547	30	
	40	9,77484,24996	2,84069	9,90492,92400	1,56061	9,86991,32596	4,40130	10,13008,67404	20	
	50	9,77487,09065	2,84040	9,90491,36339	1,56077	9,86995,72726	4,40117	10,13004,27274	10	
33	0	9,77489,93105	2,84012	9,90489,80262	1,56092	9,87000,12843	4,40104	10,12999,87157	0	27
	10	9,77492,77117	2,83983	9,90488,24170	1,56109	9,87004,52947	4,40091	10,12995,47053	50	
	20	9,77495,61100	2,83953	9,90486,68061	1,56124	9,87008,93038	4,40078	10,12991,06962	40	
	30	9,77498,45053	2,83926	9,90485,11937	1,56140	9,87013,33116	4,40066	10,12986,66884	30	
	40	9,77501,28979	2,83896	9,90483,55797	1,56156	9,87017,73182	4,40052	10,12982,26818	20	
	50	9,77504,12875	2,83868	9,90481,99641	1,56172	9,87022,13234	4,40039	10,12977,86766	10	
34	0	9,77506,96743	2,83838	9,90480,43469	1,56187	9,87026,53273	4,40027	10,12973,46727	0	26
	10	9,77509,80581	2,83811	9,90478,87282	1,56204	9,87030,93300	4,40013	10,12969,06700	50	
	20	9,77512,64392	2,83781	9,90477,31078	1,56219	9,87035,33313	4,40001	10,12964,66687	40	
	30	9,77515,48173	2,83753	9,90475,74859	1,56235	9,87039,73314	4,39988	10,12960,26686	30	
	40	9,77518,31926	2,83723	9,90474,18624	1,56251	9,87044,13302	4,39974	10,12955,86698	20	
	50	9,77521,15649	2,83695	9,90472,62373	1,56267	9,87048,53276	4,39962	10,12951,46724	10	
35	0	9,77523,99344	2,83667	9,90471,06106	1,56282	9,87052,93238	4,39949	10,12947,06762	0	25
	10	9,77526,83011	2,83637	9,90469,49824	1,56299	9,87057,33187	4,39936	10,12942,66813	50	
	20	9,77529,66648	2,83609	9,90467,93525	1,56314	9,87061,73123	4,39923	10,12938,26877	40	
	30	9,77532,50257	2,83581	9,90466,37211	1,56330	9,87066,13046	4,39910	10,12933,86954	30	
	40	9,77535,33838	2,83551	9,90464,80881	1,56346	9,87070,52956	4,39898	10,12929,47044	20	
	50	9,77538,17389	2,83523	9,90463,24535	1,56362	9,87074,92854	4,39884	10,12925,07146	10	
36	0	9,77541,00912	2,83494	9,90461,68173	1,56377	9,87079,32738	4,39872	10,12920,67262	0	24
	10	9,77543,84406	2,83465	9,90460,11796	1,56393	9,87083,72610	4,39859	10,12916,27390	50	
	20	9,77546,67871	2,83437	9,90458,55403	1,56410	9,87088,12469	4,39845	10,12911,87531	40	
	30	9,77549,51308	2,83408	9,90456,98993	1,56425	9,87092,52314	4,39833	10,12907,47686	30	
	40	9,77552,34716	2,83379	9,90455,42568	1,56441	9,87096,92147	4,39821	10,12903,07853	20	
	50	9,77555,18095	2,83350	9,90453,86127	1,56457	9,87101,31968	4,39807	10,12898,68032	10	
37	0	9,77558,01445	2,83322	9,90452,29670	1,56472	9,87105,71775	4,39794	10,12894,28225	0	23
	10	9,77560,84767	2,83293	9,90450,73198	1,56489	9,87110,11569	4,39782	10,12889,88431	50	
	20	9,77563,68060	2,83265	9,90449,16709	1,56504	9,87114,51351	4,39769	10,12885,48649	40	
	30	9,77566,51325	2,83235	9,90447,60205	1,56520	9,87118,91120	4,39756	10,12881,08880	30	
	40	9,77569,34560	2,83208	9,90446,03685	1,56536	9,87123,30876	4,39743	10,12876,69124	20	
	50	9,77572,17768	2,83178	9,90444,47149	1,56552	9,87127,70619	4,39730	10,12872,29381	10	
38	0	9,77575,00946	2,83150	9,90442,90597	1,56568	9,87132,10349	4,39717	10,12867,89651	0	22
	10	9,77577,84096	2,83121	9,90441,34029	1,56583	9,87136,50066	4,39705	10,12863,49934	50	
	20	9,77580,67217	2,83092	9,90439,77446	1,56600	9,87140,89771	4,39692	10,12859,10229	40	
	30	9,77583,50309	2,83064	9,90438,20846	1,56615	9,87145,29463	4,39679	10,12854,70537	30	
	40	9,77586,33373	2,83035	9,90436,64231	1,56631	9,87149,69142	4,39666	10,12850,30858	20	
	50	9,77589,16408	2,83006	9,90435,07600	1,56647	9,87154,08808	4,39653	10,12845,91192	10	
39	0	9,77591,99414	2,82978	9,90433,50953	1,56663	9,87158,48461	4,39641	10,12841,51539	0	21
	10	9,77594,82392	2,82949	9,90431,94290	1,56679	9,87162,88102	4,39628	10,12837,11898	50	
	20	9,77597,65341	2,82921	9,90430,37611	1,56694	9,87167,27730	4,39615	10,12832,72270	40	
	30	9,77600,48262	2,82892	9,90428,80917	1,56711	9,87171,67345	4,39602	10,12828,32655	30	
	40	9,77603,31154	2,82863	9,90427,24206	1,56726	9,87176,06947	4,39590	10,12823,93053	20	
	50	9,77606,14017	2,82835	9,90425,67480	1,56742	9,87180,46537	4,39577	10,12819,53463	10	
40	0	9,77608,96852	2,82806	9,90424,10738	1,56758	9,87184,86114	4,39564	10,12815,13886	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,77608,96852		9,90424,10738		9,87184,86114		10,12815,13886	0	20
	10	9,77611,79658	2,82806	9,90422,53980	1,56758	9,87189,25678	4,39564	10,12810,74322	50	
	20	9,77614,62435	2,82777	9,90420,97206	1,56774	9,87193,65229	4,39551	10,12806,34771	40	
	30	9,77617,45184	2,82749	9,90419,40416	1,56790	9,87198,04767	4,39538	10,12801,95233	30	
	40	9,77620,27904	2,82720	9,90417,83611	1,56805	9,87202,44293	4,39526	10,12797,55707	20	
	50	9,77623,10595	2,82691	9,90416,26789	1,56822	9,87206,83806	4,39513	10,12793,16194	10	
41	0	9,77625,93258	2,82663	9,90414,69952	1,56837	9,87211,23306	4,39500	10,12788,76694	0	19
	10	9,77628,75893	2,82635	9,90413,13099	1,56853	9,87215,62794	4,39488	10,12784,37206	50	
	20	9,77631,58498	2,82605	9,90411,56230	1,56869	9,87220,02269	4,39475	10,12779,97731	40	
	30	9,77634,41075	2,82577	9,90409,99345	1,56885	9,87224,41731	4,39462	10,12775,58269	30	
	40	9,77637,23624	2,82549	9,90408,42444	1,56901	9,87228,81180	4,39449	10,12771,18820	20	
	50	9,77640,06144	2,82520	9,90406,85527	1,56917	9,87233,20617	4,39437	10,12766,79383	10	
42	0	9,77642,88635	2,82491	9,90405,28594	1,56933	9,87237,60041	4,39424	10,12762,39959	0	18
	10	9,77645,71098	2,82463	9,90403,71646	1,56948	9,87241,99452	4,39411	10,12758,00548	50	
	20	9,77648,53532	2,82434	9,90402,14681	1,56965	9,87246,38851	4,39399	10,12753,61149	40	
	30	9,77651,35938	2,82406	9,90400,57701	1,56980	9,87250,78236	4,39385	10,12749,21764	30	
	40	9,77654,18315	2,82377	9,90399,00705	1,56996	9,87255,17610	4,39374	10,12744,82390	20	
	50	9,77657,00663	2,82348	9,90397,43693	1,57012	9,87259,56970	4,39360	10,12740,43030	10	
43	0	9,77659,82983	2,82320	9,90395,86665	1,57028	9,87263,96318	4,39348	10,12736,03682	0	17
	10	9,77662,65274	2,82291	9,90394,29621	1,57044	9,87268,35653	4,39335	10,12731,64347	50	
	20	9,77665,47537	2,82263	9,90392,72562	1,57059	9,87272,74976	4,39323	10,12727,25024	40	
	30	9,77668,29772	2,82235	9,90391,15486	1,57076	9,87277,14285	4,39309	10,12722,85715	30	
	40	9,77671,11977	2,82205	9,90389,58395	1,57091	9,87281,53583	4,39298	10,12718,46417	20	
	50	9,77673,94154	2,82177	9,90388,01287	1,57108	9,87285,92867	4,39284	10,12714,07133	10	
44	0	9,77676,76303	2,82149	9,90386,44164	1,57123	9,87290,32139	4,39272	10,12709,67861	0	16
	10	9,77679,58423	2,82120	9,90384,87025	1,57139	9,87294,71398	4,39259	10,12705,28602	50	
	20	9,77682,40515	2,82092	9,90383,29870	1,57155	9,87299,10645	4,39247	10,12700,89355	40	
	30	9,77685,22578	2,82063	9,90381,72699	1,57171	9,87303,49879	4,39234	10,12696,50121	30	
	40	9,77688,04612	2,82034	9,90380,15512	1,57187	9,87307,89100	4,39221	10,12692,10900	20	
	50	9,77690,86618	2,82006	9,90378,58309	1,57203	9,87312,28309	4,39209	10,12687,71691	10	
45	0	9,77693,68596	2,81978	9,90377,01091	1,57218	9,87316,67505	4,39196	10,12683,32495	0	15
	10	9,77696,50545	2,81949	9,90375,43856	1,57235	9,87321,06688	4,39183	10,12678,93312	50	
	20	9,77699,32465	2,81920	9,90373,86606	1,57250	9,87325,45859	4,39171	10,12674,54141	40	
	30	9,77702,14357	2,81892	9,90372,29340	1,57266	9,87329,85017	4,39158	10,12670,14983	30	
	40	9,77704,96220	2,81863	9,90370,72057	1,57283	9,87334,24163	4,39146	10,12665,75837	20	
	50	9,77707,78055	2,81835	9,90369,14759	1,57298	9,87338,63296	4,39133	10,12661,36704	10	
46	0	9,77710,59862	2,81807	9,90367,57445	1,57314	9,87343,02416	4,39120	10,12656,97584	0	14
	10	9,77713,41640	2,81778	9,90366,00115	1,57330	9,87347,41524	4,39108	10,12652,58476	50	
	20	9,77716,23389	2,81749	9,90364,42769	1,57346	9,87351,80620	4,39096	10,12648,19380	40	
	30	9,77719,05110	2,81721	9,90362,85408	1,57361	9,87356,19702	4,39082	10,12643,80298	30	
	40	9,77721,86802	2,81692	9,90361,28030	1,57378	9,87360,58772	4,39070	10,12639,41228	20	
	50	9,77724,68466	2,81664	9,90359,70636	1,57394	9,87364,97830	4,39058	10,12635,02170	10	
47	0	9,77727,50102	2,81636	9,90358,13227	1,57409	9,87369,36875	4,39045	10,12630,63125	0	13
	10	9,77730,31709	2,81607	9,90356,55801	1,57426	9,87373,75908	4,39033	10,12626,24092	50	
	20	9,77733,13288	2,81579	9,90354,98360	1,57441	9,87378,14927	4,39019	10,12621,85073	40	
	30	9,77735,94838	2,81550	9,90353,40903	1,57457	9,87382,53935	4,39008	10,12617,46065	30	
	40	9,77738,76359	2,81521	9,90351,83430	1,57473	9,87386,92930	4,38995	10,12613,07070	20	
	50	9,77741,57853	2,81494	9,90350,25941	1,57489	9,87391,31912	4,38982	10,12608,68088	10	
48	0	9,77744,39317	2,81464	9,90348,68436	1,57505	9,87395,70882	4,38970	10,12604,29118	0	12
	10	9,77747,20754	2,81437	9,90347,10915	1,57521	9,87400,09839	4,38957	10,12599,90161	50	
	20	9,77750,02162	2,81408	9,90345,53378	1,57537	9,87404,48784	4,38945	10,12595,51216	40	
	30	9,77752,83541	2,81379	9,90343,95825	1,57553	9,87408,87716	4,38932	10,12591,12284	30	
	40	9,77755,64892	2,81351	9,90342,38257	1,57568	9,87413,26636	4,38920	10,12586,73364	20	
	50	9,77758,46215	2,81323	9,90340,80672	1,57585	9,87417,65543	4,38907	10,12582,34457	10	
49	0	9,77761,27509	2,81294	9,90339,23071	1,57601	9,87422,04437	4,38894	10,12577,95563	0	11
	10	9,77764,08774	2,81265	9,90337,65455	1,57616	9,87426,43320	4,38883	10,12573,56680	50	
	20	9,77766,90012	2,81238	9,90336,07823	1,57632	9,87430,82189	4,38869	10,12569,17811	40	
	30	9,77769,71221	2,81209	9,90334,50174	1,57649	9,87435,21046	4,38857	10,12564,78954	30	
	40	9,77772,52401	2,81180	9,90332,92510	1,57664	9,87439,59891	4,38845	10,12560,40109	20	
	50	9,77775,33553	2,81152	9,90331,34830	1,57680	9,87443,98723	4,38832	10,12556,01277	10	
50	0	9,77778,14677	2,81124	9,90329,77134	1,57696	9,87448,37543	4,38820	10,12551,62457	0	10
		Sin. Comple.	2,81095	SINVVM	1,57712	Tang. compl.	4,38807	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,77778,14677	2,81095	9,90329,77134	1,57712	9,87448,37543	4,38807	10,12551,62457	0	10
	10	9,77780,95772	2,81067	9,90328,19422	1,57728	9,87452,76350	4,38795	10,12547,23650	50	
	20	9,77783,76839	2,81038	9,90326,61694	1,57744	9,87457,15145	4,38783	10,12542,84855	40	
	30	9,77786,57877	2,81010	9,90325,03950	1,57760	9,87461,53928	4,38769	10,12538,46072	30	
	40	9,77789,38887	2,80982	9,90323,46190	1,57776	9,87465,92697	4,38758	10,12534,07303	20	
	50	9,77792,19869	2,80953	9,90321,88414	1,57792	9,87470,31455	4,38745	10,12529,68545	10	
51	0	9,77795,00822	2,80925	9,90320,30622	1,57807	9,87474,70200	4,38732	10,12525,29800	0	9
	10	9,77797,81747	2,80897	9,90318,72815	1,57824	9,87479,08932	4,38721	10,12520,91068	50	
	20	9,77800,62644	2,80868	9,90317,14991	1,57840	9,87483,47653	4,38707	10,12516,52347	40	
	30	9,77803,43512	2,80840	9,90315,57151	1,57855	9,87487,86360	4,38696	10,12512,13640	30	
	40	9,77806,24352	2,80811	9,90313,99296	1,57871	9,87492,25056	4,38682	10,12507,74944	20	
	50	9,77809,05163	2,80783	9,90312,41425	1,57888	9,87496,63738	4,38671	10,12503,36262	10	
52	0	9,77811,85946	2,80755	9,90310,83537	1,57903	9,87501,02409	4,38658	10,12498,97591	0	8
	10	9,77814,66701	2,80726	9,90309,25634	1,57920	9,87505,41067	4,38646	10,12494,58933	50	
	20	9,77817,47427	2,80698	9,90307,67714	1,57935	9,87509,79713	4,38633	10,12490,20287	40	
	30	9,77820,28125	2,80670	9,90306,09779	1,57951	9,87514,18346	4,38621	10,12485,81654	30	
	40	9,77823,08795	2,80641	9,90304,51828	1,57967	9,87518,56967	4,38608	10,12481,43033	20	
	50	9,77825,89436	2,80613	9,90302,93861	1,57983	9,87522,95575	4,38596	10,12477,04425	10	
53	0	9,77828,70049	2,80584	9,90301,35878	1,57999	9,87527,34171	4,38584	10,12472,65829	0	7
	10	9,77831,50633	2,80557	9,90299,77879	1,58015	9,87531,72755	4,38571	10,12468,27245	50	
	20	9,77834,31190	2,80528	9,90298,19864	1,58031	9,87536,11326	4,38559	10,12463,88674	40	
	30	9,77837,11718	2,80499	9,90296,61833	1,58047	9,87540,49885	4,38547	10,12459,50115	30	
	40	9,77839,92217	2,80472	9,90295,03786	1,58063	9,87544,88432	4,38534	10,12455,11568	20	
	50	9,77842,72689	2,80443	9,90293,45723	1,58079	9,87549,26966	4,38522	10,12450,73034	10	
54	0	9,77845,53132	2,80414	9,90291,87644	1,58095	9,87553,65488	4,38509	10,12446,34512	0	6
	10	9,77848,33546	2,80387	9,90290,29549	1,58111	9,87558,03997	4,38497	10,12441,96003	50	
	20	9,77851,13933	2,80358	9,90288,71438	1,58126	9,87562,42494	4,38485	10,12437,57506	40	
	30	9,77853,94291	2,80329	9,90287,13312	1,58143	9,87566,80979	4,38472	10,12433,19021	30	
	40	9,77856,74620	2,80302	9,90285,55169	1,58159	9,87571,19451	4,38461	10,12428,80549	20	
	50	9,77859,54922	2,80273	9,90283,97010	1,58174	9,87575,57912	4,38447	10,12424,42088	10	
55	0	9,77862,35195	2,80245	9,90282,38836	1,58191	9,87579,96359	4,38436	10,12420,03641	0	5
	10	9,77865,15440	2,80216	9,90280,80645	1,58207	9,87584,34795	4,38423	10,12415,65205	50	
	20	9,77867,95656	2,80188	9,90279,22438	1,58222	9,87588,73218	4,38411	10,12411,26782	40	
	30	9,77870,75844	2,80160	9,90277,64216	1,58239	9,87593,11629	4,38398	10,12406,88371	30	
	40	9,77873,56004	2,80132	9,90276,05977	1,58254	9,87597,50027	4,38386	10,12402,49973	20	
	50	9,77876,36136	2,80104	9,90274,47723	1,58271	9,87601,88413	4,38374	10,12398,11587	10	
56	0	9,77879,16240	2,80075	9,90272,89452	1,58286	9,87606,26787	4,38362	10,12393,73213	0	4
	10	9,77881,96315	2,80047	9,90271,31166	1,58303	9,87610,65149	4,38349	10,12389,34851	50	
	20	9,77884,76362	2,80018	9,90269,72863	1,58318	9,87615,03498	4,38337	10,12384,96502	40	
	30	9,77887,56380	2,79991	9,90268,14545	1,58335	9,87619,41835	4,38325	10,12380,58165	30	
	40	9,77890,36371	2,79962	9,90266,56210	1,58350	9,87623,80160	4,38313	10,12376,19840	20	
	50	9,77893,16333	2,79934	9,90264,97860	1,58366	9,87628,18473	4,38300	10,12371,81527	10	
57	0	9,77895,96267	2,79905	9,90263,39494	1,58383	9,87632,56773	4,38288	10,12367,43227	0	3
	10	9,77898,76172	2,79877	9,90261,81111	1,58398	9,87636,95061	4,38275	10,12363,04939	50	
	20	9,77901,56049	2,79850	9,90260,22713	1,58414	9,87641,33336	4,38264	10,12358,66664	40	
	30	9,77904,35899	2,79820	9,90258,64299	1,58431	9,87645,71600	4,38251	10,12354,28400	30	
	40	9,77907,15719	2,79793	9,90257,05868	1,58446	9,87650,09851	4,38239	10,12349,90149	20	
	50	9,77909,95512	2,79765	9,90255,47422	1,58462	9,87654,48090	4,38227	10,12345,51910	10	
58	0	9,77912,75277	2,79736	9,90253,88960	1,58478	9,87658,86317	4,38214	10,12341,13683	0	2
	10	9,77915,55013	2,79708	9,90252,30482	1,58495	9,87663,24531	4,38202	10,12336,75469	50	
	20	9,77918,34721	2,79679	9,90250,71987	1,58510	9,87667,62733	4,38190	10,12332,37267	40	
	30	9,77921,14400	2,79652	9,90249,13477	1,58526	9,87672,00923	4,38178	10,12327,99077	30	
	40	9,77923,94052	2,79623	9,90247,54951	1,58542	9,87676,39101	4,38166	10,12323,60899	20	
	50	9,77926,73675	2,79595	9,90245,96409	1,58559	9,87680,77267	4,38153	10,12319,22733	10	
59	0	9,77929,53270	2,79567	9,90244,37850	1,58574	9,87685,15420	4,38141	10,12314,84580	0	1
	10	9,77932,32837	2,79539	9,90242,79276	1,58590	9,87689,53561	4,38129	10,12310,46439	50	
	20	9,77935,12376	2,79510	9,90241,20686	1,58606	9,87693,91690	4,38117	10,12306,08310	40	
	30	9,77937,91886	2,79483	9,90239,62080	1,58623	9,87698,29807	4,38104	10,12301,70193	30	
	40	9,77940,71369	2,79454	9,90238,03457	1,58638	9,87702,67911	4,38093	10,12297,32089	20	
	50	9,77943,50823	2,79426	9,90236,44819	1,58654	9,87707,06004	4,38080	10,12292,93996	10	
60	0	9,77946,30249	2,79397	9,90234,86165	1,58670	9,87711,44084	4,38068	10,12288,55916	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,77946,30249		9,90234,86165		9,87711,44084		10,12288,55916	o	60
	10	9,77949,09646	2,79397	9,90233,27495	1,58670	9,87715,82152	4,38068	10,12284,17848	50	
	20	9,77951,89016	2,79370	9,90231,68808	1,58687	9,87720,20207	4,38055	10,12279,79793	40	
	30	9,77954,68357	2,79341	9,90230,10106	1,58702	9,87724,58251	4,38044	10,12275,41749	30	
	40	9,77957,47670	2,79313	9,90228,51388	1,58718	9,87728,96283	4,38032	10,12271,03717	20	
	50	9,77960,26955	2,79285	9,90226,92654	1,58734	9,87733,34302	4,38019	10,12266,65698	10	
1	0	9,77963,06212	2,79257	9,90225,33903	1,58751	9,87737,72309	4,38007	10,12262,27691	o	59
			2,79229		1,58766		4,37995			
	10	9,77965,85441	2,79201	9,90223,75137	1,58782	9,87742,10304	4,37983	10,12257,89696	50	
	20	9,77968,64642	2,79172	9,90222,16355	1,58799	9,87746,48287	4,37971	10,12253,51713	40	
	30	9,77971,43814	2,79144	9,90220,57556	1,58814	9,87750,86258	4,37958	10,12249,13742	30	
	40	9,77974,22958	2,79116	9,90218,98742	1,58830	9,87755,24216	4,37947	10,12244,75784	20	
	50	9,77977,02074	2,79088	9,90217,39912	1,58847	9,87759,62163	4,37934	10,12240,37837	10	
2	0	9,77979,81162	2,79060	9,90215,81065	1,58862	9,87764,00097	4,37922	10,12235,99903	o	58
	10	9,77982,60222	2,79032	9,90214,22203	1,58878	9,87768,38019	4,37910	10,12231,61981	50	
	20	9,77985,39254	2,79003	9,90212,63325	1,58895	9,87772,75929	4,37898	10,12227,24071	40	
	30	9,77988,18257	2,78976	9,90211,04430	1,58910	9,87777,13827	4,37886	10,12222,86173	30	
	40	9,77990,97233	2,78947	9,90209,45520	1,58927	9,87781,51713	4,37874	10,12218,48287	20	
	50	9,77993,76180	2,78919	9,90207,86593	1,58942	9,87785,89587	4,37861	10,12214,10413	10	
3	0	9,77996,55099	2,78891	9,90206,27651	1,58959	9,87790,27448	4,37850	10,12209,72552	o	57
	10	9,77999,33990	2,78863	9,90204,68692	1,58974	9,87794,65298	4,37837	10,12205,34702	50	
	20	9,78002,12853	2,78835	9,90203,09718	1,58991	9,87799,03135	4,37826	10,12200,96865	40	
	30	9,78004,91688	2,78806	9,90201,50727	1,59006	9,87803,40961	4,37813	10,12196,59039	30	
	40	9,78007,70494	2,78779	9,90199,91721	1,59023	9,87807,78774	4,37801	10,12192,21226	20	
	50	9,78010,49273	2,78751	9,90198,32698	1,59039	9,87812,16575	4,37789	10,12187,83425	10	
4	0	9,78013,28024	2,78722	9,90196,73659	1,59054	9,87816,54364	4,37777	10,12183,45636	o	56
	10	9,78016,06746	2,78694	9,90195,14605	1,59071	9,87820,92141	4,37765	10,12179,07859	50	
	20	9,78018,85440	2,78666	9,90193,55534	1,59087	9,87825,29906	4,37753	10,12174,70094	40	
	30	9,78021,64106	2,78639	9,90191,96447	1,59103	9,87829,67659	4,37741	10,12170,32341	30	
	40	9,78024,42745	2,78610	9,90190,37344	1,59119	9,87834,05400	4,37729	10,12165,94600	20	
	50	9,78027,21355	2,78581	9,90188,78225	1,59135	9,87838,43129	4,37717	10,12161,56871	10	
5	0	9,78029,99936	2,78554	9,90187,19090	1,59150	9,87842,80846	4,37705	10,12157,19154	o	55
	10	9,78032,78490	2,78526	9,90185,59940	1,59167	9,87847,18551	4,37693	10,12152,81449	50	
	20	9,78035,57016	2,78498	9,90184,00773	1,59183	9,87851,56244	4,37680	10,12148,43756	40	
	30	9,78038,35514	2,78470	9,90182,41590	1,59199	9,87855,93924	4,37669	10,12144,06076	30	
	40	9,78041,13984	2,78441	9,90180,82391	1,59216	9,87860,31593	4,37657	10,12139,68407	20	
	50	9,78043,92425	2,78414	9,90179,23175	1,59231	9,87864,69250	4,37644	10,12135,30750	10	
6	0	9,78046,70839	2,78385	9,90177,63944	1,59247	9,87869,06894	4,37633	10,12130,93106	o	54
	10	9,78049,49224	2,78358	9,90176,04697	1,59263	9,87873,44527	4,37621	10,12126,55473	50	
	20	9,78052,27582	2,78329	9,90174,45434	1,59279	9,87877,82148	4,37608	10,12122,17852	40	
	30	9,78055,05911	2,78301	9,90172,86155	1,59296	9,87882,19756	4,37597	10,12117,80244	30	
	40	9,78057,84212	2,78274	9,90171,26859	1,59311	9,87886,57353	4,37585	10,12113,42647	20	
	50	9,78060,62486	2,78245	9,90169,67548	1,59327	9,87890,94938	4,37573	10,12109,05062	10	
7	0	9,78063,40731	2,78217	9,90168,08221	1,59344	9,87895,32511	4,37560	10,12104,67489	o	53
	10	9,78066,18948	2,78190	9,90166,48877	1,59359	9,87899,70071	4,37549	10,12100,29929	50	
	20	9,78068,97138	2,78161	9,90164,89518	1,59376	9,87904,07620	4,37537	10,12095,92380	40	
	30	9,78071,75299	2,78133	9,90163,30142	1,59392	9,87908,45157	4,37525	10,12091,54843	30	
	40	9,78074,53432	2,78105	9,90161,70750	1,59407	9,87912,82682	4,37512	10,12087,17318	20	
	50	9,78077,31537	2,78077	9,90160,11343	1,59424	9,87917,20194	4,37501	10,12082,79806	10	
8	0	9,78080,09614	2,78049	9,90158,51919	1,59440	9,87921,57695	4,37489	10,12078,42305	o	52
	10	9,78082,87663	2,78021	9,90156,92479	1,59456	9,87925,95184	4,37477	10,12074,04816	50	
	20	9,78085,65684	2,77994	9,90155,33023	1,59472	9,87930,32661	4,37465	10,12069,67339	40	
	30	9,78088,43678	2,77965	9,90153,73551	1,59488	9,87934,70126	4,37454	10,12065,29874	30	
	40	9,78091,21643	2,77937	9,90152,14063	1,59504	9,87939,07580	4,37441	10,12060,92420	20	
	50	9,78093,99580	2,77909	9,90150,54559	1,59520	9,87943,45021	4,37429	10,12056,54979	10	
9	0	9,78096,77489	2,77881	9,90148,95039	1,59536	9,87947,82450	4,37417	10,12052,17550	o	51
	10	9,78099,55370	2,77853	9,90147,35503	1,59553	9,87952,19867	4,37406	10,12047,80133	50	
	20	9,78102,33223	2,77825	9,90145,75950	1,59568	9,87956,57273	4,37393	10,12043,42727	40	
	30	9,78105,11048	2,77798	9,90144,16382	1,59584	9,87960,94666	4,37382	10,12039,05334	30	
	40	9,78107,88846	2,77769	9,90142,56798	1,59601	9,87965,32048	4,37370	10,12034,67952	20	
	50	9,78110,66615	2,77741	9,90140,97197	1,59617	9,87969,69418	4,37357	10,12030,30582	10	
10	0	9,78113,44356	2,77713	9,90139,37580	1,59632	9,87974,06775	4,37346	10,12025,93225	o	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,78113,44356		9,90139,37580		9,87974,06775		10,12025,93225	0	50
	10	9,78116,22069	2,77713	9,90137,77948	1,59632	9,87978,44121	4,37346	10,12021,55879	50	
	20	9,78118,99755	2,77686	9,90136,18299	1,59649	9,87982,81455	4,37334	10,12017,18545	40	
	30	9,78121,77412	2,77657	9,90134,58634	1,59665	9,87987,18778	4,37323	10,12012,81222	30	
	40	9,78124,55041	2,77629	9,90132,98953	1,59681	9,87991,56088	4,37310	10,12008,43912	20	
	50	9,78127,32643	2,77602	9,90131,39256	1,59697	9,87995,93386	4,37298	10,12004,06614	10	
11	0	9,78130,10216	2,77573	9,90129,79543	1,59713	9,88000,30673	4,37287	10,11999,69327	0	49
	10	9,78132,87762	2,77546	9,90128,19814	1,59729	9,88004,67947	4,37274	10,11995,32053	50	
	20	9,78135,65279	2,77517	9,90126,60069	1,59745	9,88009,05210	4,37263	10,11990,94790	40	
	30	9,78138,42769	2,77490	9,90125,00308	1,59761	9,88013,42461	4,37251	10,11986,57539	30	
	40	9,78141,20231	2,77462	9,90123,40530	1,59778	9,88017,79700	4,37239	10,11982,20300	20	
	50	9,78143,97664	2,77433	9,90121,80737	1,59793	9,88022,16928	4,37228	10,11977,83072	10	
12	0	9,78146,75070	2,77406	9,90120,20927	1,59810	9,88026,54143	4,37215	10,11973,45857	0	48
	10	9,78149,52448	2,77378	9,90118,61102	1,59825	9,88030,91346	4,37203	10,11969,08654	50	
	20	9,78152,29798	2,77350	9,90117,01260	1,59842	9,88035,28538	4,37192	10,11964,71462	40	
	30	9,78155,07120	2,77322	9,90115,41402	1,59858	9,88039,65718	4,37180	10,11960,34282	30	
	40	9,78157,84415	2,77295	9,90113,81528	1,59874	9,88044,02886	4,37168	10,11955,97114	20	
	50	9,78160,61681	2,77266	9,90112,21638	1,59890	9,88048,40042	4,37156	10,11951,59958	10	
13	0	9,78163,38919	2,77238	9,90110,61732	1,59906	9,88052,77187	4,37145	10,11947,22813	0	47
	10	9,78166,16130	2,77211	9,90109,01810	1,59922	9,88057,14320	4,37133	10,11942,85680	50	
	20	9,78168,93312	2,77182	9,90107,41872	1,59938	9,88061,51440	4,37120	10,11938,48560	40	
	30	9,78171,70467	2,77155	9,90105,81917	1,59955	9,88065,88550	4,37110	10,11934,11450	30	
	40	9,78174,47594	2,77127	9,90104,21947	1,59970	9,88070,25647	4,37097	10,11929,74353	20	
	50	9,78177,24692	2,77098	9,90102,61960	1,59987	9,88074,62732	4,37085	10,11925,37268	10	
14	0	9,78180,01763	2,77071	9,90101,01958	1,60002	9,88078,99806	4,37074	10,11921,00194	0	46
	10	9,78182,78807	2,77044	9,90099,41939	1,60019	9,88083,36868	4,37062	10,11916,63132	50	
	20	9,78185,55822	2,77015	9,90097,81904	1,60035	9,88087,73918	4,37050	10,11912,26082	40	
	30	9,78188,32809	2,76987	9,90096,21853	1,60051	9,88092,10956	4,37038	10,11907,89044	30	
	40	9,78191,09769	2,76960	9,90094,61786	1,60067	9,88096,47983	4,37027	10,11903,52017	20	
	50	9,78193,86700	2,76931	9,90093,01702	1,60084	9,88100,84998	4,37015	10,11899,15002	10	
15	0	9,78196,63604	2,76904	9,90091,41603	1,60099	9,88105,22001	4,37003	10,11894,77999	0	45
	10	9,78199,40480	2,76876	9,90089,81488	1,60115	9,88109,58992	4,36991	10,11890,41008	50	
	20	9,78202,17328	2,76848	9,90088,21356	1,60132	9,88113,95972	4,36980	10,11886,04028	40	
	30	9,78204,94148	2,76820	9,90086,61208	1,60148	9,88118,32940	4,36968	10,11881,67060	30	
	40	9,78207,70940	2,76792	9,90085,01045	1,60163	9,88122,69896	4,36956	10,11877,30104	20	
	50	9,78210,47705	2,76765	9,90083,40865	1,60180	9,88127,06840	4,36944	10,11872,93160	10	
16	0	9,78213,24441	2,76736	9,90081,80669	1,60196	9,88131,43773	4,36933	10,11868,56227	0	44
	10	9,78216,01150	2,76709	9,90080,20457	1,60212	9,88135,80694	4,36921	10,11864,19306	50	
	20	9,78218,77831	2,76681	9,90078,60228	1,60229	9,88140,17603	4,36909	10,11859,82397	40	
	30	9,78221,54484	2,76653	9,90076,99984	1,60244	9,88144,54500	4,36897	10,11855,45500	30	
	40	9,78224,31110	2,76626	9,90075,39723	1,60261	9,88148,91386	4,36886	10,11851,08614	20	
	50	9,78227,07707	2,76597	9,90073,79447	1,60276	9,88153,28260	4,36874	10,11846,71740	10	
17	0	9,78229,84277	2,76570	9,90072,19154	1,60293	9,88157,65123	4,36863	10,11842,34877	0	43
	10	9,78232,60819	2,76542	9,90070,58845	1,60309	9,88162,01973	4,36850	10,11837,98027	50	
	20	9,78235,37333	2,76514	9,90068,98520	1,60325	9,88166,38812	4,36839	10,11833,61188	40	
	30	9,78238,13819	2,76486	9,90067,38179	1,60341	9,88170,75640	4,36828	10,11829,24360	30	
	40	9,78240,90277	2,76458	9,90065,77822	1,60357	9,88175,12455	4,36815	10,11824,87545	20	
	50	9,78243,66708	2,76431	9,90064,17449	1,60373	9,88179,49259	4,36804	10,11820,50741	10	
18	0	9,78246,43110	2,76402	9,90062,57059	1,60390	9,88183,86051	4,36792	10,11816,13949	0	42
	10	9,78249,19485	2,76375	9,90060,96653	1,60406	9,88188,22832	4,36781	10,11811,77168	50	
	20	9,78251,95833	2,76348	9,90059,36232	1,60421	9,88192,59601	4,36769	10,11807,40399	40	
	30	9,78254,72152	2,76319	9,90057,75794	1,60438	9,88196,96358	4,36757	10,11803,03642	30	
	40	9,78257,48444	2,76292	9,90056,15340	1,60454	9,88201,33104	4,36746	10,11798,66896	20	
	50	9,78260,24708	2,76264	9,90054,54870	1,60470	9,88205,69838	4,36734	10,11794,30162	10	
19	0	9,78263,00944	2,76236	9,90052,94383	1,60487	9,88210,06560	4,36722	10,11789,93440	0	41
	10	9,78265,77152	2,76208	9,90051,33881	1,60502	9,88214,43271	4,36711	10,11785,56729	50	
	20	9,78268,53332	2,76180	9,90049,73362	1,60519	9,88218,79970	4,36699	10,11781,20030	40	
	30	9,78271,29485	2,76153	9,90048,12827	1,60535	9,88223,16658	4,36688	10,11776,83342	30	
	40	9,78274,05610	2,76125	9,90046,52277	1,60550	9,88227,53333	4,36675	10,11772,46667	20	
	50	9,78276,81707	2,76097	9,90044,91710	1,60567	9,88231,89998	4,36665	10,11768,10002	10	
20	0	9,78279,57777	2,76070	9,90043,31126	1,60584	9,88236,26650	4,36652	10,11763,73350	0	40
			2,76041		1,60599		4,36641			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,78279,57777		9,90043,31126		9,88236,26650		10,11763,73350	o	40
			2,76041		1,60599		4,36641			
	10	9,78282,33818	2,76014	9,90041,70527	1,60615	9,88240,63291	4,36630	10,11759,36709	50	
	20	9,78285,09832	2,75987	9,90040,09912	1,60632	9,88244,99921	4,36618	10,11755,00079	40	
	30	9,78287,85819	2,75958	9,90038,49280	1,60648	9,88249,36539	4,36606	10,11750,63461	30	
	40	9,78290,61777	2,75931	9,90036,88632	1,60664	9,88253,73145	4,36594	10,11746,26855	20	
	50	9,78293,37708	2,75903	9,90035,27968	1,60680	9,88258,09739	4,36583	10,11741,90261	10	
21	0	9,78296,13611	2,75875	9,90033,67288	1,60696	9,88262,46322	4,36572	10,11737,53678	o	39
	10	9,78298,89486	2,75847	9,90032,06592	1,60712	9,88266,82894	4,36560	10,11733,17106	50	
	20	9,78301,65333	2,75820	9,90030,45880	1,60729	9,88271,19454	4,36548	10,11728,80546	40	
	30	9,78304,41153	2,75792	9,90028,85151	1,60744	9,88275,56002	4,36537	10,11724,43998	30	
	40	9,78307,16945	2,75765	9,90027,24407	1,60761	9,88279,92539	4,36525	10,11720,07461	20	
	50	9,78309,92710	2,75736	9,90025,63646	1,60777	9,88284,29064	4,36514	10,11715,70936	10	
22	0	9,78312,68446	2,75709	9,90024,02869	1,60793	9,88288,65578	4,36502	10,11711,34422	o	38
	10	9,78315,44155	2,75681	9,90022,42076	1,60810	9,88293,02080	4,36490	10,11706,97920	50	
	20	9,78318,19836	2,75654	9,90020,81266	1,60825	9,88297,38570	4,36479	10,11702,61430	40	
	30	9,78320,95490	2,75626	9,90019,20441	1,60842	9,88301,75049	4,36467	10,11698,24951	30	
	40	9,78323,71116	2,75598	9,90017,59599	1,60858	9,88306,11516	4,36456	10,11693,88484	20	
	50	9,78326,46714	2,75570	9,90015,98741	1,60874	9,88310,47972	4,36445	10,11689,52028	10	
23	0	9,78329,22284	2,75543	9,90014,37867	1,60890	9,88314,84417	4,36433	10,11685,15583	o	37
	10	9,78331,97827	2,75515	9,90012,76977	1,60906	9,88319,20850	4,36421	10,11680,79150	50	
	20	9,78334,73342	2,75487	9,90011,16071	1,60923	9,88323,57271	4,36410	10,11676,42729	40	
	30	9,78337,48829	2,75460	9,90009,55148	1,60938	9,88327,93681	4,36398	10,11672,06319	30	
	40	9,78340,24289	2,75432	9,90007,94210	1,60955	9,88332,30079	4,36387	10,11667,69921	20	
	50	9,78342,99721	2,75404	9,90006,33255	1,60971	9,88336,66466	4,36375	10,11663,33534	10	
24	0	9,78345,75125	2,75377	9,90004,72284	1,60987	9,88341,02841	4,36364	10,11658,97159	o	36
	10	9,78348,50502	2,75349	9,90003,11297	1,61004	9,88345,39205	4,36352	10,11654,60795	50	
	20	9,78351,25851	2,75321	9,90001,50293	1,61019	9,88349,75557	4,36341	10,11650,24443	40	
	30	9,78354,01172	2,75294	9,89999,89274	1,61036	9,88354,11898	4,36329	10,11645,88102	30	
	40	9,78356,76466	2,75266	9,89998,28238	1,61052	9,88358,48227	4,36318	10,11641,51773	20	
	50	9,78359,51732	2,75238	9,89996,67186	1,61068	9,88362,84545	4,36307	10,11637,15455	10	
25	0	9,78362,26970	2,75211	9,89995,06118	1,61084	9,88367,20852	4,36295	10,11632,79148	o	35
	10	9,78365,02181	2,75183	9,89993,45034	1,61101	9,88371,57147	4,36283	10,11628,42853	50	
	20	9,78367,77364	2,75155	9,89991,83933	1,61116	9,88375,93430	4,36272	10,11624,06570	40	
	30	9,78370,52519	2,75128	9,89990,22817	1,61133	9,88380,29702	4,36261	10,11619,70298	30	
	40	9,78373,27647	2,75100	9,89988,61684	1,61149	9,88384,65963	4,36249	10,11615,34037	20	
	50	9,78376,02747	2,75072	9,89987,00535	1,61165	9,88389,02212	4,36237	10,11610,97788	10	
26	0	9,78378,77819	2,75045	9,89985,39370	1,61181	9,88393,38449	4,36227	10,11606,61551	o	34
	10	9,78381,52864	2,75017	9,89983,78189	1,61198	9,88397,74676	4,36214	10,11602,25324	50	
	20	9,78384,27881	2,74990	9,89982,16991	1,61214	9,88402,10890	4,36204	10,11597,89110	40	
	30	9,78387,02871	2,74962	9,89980,55777	1,61230	9,88406,47094	4,36192	10,11593,52906	30	
	40	9,78389,77833	2,74934	9,89978,94547	1,61246	9,88410,83286	4,36180	10,11589,16714	20	
	50	9,78392,52767	2,74907	9,89977,33301	1,61262	9,88415,19466	4,36169	10,11584,80534	10	
27	0	9,78395,27674	2,74879	9,89975,72039	1,61279	9,88419,55635	4,36158	10,11580,44365	o	33
	10	9,78398,02553	2,74852	9,89974,10760	1,61294	9,88423,91793	4,36146	10,11576,08207	50	
	20	9,78400,77405	2,74824	9,89972,49466	1,61311	9,88428,27939	4,36135	10,11571,72061	40	
	30	9,78403,52229	2,74796	9,89970,88155	1,61328	9,88432,64074	4,36124	10,11567,35926	30	
	40	9,78406,27025	2,74769	9,89969,26827	1,61343	9,88437,00198	4,36112	10,11562,99802	20	
	50	9,78409,01794	2,74741	9,89967,65484	1,61359	9,88441,36310	4,36100	10,11558,63690	10	
28	0	9,78411,76535	2,74714	9,89966,04125	1,61376	9,88445,72410	4,36090	10,11554,27590	o	32
	10	9,78414,51249	2,74686	9,89964,42749	1,61392	9,88450,08500	4,36078	10,11549,91500	50	
	20	9,78417,25935	2,74658	9,89962,81357	1,61408	9,88454,44578	4,36066	10,11545,55422	40	
	30	9,78420,00593	2,74631	9,89961,19949	1,61425	9,88458,80644	4,36055	10,11541,19356	30	
	40	9,78422,75224	2,74603	9,89959,58524	1,61440	9,88463,16699	4,36044	10,11536,83301	20	
	50	9,78425,49827	2,74576	9,89957,97084	1,61457	9,88467,52743	4,36033	10,11532,47257	10	
29	0	9,78428,24403	2,74548	9,89956,35627	1,61473	9,88471,88776	4,36021	10,11528,11224	o	31
	10	9,78430,98951	2,74521	9,89954,74154	1,61489	9,88476,24797	4,36010	10,11523,75203	50	
	20	9,78433,73472	2,74493	9,89953,12665	1,61505	9,88480,60807	4,35998	10,11519,39193	40	
	30	9,78436,47965	2,74465	9,89951,51160	1,61522	9,88484,96805	4,35987	10,11515,03195	30	
	40	9,78439,22430	2,74438	9,89949,89638	1,61538	9,88489,32792	4,35976	10,11510,67208	20	
	50	9,78441,96868	2,74410	9,89948,28100	1,61554	9,88493,68768	4,35964	10,11506,31232	10	
30	0	9,78444,71278	2,74383	9,89946,66546	1,61570	9,88498,04732	4,35953	10,11501,95268	o	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,78444,71278		9,89946,66546		9,88498,04732		10,11501,95268	0	30
	10	9,78447,45661	2,74383	9,89945,04976	1,61570	9,88502,40685	4,35953	10,11497,59315	50	
	20	9,78450,20016	2,74355	9,89943,43389	1,61587	9,88506,76627	4,35942	10,11493,23373	40	
	30	9,78452,94344	2,74328	9,89941,81787	1,61602	9,88511,12558	4,35931	10,11488,87442	30	
	40	9,78455,68644	2,74300	9,89940,20168	1,61619	9,88515,48477	4,35919	10,11484,51523	20	
	50	9,78458,42917	2,74273	9,89938,58533	1,61635	9,88519,84384	4,35907	10,11480,15616	10	
31	0	9,78461,17162	2,74245	9,89936,96881	1,61652	9,88524,20281	4,35897	10,11475,79719	0	29
	10	9,78463,91380	2,74218	9,89935,35214	1,61667	9,88528,56166	4,35885	10,11471,43834	50	
	20	9,78466,65570	2,74190	9,89933,73530	1,61684	9,88532,92040	4,35874	10,11467,07960	40	
	30	9,78469,39732	2,74162	9,89932,11830	1,61700	9,88537,27903	4,35863	10,11462,72097	30	
	40	9,78472,13868	2,74136	9,89930,50113	1,61717	9,88541,63754	4,35851	10,11458,36246	20	
	50	9,78474,87975	2,74107	9,89928,88381	1,61732	9,88545,99594	4,35840	10,11454,00406	10	
32	0	9,78477,62055	2,74080	9,89927,26632	1,61749	9,88550,35423	4,35829	10,11449,64577	0	28
	10	9,78480,36108	2,74053	9,89925,64867	1,61765	9,88554,71241	4,35818	10,11445,28759	50	
	20	9,78483,10133	2,74025	9,89924,03086	1,61781	9,88559,07047	4,35806	10,11440,92953	40	
	30	9,78485,84130	2,73997	9,89922,41288	1,61798	9,88563,42842	4,35795	10,11436,57158	30	
	40	9,78488,58100	2,73970	9,89920,79475	1,61813	9,88567,78626	4,35784	10,11432,21374	20	
	50	9,78491,32043	2,73943	9,89919,17645	1,61830	9,88572,14398	4,35772	10,11427,85602	10	
33	0	9,78494,05958	2,73915	9,89917,55799	1,61846	9,88576,50159	4,35761	10,11423,49841	0	27
	10	9,78496,79846	2,73888	9,89915,93936	1,61863	9,88580,85909	4,35750	10,11419,14091	50	
	20	9,78499,53706	2,73860	9,89914,32058	1,61878	9,88585,21648	4,35739	10,11414,78352	40	
	30	9,78502,27538	2,73832	9,89912,70163	1,61895	9,88589,57376	4,35728	10,11410,42624	30	
	40	9,78505,01344	2,73806	9,89911,08252	1,61911	9,88593,93092	4,35716	10,11406,06908	20	
	50	9,78507,75121	2,73777	9,89909,46324	1,61928	9,88598,28797	4,35705	10,11401,71203	10	
34	0	9,78510,48871	2,73750	9,89907,84381	1,61943	9,88602,64491	4,35694	10,11397,35509	0	26
	10	9,78513,22594	2,73723	9,89906,22421	1,61960	9,88607,00174	4,35683	10,11392,99826	50	
	20	9,78515,96290	2,73696	9,89904,60445	1,61976	9,88611,35845	4,35671	10,11388,64155	40	
	30	9,78518,69957	2,73667	9,89902,98452	1,61993	9,88615,71505	4,35660	10,11384,28495	30	
	40	9,78521,43598	2,73641	9,89901,36444	1,62008	9,88620,07154	4,35649	10,11379,92846	20	
	50	9,78524,17211	2,73613	9,89899,74419	1,62025	9,88624,42792	4,35638	10,11375,57208	10	
35	0	9,78526,90796	2,73585	9,89898,12378	1,62041	9,88628,78419	4,35627	10,11371,21581	0	25
	10	9,78529,64354	2,73558	9,89896,50320	1,62058	9,88633,14034	4,35615	10,11366,85966	50	
	20	9,78532,37885	2,73531	9,89894,88247	1,62073	9,88637,49638	4,35604	10,11362,50362	40	
	30	9,78535,11388	2,73503	9,89893,26157	1,62090	9,88641,85232	4,35594	10,11358,14768	30	
	40	9,78537,84864	2,73476	9,89891,64051	1,62106	9,88646,20813	4,35581	10,11353,79187	20	
	50	9,78540,58312	2,73448	9,89890,01928	1,62123	9,88650,56384	4,35571	10,11349,43616	10	
36	0	9,78543,31733	2,73421	9,89888,39790	1,62138	9,88654,91944	4,35560	10,11345,08056	0	24
	10	9,78546,05127	2,73394	9,89886,77635	1,62155	9,88659,27492	4,35548	10,11340,72508	50	
	20	9,78548,78493	2,73366	9,89885,15463	1,62172	9,88663,63030	4,35538	10,11336,36970	40	
	30	9,78551,51832	2,73339	9,89883,53276	1,62187	9,88667,98556	4,35526	10,11332,01444	30	
	40	9,78554,25143	2,73311	9,89881,91072	1,62204	9,88672,34071	4,35515	10,11327,65929	20	
	50	9,78556,98427	2,73284	9,89880,28852	1,62220	9,88676,69575	4,35504	10,11323,30425	10	
37	0	9,78559,71683	2,73256	9,89878,66616	1,62236	9,88681,05067	4,35492	10,11318,94933	0	23
	10	9,78562,44912	2,73229	9,89877,04364	1,62252	9,88685,40549	4,35482	10,11314,59451	50	
	20	9,78565,18114	2,73202	9,89875,42095	1,62269	9,88689,76019	4,35470	10,11310,23981	40	
	30	9,78567,91288	2,73174	9,89873,79810	1,62285	9,88694,11479	4,35460	10,11305,88521	30	
	40	9,78570,64435	2,73147	9,89872,17508	1,62302	9,88698,46927	4,35448	10,11301,53073	20	
	50	9,78573,37555	2,73120	9,89870,55191	1,62317	9,88702,82364	4,35437	10,11297,17636	10	
38	0	9,78576,10647	2,73092	9,89868,92857	1,62334	9,88707,17790	4,35426	10,11292,82210	0	22
	10	9,78578,83712	2,73065	9,89867,30507	1,62350	9,88711,53205	4,35415	10,11288,46795	50	
	20	9,78581,56749	2,73037	9,89865,68140	1,62367	9,88715,88609	4,35404	10,11284,11391	40	
	30	9,78584,29759	2,73010	9,89864,05757	1,62383	9,88720,24001	4,35392	10,11279,75999	30	
	40	9,78587,02742	2,72983	9,89862,43358	1,62399	9,88724,59383	4,35382	10,11275,40617	20	
	50	9,78589,75697	2,72955	9,89860,80943	1,62415	9,88728,94754	4,35371	10,11271,05246	10	
39	0	9,78592,48625	2,72928	9,89859,18512	1,62431	9,88733,30113	4,35359	10,11266,69887	0	21
	10	9,78595,21525	2,72900	9,89857,56064	1,62448	9,88737,65461	4,35348	10,11262,34539	50	
	20	9,78597,94398	2,72873	9,89855,93600	1,62464	9,88742,00799	4,35338	10,11257,99201	40	
	30	9,78600,67244	2,72846	9,89854,31119	1,62481	9,88746,36125	4,35326	10,11253,63875	30	
	40	9,78603,40063	2,72819	9,89852,68623	1,62496	9,88750,71440	4,35315	10,11249,28560	20	
	50	9,78606,12854	2,72791	9,89851,06110	1,62513	9,88755,06744	4,35304	10,11244,93256	10	
40	0	9,78608,85618	2,72764	9,89849,43580	1,62530	9,88759,42037	4,35293	10,11240,57963	0	20
			2,72736		1,62545		4,35282			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,78608,85618		9,89849,43580		9,88759,42037		10,11240,57963	0	20
	10	9,78611,58354	2,72736	9,89847,81035	1,62545	9,88763,77319	4,35282	10,11236,22681	50	
	20	9,78614,31063	2,72709	9,89846,18473	1,62562	9,88768,12590	4,35271	10,11231,87410	40	
	30	9,78617,03745	2,72682	9,89844,55895	1,62578	9,88772,47850	4,35260	10,11227,52150	30	
	40	9,78619,76400	2,72655	9,89842,93300	1,62595	9,88776,83099	4,35249	10,11223,16901	20	
	50	9,78622,49027	2,72627	9,89841,30689	1,62611	9,88781,18337	4,35238	10,11218,81663	10	
41	0	9,78625,21627	2,72600	9,89839,68062	1,62627	9,88785,53564	4,35227	10,11214,46436	0	19
	10	9,78627,94199	2,72572	9,89838,05419	1,62643	9,88789,88780	4,35216	10,11210,11220	50	
	20	9,78630,66744	2,72545	9,89836,42759	1,62660	9,88794,23985	4,35205	10,11205,76015	40	
	30	9,78633,39262	2,72518	9,89834,80084	1,62675	9,88798,59179	4,35194	10,11201,40821	30	
	40	9,78636,11753	2,72491	9,89833,17391	1,62693	9,88802,94362	4,35183	10,11197,05638	20	
	50	9,78638,84216	2,72463	9,89831,54683	1,62708	9,88807,29533	4,35171	10,11192,70467	10	
42	0	9,78641,56652	2,72436	9,89829,91958	1,62725	9,88811,64694	4,35161	10,11188,35306	0	18
	10	9,78644,29061	2,72409	9,89828,29217	1,62741	9,88815,99844	4,35150	10,11184,00156	50	
	20	9,78647,01442	2,72381	9,89826,66459	1,62758	9,88820,34983	4,35139	10,11179,65017	40	
	30	9,78649,73796	2,72354	9,89825,03685	1,62774	9,88824,70111	4,35128	10,11175,29889	30	
	40	9,78652,46123	2,72327	9,89823,40895	1,62790	9,88829,05228	4,35117	10,11170,94772	20	
	50	9,78655,18423	2,72300	9,89821,78089	1,62806	9,88833,40334	4,35106	10,11166,59666	10	
43	0	9,78657,90695	2,72272	9,89820,15266	1,62823	9,88837,75429	4,35095	10,11162,24571	0	17
	10	9,78660,62940	2,72245	9,89818,52427	1,62839	9,88842,10513	4,35084	10,11157,89487	50	
	20	9,78663,35158	2,72218	9,89816,89572	1,62855	9,88846,45586	4,35073	10,11153,54414	40	
	30	9,78666,07348	2,72190	9,89815,26700	1,62872	9,88850,80648	4,35062	10,11149,19352	30	
	40	9,78668,79511	2,72163	9,89813,63812	1,62888	9,88855,15699	4,35051	10,11144,84301	20	
	50	9,78671,51647	2,72136	9,89812,00908	1,62904	9,88859,50739	4,35040	10,11140,49261	10	
44	0	9,78674,23756	2,72109	9,89810,37987	1,62921	9,88863,85768	4,35029	10,11136,14232	0	16
	10	9,78676,95837	2,72081	9,89808,75051	1,62936	9,88868,20787	4,35019	10,11131,79213	50	
	20	9,78679,67891	2,72054	9,89807,12097	1,62954	9,88872,55794	4,35007	10,11127,44206	40	
	30	9,78682,39918	2,72027	9,89805,49128	1,62969	9,88876,90790	4,34996	10,11123,09210	30	
	40	9,78685,11918	2,72000	9,89803,86142	1,62986	9,88881,25776	4,34986	10,11118,74224	20	
	50	9,78687,83890	2,71972	9,89802,23140	1,63002	9,88885,60751	4,34975	10,11114,39249	10	
45	0	9,78690,55835	2,71945	9,89800,60121	1,63019	9,88889,95714	4,34963	10,11110,04286	0	15
	10	9,78693,27753	2,71918	9,89798,97086	1,63035	9,88894,30667	4,34953	10,11105,69333	50	
	20	9,78695,99644	2,71891	9,89797,34035	1,63051	9,88898,65609	4,34942	10,11101,34391	40	
	30	9,78698,71508	2,71864	9,89795,70967	1,63068	9,88903,00540	4,34931	10,11096,99460	30	
	40	9,78701,43344	2,71836	9,89794,07884	1,63083	9,88907,35460	4,34920	10,11092,64540	20	
	50	9,78704,15153	2,71809	9,89792,44783	1,63101	9,88911,70369	4,34909	10,11088,29631	10	
46	0	9,78706,86935	2,71782	9,89790,81667	1,63116	9,88916,05268	4,34899	10,11083,94732	0	14
	10	9,78709,58689	2,71754	9,89789,18534	1,63133	9,88920,40155	4,34887	10,11079,59845	50	
	20	9,78712,30417	2,71728	9,89787,55385	1,63149	9,88924,75032	4,34877	10,11075,24968	40	
	30	9,78715,02117	2,71700	9,89785,92219	1,63166	9,88929,09897	4,34865	10,11070,90103	30	
	40	9,78717,73790	2,71673	9,89784,29037	1,63182	9,88933,44752	4,34855	10,11066,55248	20	
	50	9,78720,45436	2,71646	9,89782,65839	1,63198	9,88937,79596	4,34844	10,11062,20404	10	
47	0	9,78723,17054	2,71618	9,89781,02625	1,63214	9,88942,14429	4,34833	10,11057,85571	0	13
	10	9,78725,88646	2,71592	9,89779,39394	1,63231	9,88946,49252	4,34823	10,11053,50748	50	
	20	9,78728,60210	2,71564	9,89777,76147	1,63247	9,88950,84063	4,34811	10,11049,15937	40	
	30	9,78731,31747	2,71537	9,89776,12883	1,63264	9,88955,18864	4,34801	10,11044,81136	30	
	40	9,78734,03257	2,71510	9,89774,49603	1,63280	9,88959,53654	4,34790	10,11040,46346	20	
	50	9,78736,74739	2,71482	9,89772,86307	1,63296	9,88963,88432	4,34778	10,11036,11568	10	
48	0	9,78739,46195	2,71456	9,89771,22994	1,63313	9,88968,23201	4,34769	10,11031,76799	0	12
	10	9,78742,17623	2,71428	9,89769,59665	1,63329	9,88972,57958	4,34757	10,11027,42042	50	
	20	9,78744,89024	2,71401	9,89767,96320	1,63345	9,88976,92704	4,34746	10,11023,07296	40	
	30	9,78747,60398	2,71374	9,89766,32958	1,63362	9,88981,27440	4,34736	10,11018,72560	30	
	40	9,78750,31745	2,71347	9,89764,69580	1,63378	9,88985,62165	4,34725	10,11014,37835	20	
	50	9,78753,03064	2,71319	9,89763,06186	1,63394	9,88989,96879	4,34714	10,11010,03121	10	
49	0	9,78755,74357	2,71293	9,89761,42775	1,63411	9,88994,31582	4,34703	10,11005,68418	0	11
	10	9,78758,45622	2,71265	9,89759,79348	1,63427	9,88998,66274	4,34692	10,11001,33726	50	
	20	9,78761,16860	2,71238	9,89758,15904	1,63444	9,89003,00956	4,34682	10,10996,99044	40	
	30	9,78763,88072	2,71212	9,89756,52445	1,63459	9,89007,35627	4,34671	10,10992,64373	30	
	40	9,78766,59255	2,71183	9,89754,88968	1,63477	9,89011,70287	4,34660	10,10988,29713	20	
	50	9,78769,30412	2,71157	9,89753,25476	1,63492	9,89016,04936	4,34649	10,10983,95064	10	
50	0	9,78772,01542	2,71130	9,89751,61967	1,63509	9,89020,39575	4,34639	10,10979,60425	0	10
			2,71102		1,63525		4,34628			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,78772,01542		9,89751,61967		9,89020,39575		10,10979,60425	0	10
	10	9,78774,72644	2,71102	9,89749,98442	1,63525	9,89024,74203	4,34628	10,10975,25797	50	
	20	9,78777,43720	2,71076	9,89748,34900	1,63542	9,89029,08819	4,34616	10,10970,91181	40	
	30	9,78780,14768	2,71048	9,89746,71342	1,63558	9,89033,43426	4,34607	10,10966,56574	30	
	40	9,78782,85789	2,71021	9,89745,07768	1,63574	9,89037,78021	4,34595	10,10962,21979	20	
	50	9,78785,56783	2,70994	9,89743,44177	1,63591	9,89042,12606	4,34585	10,10957,87394	10	
51	0	9,78788,27750	2,70967	9,89741,80570	1,63607	9,89046,47180	4,34574	10,10953,52820	0	9
	10	9,78790,98690	2,70940	9,89740,16946	1,63624	9,89050,81743	4,34563	10,10949,18257	50	
	20	9,78793,69602	2,70912	9,89738,53307	1,63639	9,89055,16296	4,34553	10,10944,83704	40	
	30	9,78796,40488	2,70886	9,89736,89650	1,63657	9,89059,50837	4,34541	10,10940,49163	30	
	40	9,78799,11346	2,70858	9,89735,25978	1,63672	9,89063,85368	4,34531	10,10936,14632	20	
	50	9,78801,82177	2,70831	9,89733,62289	1,63689	9,89068,19889	4,34521	10,10931,80111	10	
52	0	9,78804,52982	2,70805	9,89731,98583	1,63706	9,89072,54398	4,34509	10,10927,45602	0	8
	10	9,78807,23759	2,70777	9,89730,34862	1,63721	9,89076,88897	4,34499	10,10923,11103	50	
	20	9,78809,94509	2,70750	9,89728,71124	1,63738	9,89081,23385	4,34488	10,10918,76615	40	
	30	9,78812,65232	2,70723	9,89727,07369	1,63755	9,89085,57863	4,34478	10,10914,42137	30	
	40	9,78815,35928	2,70696	9,89725,43598	1,63771	9,89089,92330	4,34467	10,10910,07670	20	
	50	9,78818,06597	2,70669	9,89723,79811	1,63787	9,89094,26786	4,34456	10,10905,73214	10	
53	0	9,78820,77238	2,70641	9,89722,16007	1,63804	9,89098,61231	4,34445	10,10901,38769	0	7
	10	9,78823,47853	2,70615	9,89720,52187	1,63820	9,89102,95666	4,34435	10,10897,04334	50	
	20	9,78826,18441	2,70588	9,89718,88351	1,63836	9,89107,30090	4,34424	10,10892,69910	40	
	30	9,78828,89001	2,70560	9,89717,24498	1,63853	9,89111,64503	4,34413	10,10888,35497	30	
	40	9,78831,59535	2,70534	9,89715,60629	1,63869	9,89115,98906	4,34403	10,10884,01094	20	
	50	9,78834,30041	2,70506	9,89713,96743	1,63886	9,89120,33298	4,34392	10,10879,66702	10	
54	0	9,78837,00520	2,70479	9,89712,32841	1,63902	9,89124,67679	4,34381	10,10875,32321	0	6
	10	9,78839,70973	2,70453	9,89710,68923	1,63918	9,89129,02050	4,34371	10,10870,97950	50	
	20	9,78842,41398	2,70425	9,89709,04988	1,63935	9,89133,36410	4,34360	10,10866,63590	40	
	30	9,78845,11796	2,70398	9,89707,41037	1,63951	9,89137,70759	4,34349	10,10862,29241	30	
	40	9,78847,82167	2,70371	9,89705,77069	1,63968	9,89142,05098	4,34339	10,10857,94902	20	
	50	9,78850,52511	2,70344	9,89704,13085	1,63984	9,89146,39426	4,34328	10,10853,60574	10	
55	0	9,78853,22829	2,70318	9,89702,49085	1,64000	9,89150,73744	4,34318	10,10849,26256	0	5
	10	9,78855,93119	2,70290	9,89700,85068	1,64017	9,89155,08051	4,34307	10,10844,91949	50	
	20	9,78858,63382	2,70263	9,89699,21035	1,64033	9,89159,42347	4,34296	10,10840,57653	40	
	30	9,78861,33618	2,70236	9,89697,56985	1,64050	9,89163,76632	4,34285	10,10836,23368	30	
	40	9,78864,03827	2,70209	9,89695,92919	1,64066	9,89168,10907	4,34275	10,10831,89093	20	
	50	9,78866,74009	2,70182	9,89694,28837	1,64082	9,89172,45172	4,34265	10,10827,54828	10	
56	0	9,78869,44164	2,70155	9,89692,64738	1,64099	9,89176,79425	4,34253	10,10823,20575	0	4
	10	9,78872,14292	2,70128	9,89691,00623	1,64115	9,89181,13669	4,34244	10,10818,86331	50	
	20	9,78874,84393	2,70101	9,89689,36491	1,64132	9,89185,47901	4,34232	10,10814,52099	40	
	30	9,78877,54466	2,70073	9,89687,72343	1,64148	9,89189,82123	4,34222	10,10810,17877	30	
	40	9,78880,24513	2,70047	9,89686,08179	1,64164	9,89194,16335	4,34212	10,10805,83665	20	
	50	9,78882,94533	2,70020	9,89684,43998	1,64181	9,89198,50535	4,34200	10,10801,49465	10	
57	0	9,78885,64526	2,69993	9,89682,79801	1,64197	9,89202,84726	4,34191	10,10797,15274	0	3
	10	9,78888,34492	2,69966	9,89681,15587	1,64214	9,89207,18905	4,34179	10,10792,81095	50	
	20	9,78891,04431	2,69939	9,89679,51357	1,64230	9,89211,53074	4,34169	10,10788,46926	40	
	30	9,78893,74343	2,69912	9,89677,87110	1,64247	9,89215,87233	4,34159	10,10784,12767	30	
	40	9,78896,44228	2,69885	9,89676,22847	1,64263	9,89220,21381	4,34148	10,10779,78619	20	
	50	9,78899,14086	2,69858	9,89674,58568	1,64279	9,89224,55518	4,34137	10,10775,44482	10	
58	0	9,78901,83917	2,69831	9,89672,94272	1,64296	9,89228,89645	4,34127	10,10771,10355	0	2
	10	9,78904,53721	2,69804	9,89671,29960	1,64312	9,89233,23761	4,34116	10,10766,76239	50	
	20	9,78907,23498	2,69777	9,89669,65631	1,64329	9,89237,57867	4,34106	10,10762,42133	40	
	30	9,78909,93249	2,69751	9,89668,01286	1,64345	9,89241,91962	4,34095	10,10758,08038	30	
	40	9,78912,62972	2,69723	9,89666,36925	1,64361	9,89246,26047	4,34085	10,10753,73953	20	
	50	9,78915,32668	2,69696	9,89664,72547	1,64378	9,89250,60121	4,34074	10,10749,39879	10	
59	0	9,78918,02337	2,69669	9,89663,08153	1,64394	9,89254,94185	4,34064	10,10745,05815	0	1
	10	9,78920,71980	2,69643	9,89661,43742	1,64411	9,89259,28238	4,34053	10,10740,71762	50	
	20	9,78923,41595	2,69615	9,89659,79315	1,64427	9,89263,62280	4,34042	10,10736,37720	40	
	30	9,78926,11183	2,69588	9,89658,14871	1,64444	9,89267,96312	4,34032	10,10732,03688	30	
	40	9,78928,80745	2,69562	9,89656,50411	1,64460	9,89272,30334	4,34022	10,10727,69666	20	
	50	9,78931,50279	2,69534	9,89654,85934	1,64477	9,89276,64345	4,34011	10,10723,35655	10	
60	0	9,78934,19787	2,69508	9,89653,21441	1,64493	9,89280,98346	4,34001	10,10719,01654	0	0
		Sin. Comple.	2,69481	SINVVM	1,64509	Tang. compl.	4,33990	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,78934,19787		9,89653,21441		9,89280,98346		10,10719,01654	o	60
	10	9,78936,89268	2,69481	9,89651,56932	1,64509	9,89285,32336	4,33990	10,10714,67664	50	
	20	9,78939,58722	2,69454	9,89649,92406	1,64526	9,89289,66315	4,33979	10,10710,33685	40	
	30	9,78942,28148	2,69426	9,89648,27864	1,64542	9,89294,00284	4,33969	10,10705,99716	30	
	40	9,78944,97548	2,69400	9,89646,63305	1,64559	9,89298,34243	4,33959	10,10701,65757	20	
	50	9,78947,66921	2,69373	9,89644,98730	1,64575	9,89302,68191	4,33948	10,10697,31809	10	
1	0	9,78950,36267	2,69346	9,89643,34138	1,64592	9,89307,02129	4,33938	10,10692,97871	o	59
	10	9,78953,05587	2,69320	9,89641,69530	1,64608	9,89311,36056	4,33927	10,10688,63944	50	
	20	9,78955,74879	2,69292	9,89640,04906	1,64624	9,89315,69973	4,33917	10,10684,30027	40	
	30	9,78958,44144	2,69265	9,89638,40265	1,64641	9,89320,03879	4,33906	10,10679,96121	30	
	40	9,78961,13383	2,69239	9,89636,75607	1,64658	9,89324,37775	4,33896	10,10675,62225	20	
	50	9,78963,82594	2,69211	9,89635,10934	1,64673	9,89328,71661	4,33886	10,10671,28339	10	
2	0	9,78966,51779	2,69185	9,89633,46243	1,64691	9,89333,05536	4,33875	10,10666,94464	o	58
	10	9,78969,20937	2,69158	9,89631,81537	1,64706	9,89337,39400	4,33864	10,10662,60600	50	
	20	9,78971,90067	2,69130	9,89630,16813	1,64724	9,89341,73254	4,33854	10,10658,26746	40	
	30	9,78974,59171	2,69104	9,89628,52074	1,64739	9,89346,07098	4,33844	10,10653,92902	30	
	40	9,78977,28249	2,69078	9,89626,87318	1,64756	9,89350,40931	4,33833	10,10649,59069	20	
	50	9,78979,97299	2,69050	9,89625,22545	1,64773	9,89354,74754	4,33823	10,10645,25246	10	
3	0	9,78982,66322	2,69023	9,89623,57756	1,64789	9,89359,08566	4,33812	10,10640,91434	o	57
	10	9,78985,35319	2,68997	9,89621,92950	1,64806	9,89363,42368	4,33802	10,10636,57632	50	
	20	9,78988,04288	2,68969	9,89620,28128	1,64822	9,89367,76160	4,33792	10,10632,23840	40	
	30	9,78990,73231	2,68943	9,89618,63290	1,64838	9,89372,09941	4,33781	10,10627,90059	30	
	40	9,78993,42147	2,68916	9,89616,98435	1,64855	9,89376,43712	4,33771	10,10623,56288	20	
	50	9,78996,11036	2,68889	9,89615,33564	1,64871	9,89380,77472	4,33760	10,10619,22528	10	
4	0	9,78998,79898	2,68862	9,89613,68676	1,64888	9,89385,11222	4,33750	10,10614,88778	o	56
	10	9,79001,48734	2,68836	9,89612,03772	1,64904	9,89389,44962	4,33740	10,10610,55038	50	
	20	9,79004,17542	2,68808	9,89610,38851	1,64921	9,89393,78691	4,33729	10,10606,21309	40	
	30	9,79006,86324	2,68782	9,89608,73914	1,64937	9,89398,12410	4,33719	10,10601,87590	30	
	40	9,79009,55079	2,68755	9,89607,08960	1,64954	9,89402,46119	4,33709	10,10597,53881	20	
	50	9,79012,23807	2,68728	9,89605,43990	1,64970	9,89406,79817	4,33698	10,10593,20183	10	
5	0	9,79014,92508	2,68701	9,89603,79003	1,64987	9,89411,13505	4,33688	10,10588,86495	o	55
	10	9,79017,61182	2,68674	9,89602,14000	1,65003	9,89415,47182	4,33677	10,10584,52818	50	
	20	9,79020,29830	2,68648	9,89600,48980	1,65020	9,89419,80849	4,33667	10,10580,19151	40	
	30	9,79022,98450	2,68620	9,89598,83944	1,65036	9,89424,14506	4,33657	10,10575,85494	30	
	40	9,79025,67044	2,68594	9,89597,18892	1,65052	9,89428,48152	4,33646	10,10571,51848	20	
	50	9,79028,35611	2,68567	9,89595,53822	1,65070	9,89432,81789	4,33637	10,10567,18211	10	
6	0	9,79031,04151	2,68540	9,89593,88737	1,65085	9,89437,15414	4,33625	10,10562,84586	o	54
	10	9,79033,72665	2,68514	9,89592,23635	1,65102	9,89441,49030	4,33616	10,10558,50970	50	
	20	9,79036,41151	2,68486	9,89590,58516	1,65119	9,89445,82635	4,33605	10,10554,17365	40	
	30	9,79039,09611	2,68460	9,89588,93381	1,65135	9,89450,16230	4,33595	10,10549,83770	30	
	40	9,79041,78044	2,68433	9,89587,28230	1,65151	9,89454,49814	4,33584	10,10545,50186	20	
	50	9,79044,46450	2,68406	9,89585,63062	1,65168	9,89458,83388	4,33574	10,10541,16612	10	
7	0	9,79047,14830	2,68380	9,89583,97877	1,65185	9,89463,16952	4,33564	10,10536,83048	o	53
	10	9,79049,83182	2,68352	9,89582,32677	1,65200	9,89467,50506	4,33554	10,10532,49494	50	
	20	9,79052,51508	2,68326	9,89580,67459	1,65218	9,89471,84049	4,33543	10,10528,15951	40	
	30	9,79055,19807	2,68299	9,89579,02225	1,65234	9,89476,17582	4,33533	10,10523,82418	30	
	40	9,79057,88079	2,68272	9,89577,36975	1,65250	9,89480,51105	4,33523	10,10519,48895	20	
	50	9,79060,56325	2,68246	9,89575,71708	1,65267	9,89484,84617	4,33512	10,10515,15383	10	
8	0	9,79063,24543	2,68218	9,89574,06424	1,65284	9,89489,18119	4,33502	10,10510,81881	o	52
	10	9,79065,92735	2,68192	9,89572,41124	1,65300	9,89493,51611	4,33492	10,10506,48389	50	
	20	9,79068,60900	2,68165	9,89570,75808	1,65316	9,89497,85092	4,33481	10,10502,14908	40	
	30	9,79071,29039	2,68139	9,89569,10475	1,65333	9,89502,18564	4,33472	10,10497,81436	30	
	40	9,79073,97150	2,68111	9,89567,45126	1,65349	9,89506,52025	4,33461	10,10493,47975	20	
	50	9,79076,65235	2,68085	9,89565,79760	1,65366	9,89510,85476	4,33451	10,10489,14524	10	
9	0	9,79079,33293	2,68058	9,89564,14377	1,65383	9,89515,18916	4,33440	10,10484,81084	o	51
	10	9,79082,01325	2,68032	9,89562,48978	1,65399	9,89519,52347	4,33431	10,10480,47653	50	
	20	9,79084,69329	2,68004	9,89560,83563	1,65415	9,89523,85767	4,33420	10,10476,14233	40	
	30	9,79087,37307	2,67978	9,89559,18131	1,65432	9,89528,19176	4,33409	10,10471,80824	30	
	40	9,79090,05258	2,67951	9,89557,52682	1,65449	9,89532,52576	4,33400	10,10467,47424	20	
	50	9,79092,73183	2,67925	9,89555,87217	1,65465	9,89536,85965	4,33389	10,10463,14035	10	
10	0	9,79095,41080	2,67897	9,89554,21736	1,65481	9,89541,19345	4,33380	10,10458,80655	o	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,79095,41080		9,89554,21736		9,89541,19345		10,10458,80655	0	50
	10	9,79098,08951	2,67871	9,89552,56238	1,65498	9,89545,52713	4,33368	10,10454,47287	50	
	20	9,79100,76796	2,67845	9,89550,90723	1,65515	9,89549,86072	4,33359	10,10450,13928	40	
	30	9,79103,44613	2,67817	9,89549,25192	1,65531	9,89554,19421	4,33349	10,10445,80579	30	
	40	9,79106,12404	2,67791	9,89547,59645	1,65547	9,89558,52759	4,33338	10,10441,47241	20	
	50	9,79108,80168	2,67764	9,89545,94081	1,65564	9,89562,86087	4,33328	10,10437,13913	10	
11	0	9,79111,47905	2,67737	9,89544,28500	1,65581	9,89567,19405	4,33318	10,10432,80595	0	49
	10	9,79114,15616	2,67711	9,89542,62903	1,65597	9,89571,52713	4,33308	10,10428,47287	50	
	20	9,79116,83300	2,67684	9,89540,97289	1,65614	9,89575,86010	4,33297	10,10424,13990	40	
	30	9,79119,50957	2,67657	9,89539,31659	1,65630	9,89580,19298	4,33288	10,10419,80702	30	
	40	9,79122,18587	2,67630	9,89537,66012	1,65647	9,89584,52575	4,33277	10,10415,47425	20	
	50	9,79124,86191	2,67604	9,89536,00349	1,65663	9,89588,85842	4,33267	10,10411,14158	10	
12	0	9,79127,53768	2,67577	9,89534,34670	1,65679	9,89593,19099	4,33257	10,10406,80901	0	48
	10	9,79130,21319	2,67551	9,89532,68973	1,65697	9,89597,52345	4,33246	10,10402,47655	50	
	20	9,79132,88842	2,67523	9,89531,03260	1,65713	9,89601,85582	4,33237	10,10398,14418	40	
	30	9,79135,56339	2,67497	9,89529,37531	1,65729	9,89606,18808	4,33226	10,10393,81192	30	
	40	9,79138,23810	2,67471	9,89527,71785	1,65746	9,89610,52024	4,33216	10,10389,47976	20	
	50	9,79140,91253	2,67443	9,89526,06023	1,65762	9,89614,85231	4,33207	10,10385,14769	10	
13	0	9,79143,58670	2,67417	9,89524,40244	1,65779	9,89619,18426	4,33195	10,10380,81574	0	47
	10	9,79146,26061	2,67391	9,89522,74448	1,65796	9,89623,51612	4,33186	10,10376,48388	50	
	20	9,79148,93424	2,67363	9,89521,08636	1,65812	9,89627,84788	4,33176	10,10372,15212	40	
	30	9,79151,60761	2,67337	9,89519,42808	1,65828	9,89632,17953	4,33165	10,10367,82047	30	
	40	9,79154,28072	2,67311	9,89517,76963	1,65845	9,89636,51109	4,33156	10,10363,48891	20	
	50	9,79156,95355	2,67283	9,89516,11101	1,65862	9,89640,84254	4,33145	10,10359,15746	10	
14	0	9,79159,62612	2,67257	9,89514,45223	1,65878	9,89645,17389	4,33135	10,10354,82611	0	46
	10	9,79162,29843	2,67231	9,89512,79328	1,65895	9,89649,50514	4,33125	10,10350,49486	50	
	20	9,79164,97046	2,67203	9,89511,13417	1,65911	9,89653,83629	4,33115	10,10346,16371	40	
	30	9,79167,64223	2,67177	9,89509,47489	1,65928	9,89658,16734	4,33105	10,10341,83266	30	
	40	9,79170,31374	2,67151	9,89507,81545	1,65944	9,89662,49829	4,33095	10,10337,50171	20	
	50	9,79172,98498	2,67124	9,89506,15584	1,65961	9,89666,82914	4,33085	10,10333,17086	10	
15	0	9,79175,65595	2,67097	9,89504,49606	1,65978	9,89671,15988	4,33074	10,10328,84012	0	45
	10	9,79178,32665	2,67070	9,89502,83612	1,65994	9,89675,49053	4,33065	10,10324,50947	50	
	20	9,79180,99709	2,67044	9,89501,17602	1,66010	9,89679,82107	4,33054	10,10320,17893	40	
	30	9,79183,66726	2,67017	9,89499,51575	1,66027	9,89684,15152	4,33045	10,10315,84848	30	
	40	9,79186,33717	2,66991	9,89497,85531	1,66044	9,89688,48186	4,33034	10,10311,51814	20	
	50	9,79189,00681	2,66964	9,89496,19471	1,66060	9,89692,81210	4,33024	10,10307,18790	10	
16	0	9,79191,67618	2,66937	9,89494,53394	1,66077	9,89697,14224	4,33014	10,10302,85776	0	44
	10	9,79194,34529	2,66911	9,89492,87301	1,66093	9,89701,47229	4,33005	10,10298,52771	50	
	20	9,79197,01413	2,66884	9,89491,21191	1,66110	9,89705,80223	4,32994	10,10294,19777	40	
	30	9,79199,68271	2,66858	9,89489,55064	1,66127	9,89710,13207	4,32984	10,10289,86793	30	
	40	9,79202,35102	2,66831	9,89487,88921	1,66143	9,89714,46181	4,32974	10,10285,53819	20	
	50	9,79205,01906	2,66804	9,89486,22762	1,66159	9,89718,79145	4,32964	10,10281,20855	10	
17	0	9,79207,68684	2,66778	9,89484,56585	1,66177	9,89723,12099	4,32954	10,10276,87901	0	43
	10	9,79210,35435	2,66751	9,89482,90393	1,66192	9,89727,45042	4,32943	10,10272,54958	50	
	20	9,79213,02160	2,66725	9,89481,24183	1,66210	9,89731,77976	4,32934	10,10268,22024	40	
	30	9,79215,68858	2,66698	9,89479,57957	1,66226	9,89736,10900	4,32924	10,10263,89100	30	
	40	9,79218,35529	2,66671	9,89477,91715	1,66242	9,89740,43814	4,32914	10,10259,56186	20	
	50	9,79221,02174	2,66645	9,89476,25456	1,66259	9,89744,76718	4,32904	10,10255,23282	10	
18	0	9,79223,68792	2,66618	9,89474,59180	1,66276	9,89749,09612	4,32894	10,10250,90388	0	42
	10	9,79226,35384	2,66592	9,89472,92888	1,66292	9,89753,42496	4,32884	10,10246,57504	50	
	20	9,79229,01949	2,66565	9,89471,26580	1,66308	9,89757,75369	4,32873	10,10242,24631	40	
	30	9,79231,68487	2,66538	9,89469,60254	1,66326	9,89762,08233	4,32864	10,10237,91767	30	
	40	9,79234,34999	2,66512	9,89467,93912	1,66342	9,89766,41087	4,32854	10,10233,58913	20	
	50	9,79237,01485	2,66486	9,89466,27554	1,66358	9,89770,73931	4,32844	10,10229,26069	10	
19	0	9,79239,67944	2,66459	9,89464,61179	1,66375	9,89775,06765	4,32834	10,10224,93235	0	41
	10	9,79242,34376	2,66432	9,89462,94787	1,66392	9,89779,39589	4,32824	10,10220,60411	50	
	20	9,79245,00782	2,66406	9,89461,28379	1,66408	9,89783,72403	4,32814	10,10216,27597	40	
	30	9,79247,67161	2,66379	9,89459,61954	1,66425	9,89788,05207	4,32804	10,10211,94793	30	
	40	9,79250,33514	2,66353	9,89457,95513	1,66441	9,89792,38001	4,32794	10,10207,61999	20	
	50	9,79252,99840	2,66326	9,89456,29055	1,66458	9,89796,70785	4,32784	10,10203,29215	10	
20	0	9,79255,66139	2,66299	9,89454,62580	1,66475	9,89801,03559	4,32774	10,10198,96441	0	40
		Sin. Comple.	2,66273	SINVVM	1,66491	Tang. compl.	4,32764	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,79255,66139		9,89454,62580		9,89801,03559		10,10198,96441	o	40
	10	9,79258,32412	2,66273	9,89452,96089	1,66491	9,89805,36323	4,32764	10,10194,63677	50	
	20	9,79260,98659	2,66247	9,89451,29581	1,66508	9,89809,69077	4,32754	10,10190,30923	40	
	30	9,79263,64879	2,66220	9,89449,63057	1,66524	9,89814,01822	4,32745	10,10185,98178	30	
	40	9,79266,31072	2,66193	9,89447,96516	1,66541	9,89818,34556	4,32734	10,10181,65444	20	
	50	9,79268,97239	2,66167	9,89446,29958	1,66558	9,89822,67281	4,32725	10,10177,32719	10	
21	0	9,79271,63379	2,66140	9,89444,63384	1,66574	9,89826,99995	4,32714	10,10173,00005	o	39
	10	9,79274,29493	2,66114	9,89442,96794	1,66590	9,89831,32700	4,32705	10,10168,67300	50	
	20	9,79276,95581	2,66088	9,89441,30186	1,66608	9,89835,65394	4,32694	10,10164,34606	40	
	30	9,79279,61642	2,66061	9,89439,63562	1,66624	9,89839,98079	4,32685	10,10160,01921	30	
	40	9,79282,27676	2,66034	9,89437,96922	1,66640	9,89844,30754	4,32675	10,10155,69246	20	
	50	9,79284,93684	2,66008	9,89436,30265	1,66657	9,89848,63419	4,32665	10,10151,36581	10	
22	0	9,79287,59665	2,65981	9,89434,63591	1,66674	9,89852,96074	4,32655	10,10147,03926	o	38
	10	9,79290,25620	2,65955	9,89432,96901	1,66690	9,89857,28719	4,32645	10,10142,71281	50	
	20	9,79292,91548	2,65928	9,89431,30194	1,66707	9,89861,61355	4,32636	10,10138,38645	40	
	30	9,79295,57450	2,65902	9,89429,63470	1,66724	9,89865,93980	4,32625	10,10134,06020	30	
	40	9,79298,23326	2,65876	9,89427,96730	1,66740	9,89870,26596	4,32616	10,10129,73404	20	
	50	9,79300,89175	2,65849	9,89426,29973	1,66757	9,89874,59201	4,32605	10,10125,40799	10	
23	0	9,79303,54997	2,65822	9,89424,63200	1,66773	9,89878,91797	4,32596	10,10121,08203	o	37
	10	9,79306,20793	2,65796	9,89422,96410	1,66790	9,89883,24383	4,32586	10,10116,75617	50	
	20	9,79308,86562	2,65769	9,89421,29603	1,66807	9,89887,56959	4,32576	10,10112,43041	40	
	30	9,79311,52305	2,65743	9,89419,62780	1,66823	9,89891,89525	4,32566	10,10108,10475	30	
	40	9,79314,18022	2,65717	9,89417,95940	1,66840	9,89896,22082	4,32557	10,10103,77918	20	
	50	9,79316,83712	2,65690	9,89416,29084	1,66856	9,89900,54628	4,32546	10,10099,45372	10	
24	0	9,79319,49376	2,65664	9,89414,62211	1,66873	9,89904,87165	4,32537	10,10095,12835	o	36
	10	9,79322,15013	2,65637	9,89412,95321	1,66890	9,89909,19692	4,32527	10,10090,80308	50	
	20	9,79324,80624	2,65611	9,89411,28415	1,66906	9,89913,52209	4,32517	10,10086,47791	40	
	30	9,79327,46208	2,65584	9,89409,61492	1,66923	9,89917,84716	4,32507	10,10082,15284	30	
	40	9,79330,11766	2,65558	9,89407,94552	1,66940	9,89922,17214	4,32498	10,10077,82786	20	
	50	9,79332,77297	2,65531	9,89406,27596	1,66956	9,89926,49701	4,32487	10,10073,50299	10	
25	0	9,79335,42802	2,65505	9,89404,60623	1,66973	9,89930,82179	4,32478	10,10069,17821	o	35
	10	9,79338,08280	2,65478	9,89402,93634	1,66989	9,89935,14647	4,32468	10,10064,85353	50	
	20	9,79340,73733	2,65453	9,89401,26628	1,67006	9,89939,47105	4,32458	10,10060,52895	40	
	30	9,79343,39158	2,65425	9,89399,59605	1,67023	9,89943,79553	4,32448	10,10056,20447	30	
	40	9,79346,04557	2,65399	9,89397,92566	1,67039	9,89948,11992	4,32439	10,10051,88008	20	
	50	9,79348,69930	2,65373	9,89396,25510	1,67056	9,89952,44420	4,32428	10,10047,55580	10	
26	0	9,79351,35276	2,65346	9,89394,58437	1,67073	9,89956,76839	4,32419	10,10043,23161	o	34
	10	9,79354,00596	2,65320	9,89392,91348	1,67089	9,89961,09249	4,32410	10,10038,90751	50	
	20	9,79356,65890	2,65294	9,89391,24242	1,67106	9,89965,41648	4,32399	10,10034,58352	40	
	30	9,79359,31157	2,65267	9,89389,57119	1,67123	9,89969,74038	4,32390	10,10030,25962	30	
	40	9,79361,96398	2,65241	9,89387,89980	1,67139	9,89974,06417	4,32379	10,10025,93583	20	
	50	9,79364,61612	2,65214	9,89386,22824	1,67156	9,89978,38788	4,32371	10,10021,61212	10	
27	0	9,79367,26800	2,65188	9,89384,55652	1,67172	9,89982,71148	4,32360	10,10017,28852	o	33
	10	9,79369,91961	2,65161	9,89382,88463	1,67189	9,89987,03498	4,32350	10,10012,96502	50	
	20	9,79372,57096	2,65135	9,89381,21257	1,67206	9,89991,35839	4,32341	10,10008,64161	40	
	30	9,79375,22205	2,65109	9,89379,54035	1,67222	9,89995,68170	4,32331	10,10004,31830	30	
	40	9,79377,87287	2,65082	9,89377,86796	1,67239	9,90000,00492	4,32322	10,09999,99508	20	
	50	9,79380,52343	2,65056	9,89376,19540	1,67256	9,90004,32803	4,32311	10,09995,67197	10	
28	0	9,79383,17373	2,65030	9,89374,52268	1,67272	9,90008,65105	4,32302	10,09991,34895	o	32
	10	9,79385,82376	2,65003	9,89372,84979	1,67289	9,90012,97397	4,32292	10,09987,02603	50	
	20	9,79388,47353	2,64977	9,89371,17673	1,67306	9,90017,29680	4,32283	10,09982,70320	40	
	30	9,79391,12303	2,64950	9,89369,50351	1,67322	9,90021,61952	4,32272	10,09978,38048	30	
	40	9,79393,77227	2,64924	9,89367,83012	1,67339	9,90025,94215	4,32263	10,09974,05785	20	
	50	9,79396,42125	2,64898	9,89366,15656	1,67356	9,90030,26469	4,32254	10,09969,73531	10	
29	0	9,79399,06996	2,64871	9,89364,48284	1,67372	9,90034,58712	4,32243	10,09965,41288	o	31
	10	9,79401,71841	2,64845	9,89362,80895	1,67389	9,90038,90946	4,32234	10,09961,09054	50	
	20	9,79404,36660	2,64819	9,89361,13490	1,67405	9,90043,23170	4,32224	10,09956,76830	40	
	30	9,79407,01452	2,64792	9,89359,46068	1,67422	9,90047,55385	4,32215	10,09952,44615	30	
	40	9,79409,66218	2,64766	9,89357,78629	1,67439	9,90051,87589	4,32204	10,09948,12411	20	
	50	9,79412,30958	2,64740	9,89356,11173	1,67456	9,90056,19784	4,32195	10,09943,80216	10	
30	0	9,79414,95671	2,64713	9,89354,43701	1,67472	9,90060,51970	4,32186	10,09939,48030	o	30
		Sin. Comple.	2,64687	SINVVM	1,67489	Tang. compl.	4,32176	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,79414,95671		9,89354,43701		9,90060,51970		10,09939,48030	0	30
	10	9,79417,60358	2,64687	9,89352,76212	1,67489	9,90064,84146	4,32176	10,09935,15854	50	
	20	9,79420,25018	2,64660	9,89351,08706	1,67506	9,90069,16312	4,32166	10,09930,83688	40	
	30	9,79422,89652	2,64634	9,89349,41184	1,67522	9,90073,48468	4,32156	10,09926,51532	30	
	40	9,79425,54260	2,64608	9,89347,73645	1,67539	9,90077,80615	4,32147	10,09922,19385	20	
	50	9,79428,18842	2,64582	9,89346,06090	1,67555	9,90082,12752	4,32137	10,09917,87248	10	
31	0	9,79430,83397	2,64555	9,89344,38518	1,67572	9,90086,44879	4,32127	10,09913,55121	0	29
	10	9,79433,47926	2,64529	9,89342,70929	1,67589	9,90090,76997	4,32118	10,09909,23003	50	
	20	9,79436,12428	2,64502	9,89341,03323	1,67606	9,90095,09105	4,32108	10,09904,90895	40	
	30	9,79438,76905	2,64477	9,89339,35701	1,67622	9,90099,41204	4,32099	10,09900,58796	30	
	40	9,79441,41354	2,64449	9,89337,68062	1,67639	9,90103,73293	4,32089	10,09896,26707	20	
	50	9,79444,05778	2,64424	9,89336,00406	1,67656	9,90108,05372	4,32079	10,09891,94628	10	
32	0	9,79446,70175	2,64397	9,89334,32734	1,67672	9,90112,37441	4,32069	10,09887,62559	0	28
	10	9,79449,34546	2,64371	9,89332,65045	1,67689	9,90116,69501	4,32060	10,09883,30499	50	
	20	9,79451,98891	2,64345	9,89330,97339	1,67706	9,90121,01552	4,32051	10,09878,98448	40	
	30	9,79454,63209	2,64318	9,89329,29617	1,67722	9,90125,33593	4,32041	10,09874,66407	30	
	40	9,79457,27502	2,64293	9,89327,61878	1,67739	9,90129,65624	4,32031	10,09870,34376	20	
	50	9,79459,91767	2,64265	9,89325,94122	1,67756	9,90133,97645	4,32021	10,09866,02355	10	
33	0	9,79462,56007	2,64240	9,89324,26350	1,67772	9,90138,29657	4,32012	10,09861,70343	0	27
	10	9,79465,20220	2,64213	9,89322,58561	1,67789	9,90142,61660	4,32003	10,09857,38340	50	
	20	9,79467,84407	2,64187	9,89320,90755	1,67806	9,90146,93652	4,31992	10,09853,06348	40	
	30	9,79470,48568	2,64161	9,89319,22932	1,67823	9,90151,25636	4,31984	10,09848,74364	30	
	40	9,79473,12702	2,64134	9,89317,55093	1,67839	9,90155,57609	4,31973	10,09844,42391	20	
	50	9,79475,76811	2,64109	9,89315,87237	1,67856	9,90159,89573	4,31964	10,09840,10427	10	
34	0	9,79478,40892	2,64081	9,89314,19365	1,67872	9,90164,21528	4,31955	10,09835,78472	0	26
	10	9,79481,04948	2,64056	9,89312,51476	1,67889	9,90168,53473	4,31945	10,09831,46527	50	
	20	9,79483,68977	2,64029	9,89310,83570	1,67906	9,90172,85408	4,31935	10,09827,14592	40	
	30	9,79486,32981	2,64004	9,89309,15647	1,67923	9,90177,17334	4,31926	10,09822,82666	30	
	40	9,79488,96957	2,63976	9,89307,47708	1,67939	9,90181,49250	4,31916	10,09818,50750	20	
	50	9,79491,60908	2,63951	9,89305,79751	1,67957	9,90185,81157	4,31907	10,09814,18843	10	
35	0	9,79494,24832	2,63924	9,89304,11779	1,67972	9,90190,13054	4,31897	10,09809,86946	0	25
	10	9,79496,88730	2,63898	9,89302,43789	1,67990	9,90194,44941	4,31887	10,09805,55059	50	
	20	9,79499,52602	2,63872	9,89300,75783	1,68006	9,90198,76819	4,31878	10,09801,23181	40	
	30	9,79502,16448	2,63846	9,89299,07760	1,68023	9,90203,08688	4,31869	10,09796,91312	30	
	40	9,79504,80267	2,63819	9,89297,39721	1,68039	9,90207,40547	4,31859	10,09792,59453	20	
	50	9,79507,44060	2,63793	9,89295,71664	1,68057	9,90211,72396	4,31849	10,09788,27604	10	
36	0	9,79510,07827	2,63767	9,89294,03591	1,68073	9,90216,04236	4,31840	10,09783,95764	0	24
	10	9,79512,71568	2,63741	9,89292,35501	1,68090	9,90220,36067	4,31831	10,09779,63933	50	
	20	9,79515,35283	2,63715	9,89290,67395	1,68106	9,90224,67888	4,31821	10,09775,32112	40	
	30	9,79517,98971	2,63688	9,89288,99272	1,68123	9,90228,99699	4,31811	10,09771,00301	30	
	40	9,79520,62633	2,63662	9,89287,31132	1,68140	9,90233,31501	4,31802	10,09766,68499	20	
	50	9,79523,26269	2,63636	9,89285,62975	1,68157	9,90237,63293	4,31792	10,09762,36707	10	
37	0	9,79525,89878	2,63609	9,89283,94802	1,68173	9,90241,95076	4,31783	10,09758,04924	0	23
	10	9,79528,53462	2,63584	9,89282,26612	1,68190	9,90246,26850	4,31774	10,09753,73150	50	
	20	9,79531,17019	2,63557	9,89280,58405	1,68207	9,90250,58614	4,31764	10,09749,41386	40	
	30	9,79533,80550	2,63531	9,89278,90182	1,68223	9,90254,90368	4,31754	10,09745,09632	30	
	40	9,79536,44055	2,63505	9,89277,21942	1,68240	9,90259,22113	4,31745	10,09740,77887	20	
	50	9,79539,07533	2,63478	9,89275,53685	1,68257	9,90263,53849	4,31736	10,09736,46151	10	
38	0	9,79541,70986	2,63453	9,89273,85411	1,68274	9,90267,85575	4,31726	10,09732,14425	0	22
	10	9,79544,34412	2,63426	9,89272,17121	1,68290	9,90272,17292	4,31717	10,09727,82708	50	
	20	9,79546,97812	2,63400	9,89270,48813	1,68308	9,90276,48999	4,31707	10,09723,51001	40	
	30	9,79549,61186	2,63374	9,89268,80490	1,68323	9,90280,80696	4,31697	10,09719,19304	30	
	40	9,79552,24534	2,63348	9,89267,12149	1,68341	9,90285,12385	4,31689	10,09714,87615	20	
	50	9,79554,87855	2,63321	9,89265,43792	1,68357	9,90289,44064	4,31679	10,09710,55936	10	
39	0	9,79557,51151	2,63296	9,89263,75418	1,68374	9,90293,75733	4,31669	10,09706,24267	0	21
	10	9,79560,14420	2,63269	9,89262,07027	1,68391	9,90298,07393	4,31660	10,09701,92607	50	
	20	9,79562,77663	2,63243	9,89260,38619	1,68408	9,90302,39044	4,31651	10,09697,60956	40	
	30	9,79565,40880	2,63217	9,89258,70195	1,68424	9,90306,70685	4,31641	10,09693,29315	30	
	40	9,79568,04070	2,63190	9,89257,01754	1,68441	9,90311,02316	4,31631	10,09688,97684	20	
	50	9,79570,67235	2,63165	9,89255,33296	1,68458	9,90315,33939	4,31623	10,09684,66061	10	
40	0	9,79573,30373	2,63138	9,89253,64822	1,68474	9,90319,65551	4,31612	10,09680,34449	0	20
			2,63113		1,68491		4,31604			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,79573,30373		9,89253,64822		9,90319,65551		10,09680,34449	0	20
	10	9,79575,93486	2,63113	9,89251,96331	1,68491	9,90323,97155	4,31604	10,09676,02845	50	
	20	9,79578,56572	2,63086	9,89250,27823	1,68508	9,90328,28749	4,31594	10,09671,71251	40	
	30	9,79581,19632	2,63060	9,89248,59298	1,68525	9,90332,60334	4,31585	10,09667,39666	30	
	40	9,79583,82665	2,63033	9,89246,90756	1,68542	9,90336,91909	4,31575	10,09663,08091	20	
	50	9,79586,45673	2,63008	9,89245,22198	1,68558	9,90341,23475	4,31566	10,09658,76525	10	
41	0	9,79589,08655	2,62982	9,89243,53623	1,68575	9,90345,55031	4,31556	10,09654,44969	0	19
	10	9,79591,71610	2,62955	9,89241,85031	1,68592	9,90349,86579	4,31548	10,09650,13421	50	
	20	9,79594,34539	2,62929	9,89240,16423	1,68608	9,90354,18116	4,31537	10,09645,81884	40	
	30	9,79596,97442	2,62903	9,89238,47798	1,68625	9,90358,49645	4,31529	10,09641,50355	30	
	40	9,79599,60319	2,62877	9,89236,79156	1,68642	9,90362,81164	4,31519	10,09637,18836	20	
	50	9,79602,23170	2,62851	9,89235,10497	1,68659	9,90367,12673	4,31509	10,09632,87327	10	
42	0	9,79604,85995	2,62825	9,89233,41821	1,68676	9,90371,44174	4,31501	10,09628,55826	0	18
	10	9,79607,48794	2,62799	9,89231,73129	1,68692	9,90375,75665	4,31491	10,09624,24335	50	
	20	9,79610,11566	2,62772	9,89230,04420	1,68709	9,90380,07146	4,31481	10,09619,92854	40	
	30	9,79612,74313	2,62747	9,89228,35694	1,68726	9,90384,38618	4,31472	10,09615,61382	30	
	40	9,79615,37033	2,62720	9,89226,66952	1,68742	9,90388,70081	4,31463	10,09611,29919	20	
	50	9,79617,99727	2,62694	9,89224,98193	1,68759	9,90393,01535	4,31454	10,09606,98465	10	
43	0	9,79620,62396	2,62669	9,89223,29416	1,68777	9,90397,32979	4,31444	10,09602,67021	0	17
	10	9,79623,25038	2,62642	9,89221,60624	1,68792	9,90401,64414	4,31435	10,09598,35586	50	
	20	9,79625,87654	2,62616	9,89219,91814	1,68810	9,90405,95840	4,31426	10,09594,04160	40	
	30	9,79628,50244	2,62590	9,89218,22988	1,68826	9,90410,27256	4,31416	10,09589,72744	30	
	40	9,79631,12807	2,62563	9,89216,54144	1,68844	9,90414,58663	4,31407	10,09585,41337	20	
	50	9,79633,75345	2,62538	9,89214,85285	1,68859	9,90418,90061	4,31398	10,09581,09939	10	
44	0	9,79636,37857	2,62512	9,89213,16408	1,68877	9,90423,21449	4,31388	10,09576,78551	0	16
	10	9,79639,00342	2,62485	9,89211,47514	1,68894	9,90427,52828	4,31379	10,09572,47172	50	
	20	9,79641,62802	2,62460	9,89209,78604	1,68910	9,90431,84198	4,31370	10,09568,15802	40	
	30	9,79644,25235	2,62433	9,89208,09677	1,68927	9,90436,15558	4,31360	10,09563,84442	30	
	40	9,79646,87643	2,62408	9,89206,40733	1,68944	9,90440,46910	4,31352	10,09559,53090	20	
	50	9,79649,50024	2,62381	9,89204,71773	1,68960	9,90444,78252	4,31342	10,09555,21748	10	
45	0	9,79652,12379	2,62355	9,89203,02795	1,68978	9,90449,09584	4,31332	10,09550,90416	0	15
	10	9,79654,74709	2,62330	9,89201,33801	1,68994	9,90453,40908	4,31324	10,09546,59092	50	
	20	9,79657,37012	2,62303	9,89199,64790	1,69011	9,90457,72222	4,31314	10,09542,27778	40	
	30	9,79659,99289	2,62277	9,89197,95762	1,69028	9,90462,03526	4,31304	10,09537,96474	30	
	40	9,79662,61540	2,62251	9,89196,26718	1,69044	9,90466,34822	4,31296	10,09533,65178	20	
	50	9,79665,23765	2,62225	9,89194,57657	1,69061	9,90470,66108	4,31286	10,09529,33892	10	
46	0	9,79667,85964	2,62199	9,89192,88578	1,69079	9,90474,97385	4,31277	10,09525,02615	0	14
	10	9,79670,48137	2,62173	9,89191,19484	1,69094	9,90479,28653	4,31268	10,09520,71347	50	
	20	9,79673,10284	2,62147	9,89189,50372	1,69112	9,90483,59912	4,31259	10,09516,40088	40	
	30	9,79675,72405	2,62121	9,89187,81243	1,69129	9,90487,91161	4,31249	10,09512,08839	30	
	40	9,79678,34500	2,62095	9,89186,12098	1,69145	9,90492,22401	4,31240	10,09507,77599	20	
	50	9,79680,96568	2,62068	9,89184,42936	1,69162	9,90496,53632	4,31231	10,09503,46368	10	
47	0	9,79683,58611	2,62043	9,89182,73757	1,69179	9,90500,84854	4,31222	10,09499,15146	0	13
	10	9,79686,20628	2,62017	9,89181,04562	1,69195	9,90505,16066	4,31212	10,09494,83934	50	
	20	9,79688,82619	2,61991	9,89179,35349	1,69213	9,90509,47270	4,31204	10,09490,52730	40	
	30	9,79691,44584	2,61965	9,89177,66120	1,69229	9,90513,78464	4,31194	10,09486,21536	30	
	40	9,79694,06522	2,61938	9,89175,96874	1,69246	9,90518,09649	4,31185	10,09481,90351	20	
	50	9,79696,68435	2,61913	9,89174,27611	1,69263	9,90522,40824	4,31175	10,09477,59176	10	
48	0	9,79699,30322	2,61887	9,89172,58331	1,69280	9,90526,71991	4,31167	10,09473,28009	0	12
	10	9,79701,92183	2,61861	9,89170,89035	1,69296	9,90531,03148	4,31157	10,09468,96852	50	
	20	9,79704,54017	2,61834	9,89169,19721	1,69314	9,90535,34296	4,31148	10,09464,65704	40	
	30	9,79707,15826	2,61809	9,89167,50391	1,69330	9,90539,65435	4,31139	10,09460,34565	30	
	40	9,79709,77609	2,61783	9,89165,81044	1,69347	9,90543,96564	4,31129	10,09456,03436	20	
	50	9,79712,39366	2,61757	9,89164,11681	1,69363	9,90548,27685	4,31121	10,09451,72315	10	
49	0	9,79715,01097	2,61731	9,89162,42300	1,69381	9,90552,58796	4,31111	10,09447,41204	0	11
	10	9,79717,62801	2,61704	9,89160,72903	1,69397	9,90556,89899	4,31103	10,09443,10101	50	
	20	9,79720,24480	2,61679	9,89159,03489	1,69414	9,90561,20992	4,31093	10,09438,79008	40	
	30	9,79722,86133	2,61653	9,89157,34058	1,69431	9,90565,52075	4,31083	10,09434,47925	30	
	40	9,79725,47760	2,61627	9,89155,64610	1,69448	9,90569,83150	4,31075	10,09430,16850	20	
	50	9,79728,09361	2,61601	9,89153,95145	1,69465	9,90574,14216	4,31066	10,09425,85784	10	
50	0	9,79730,70936	2,61575	9,89152,25664	1,69481	9,90578,45272	4,31056	10,09421,54728	0	10
			2,61549		1,69498		4,31047			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,79730,70936		9,89152,25664		9,90578,45272		10,09421,54728	0	10
	10	9,79733,32485	2,61549	9,89150,56166	1,69498	9,90582,76319	4,31047	10,09417,23681	50	
	20	9,79735,94008	2,61523	9,89148,86650	1,69516	9,90587,07358	4,31039	10,09412,92642	40	
	30	9,79738,55505	2,61497	9,89147,17119	1,69531	9,90591,38387	4,31029	10,09408,61613	30	
	40	9,79741,16976	2,61471	9,89145,47570	1,69549	9,90595,69406	4,31019	10,09404,30594	20	
	50	9,79743,78421	2,61445	9,89143,78004	1,69566	9,90600,00417	4,31011	10,09399,99583	10	
51	0	9,79746,39841	2,61420	9,89142,08422	1,69582	9,90604,31419	4,31002	10,09395,68581	0	9
	10	9,79749,01234	2,61393	9,89140,38823	1,69599	9,90608,62411	4,30992	10,09391,37589	50	
	20	9,79751,62601	2,61367	9,89138,69207	1,69616	9,90612,93395	4,30984	10,09387,06605	40	
	30	9,79754,23943	2,61342	9,89136,99574	1,69633	9,90617,24369	4,30974	10,09382,75631	30	
	40	9,79756,85258	2,61315	9,89135,29924	1,69650	9,90621,55334	4,30965	10,09378,44666	20	
	50	9,79759,46548	2,61290	9,89133,60257	1,69667	9,90625,86291	4,30957	10,09374,13709	10	
52	0	9,79762,07812	2,61264	9,89131,90574	1,69683	9,90630,17238	4,30947	10,09369,82762	0	8
	10	9,79764,69049	2,61237	9,89130,20874	1,69700	9,90634,48176	4,30938	10,09365,51824	50	
	20	9,79767,30261	2,61212	9,89128,51157	1,69717	9,90638,79105	4,30929	10,09361,20895	40	
	30	9,79769,91447	2,61186	9,89126,81423	1,69734	9,90643,10024	4,30919	10,09356,89976	30	
	40	9,79772,52607	2,61160	9,89125,11672	1,69751	9,90647,40935	4,30911	10,09352,59065	20	
	50	9,79775,13741	2,61134	9,89123,41904	1,69768	9,90651,71837	4,30902	10,09348,28163	10	
53	0	9,79777,74849	2,61108	9,89121,72120	1,69784	9,90656,02729	4,30892	10,09343,97271	0	7
	10	9,79780,35932	2,61083	9,89120,02319	1,69801	9,90660,33613	4,30884	10,09339,66387	50	
	20	9,79782,96988	2,61056	9,89118,32500	1,69819	9,90664,64487	4,30874	10,09335,35513	40	
	30	9,79785,58018	2,61030	9,89116,62666	1,69834	9,90668,95353	4,30866	10,09331,04647	30	
	40	9,79788,19023	2,61005	9,89114,92814	1,69852	9,90673,26209	4,30856	10,09326,73791	20	
	50	9,79790,80002	2,60979	9,89113,22945	1,69869	9,90677,57057	4,30848	10,09322,42943	10	
54	0	9,79793,40954	2,60952	9,89111,53059	1,69886	9,90681,87895	4,30838	10,09318,12105	0	6
	10	9,79796,01881	2,60927	9,89109,83157	1,69902	9,90686,18724	4,30829	10,09313,81276	50	
	20	9,79798,62782	2,60901	9,89108,13238	1,69919	9,90690,49545	4,30821	10,09309,50455	40	
	30	9,79801,23657	2,60875	9,89106,43302	1,69936	9,90694,80356	4,30811	10,09305,19644	30	
	40	9,79803,84507	2,60850	9,89104,73349	1,69953	9,90699,11158	4,30802	10,09300,88842	20	
	50	9,79806,45330	2,60823	9,89103,03379	1,69970	9,90703,41951	4,30793	10,09296,58049	10	
55	0	9,79809,06128	2,60798	9,89101,33392	1,69987	9,90707,72735	4,30784	10,09292,27265	0	5
	10	9,79811,66899	2,60771	9,89099,63389	1,70003	9,90712,03511	4,30776	10,09287,96489	50	
	20	9,79814,27645	2,60746	9,89097,93368	1,70021	9,90716,34277	4,30766	10,09283,65723	40	
	30	9,79816,88365	2,60720	9,89096,23331	1,70037	9,90720,65034	4,30757	10,09279,34966	30	
	40	9,79819,49059	2,60694	9,89094,53277	1,70054	9,90724,95782	4,30748	10,09275,04218	20	
	50	9,79822,09727	2,60668	9,89092,83206	1,70071	9,90729,26521	4,30739	10,09270,73479	10	
56	0	9,79824,70370	2,60643	9,89091,13118	1,70088	9,90733,57252	4,30731	10,09266,42748	0	4
	10	9,79827,30986	2,60616	9,89089,43013	1,70105	9,90737,87973	4,30721	10,09262,12027	50	
	20	9,79829,91577	2,60591	9,89087,72892	1,70121	9,90742,18685	4,30712	10,09257,81315	40	
	30	9,79832,52142	2,60565	9,89086,02753	1,70139	9,90746,49388	4,30703	10,09253,50612	30	
	40	9,79835,12681	2,60539	9,89084,32598	1,70155	9,90750,80083	4,30695	10,09249,19917	20	
	50	9,79837,73194	2,60513	9,89082,62425	1,70173	9,90755,10768	4,30685	10,09244,89232	10	
57	0	9,79840,33681	2,60487	9,89080,92236	1,70189	9,90759,41445	4,30677	10,09240,58555	0	3
	10	9,79842,94142	2,60461	9,89079,22030	1,70206	9,90763,72112	4,30667	10,09236,27888	50	
	20	9,79845,54578	2,60436	9,89077,51807	1,70223	9,90768,02771	4,30659	10,09231,97229	40	
	30	9,79848,14988	2,60410	9,89075,81568	1,70239	9,90772,33420	4,30649	10,09227,66580	30	
	40	9,79850,75372	2,60384	9,89074,11311	1,70257	9,90776,64061	4,30641	10,09223,35939	20	
	50	9,79853,35730	2,60358	9,89072,41038	1,70273	9,90780,94693	4,30632	10,09219,05307	10	
58	0	9,79855,96062	2,60332	9,89070,70747	1,70291	9,90785,25315	4,30622	10,09214,74685	0	2
	10	9,79858,56369	2,60307	9,89069,00440	1,70307	9,90789,55929	4,30614	10,09210,44071	50	
	20	9,79861,16650	2,60281	9,89067,30116	1,70324	9,90793,86534	4,30605	10,09206,13466	40	
	30	9,79863,76905	2,60255	9,89065,59775	1,70341	9,90798,17130	4,30596	10,09201,82870	30	
	40	9,79866,37134	2,60229	9,89063,89417	1,70358	9,90802,47717	4,30587	10,09197,52283	20	
	50	9,79868,97337	2,60203	9,89062,19042	1,70375	9,90806,78295	4,30578	10,09193,21705	10	
59	0	9,79871,57515	2,60178	9,89060,48650	1,70392	9,90811,08865	4,30570	10,09188,91135	0	1
	10	9,79874,17667	2,60152	9,89058,78241	1,70409	9,90815,39425	4,30560	10,09184,60575	50	
	20	9,79876,77793	2,60126	9,89057,07816	1,70425	9,90819,69977	4,30552	10,09180,30023	40	
	30	9,79879,37893	2,60100	9,89055,37373	1,70443	9,90824,00519	4,30542	10,09175,99481	30	
	40	9,79881,97967	2,60074	9,89053,66914	1,70459	9,90828,31053	4,30534	10,09171,68947	20	
	50	9,79884,58016	2,60049	9,89051,96438	1,70476	9,90832,61578	4,30525	10,09167,38422	10	
60	0	9,79887,18039	2,60023	9,89050,25945	1,70493	9,90836,92094	4,30516	10,09163,07906	0	0
		Sin. Comple.	2,59997	SINVVM	1,70510	Tang. compl.	4,30507	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,79887,18039		9,89050,25945		9,90836,92094		10,09163,07906	0	60
	10	9,79889,78036	2,59997	9,89048,55435	1,70510	9,90841,22601	4,30507	10,09158,77399	50	
	20	9,79892,38007	2,59971	9,89046,84908	1,70527	9,90845,53099	4,30498	10,09154,46901	40	
	30	9,79894,97952	2,59945	9,89045,14364	1,70544	9,90849,83588	4,30489	10,09150,16412	30	
	40	9,79897,57872	2,59920	9,89043,43803	1,70561	9,90854,14069	4,30481	10,09145,85931	20	
	50	9,79900,17766	2,59894	9,89041,73226	1,70577	9,90858,44541	4,30472	10,09141,55459	10	
1	0	9,79902,77634	2,59868	9,89040,02631	1,70595	9,90862,75003	4,30462	10,09137,24997	0	59
	10	9,79905,37477	2,59843	9,89038,32020	1,70611	9,90867,05457	4,30454	10,09132,94543	50	
	20	9,79907,97294	2,59817	9,89036,61391	1,70629	9,90871,35902	4,30445	10,09128,64098	40	
	30	9,79910,57085	2,59791	9,89034,90746	1,70645	9,90875,66339	4,30437	10,09124,33661	30	
	40	9,79913,16850	2,59765	9,89033,20084	1,70662	9,90879,96766	4,30427	10,09120,03234	20	
	50	9,79915,76589	2,59739	9,89031,49405	1,70679	9,90884,27185	4,30419	10,09115,72815	10	
2	0	9,79918,36303	2,59714	9,89029,78709	1,70696	9,90888,57594	4,30409	10,09111,42406	0	58
	10	9,79920,95991	2,59688	9,89028,07996	1,70713	9,90892,87995	4,30401	10,09107,12005	50	
	20	9,79923,55653	2,59662	9,89026,37266	1,70730	9,90897,18388	4,30393	10,09102,81612	40	
	30	9,79926,15290	2,59637	9,89024,66519	1,70747	9,90901,48771	4,30383	10,09098,51229	30	
	40	9,79928,74901	2,59611	9,89022,95755	1,70764	9,90905,79145	4,30374	10,09094,20855	20	
	50	9,79931,34486	2,59585	9,89021,24975	1,70780	9,90910,09511	4,30366	10,09089,90489	10	
3	0	9,79933,94045	2,59559	9,89019,54177	1,70798	9,90914,39868	4,30357	10,09085,60132	0	57
	10	9,79936,53579	2,59534	9,89017,83363	1,70814	9,90918,70216	4,30348	10,09081,29784	50	
	20	9,79939,13087	2,59508	9,89016,12531	1,70832	9,90923,00556	4,30340	10,09076,99444	40	
	30	9,79941,72569	2,59482	9,89014,41683	1,70848	9,90927,30886	4,30330	10,09072,69114	30	
	40	9,79944,32025	2,59456	9,89012,70818	1,70865	9,90931,61208	4,30322	10,09068,38792	20	
	50	9,79946,91456	2,59431	9,89010,99935	1,70883	9,90935,91521	4,30313	10,09064,08479	10	
4	0	9,79949,50861	2,59405	9,89009,29036	1,70899	9,90940,21825	4,30304	10,09059,78175	0	56
	10	9,79952,10241	2,59380	9,89007,58120	1,70916	9,90944,52121	4,30296	10,09055,47879	50	
	20	9,79954,69595	2,59354	9,89005,87187	1,70933	9,90948,82407	4,30286	10,09051,17593	40	
	30	9,79957,28923	2,59328	9,89004,16237	1,70950	9,90953,12685	4,30278	10,09046,87315	30	
	40	9,79959,88225	2,59302	9,89002,45270	1,70967	9,90957,42954	4,30269	10,09042,57046	20	
	50	9,79962,47501	2,59276	9,89000,74287	1,70983	9,90961,73215	4,30261	10,09038,26785	10	
5	0	9,79965,06752	2,59251	9,88999,03286	1,71001	9,90966,03466	4,30251	10,09033,96534	0	55
	10	9,79967,65978	2,59226	9,88997,32268	1,71018	9,90970,33709	4,30243	10,09029,66291	50	
	20	9,79970,25177	2,59199	9,88995,61234	1,71034	9,90974,63944	4,30235	10,09025,36056	40	
	30	9,79972,84351	2,59174	9,88993,90182	1,71052	9,90978,94169	4,30225	10,09021,05831	30	
	40	9,79975,43499	2,59148	9,88992,19113	1,71069	9,90983,24386	4,30217	10,09016,75614	20	
	50	9,79978,02622	2,59123	9,88990,48028	1,71085	9,90987,54594	4,30208	10,09012,45406	10	
6	0	9,79980,61719	2,59097	9,88988,76926	1,71102	9,90991,84793	4,30199	10,09008,15207	0	54
	10	9,79983,20790	2,59071	9,88987,05806	1,71120	9,90996,14984	4,30191	10,09003,85016	50	
	20	9,79985,79836	2,59046	9,88985,34670	1,71136	9,91000,45166	4,30182	10,08999,54834	40	
	30	9,79988,38856	2,59020	9,88983,63517	1,71153	9,91004,75339	4,30173	10,08995,24661	30	
	40	9,79990,97850	2,58994	9,88981,92346	1,71171	9,91009,05503	4,30164	10,08990,94497	20	
	50	9,79993,56818	2,58968	9,88980,21159	1,71187	9,91013,35659	4,30156	10,08986,64341	10	
7	0	9,79996,15761	2,58943	9,88978,49955	1,71204	9,91017,65806	4,30147	10,08982,34194	0	53
	10	9,79998,74679	2,58918	9,88976,78734	1,71221	9,91021,95945	4,30139	10,08978,04055	50	
	20	9,80001,33570	2,58891	9,88975,07496	1,71238	9,91026,26074	4,30129	10,08973,73926	40	
	30	9,80003,92436	2,58866	9,88973,36241	1,71255	9,91030,56195	4,30121	10,08969,43805	30	
	40	9,80006,51277	2,58841	9,88971,64969	1,71272	9,91034,86308	4,30113	10,08965,13692	20	
	50	9,80009,10092	2,58815	9,88969,93680	1,71289	9,91039,16412	4,30104	10,08960,83588	10	
8	0	9,80011,68881	2,58789	9,88968,22374	1,71306	9,91043,46507	4,30095	10,08956,53493	0	52
	10	9,80014,27644	2,58763	9,88966,51051	1,71323	9,91047,76593	4,30086	10,08952,23407	50	
	20	9,80016,86382	2,58738	9,88964,79711	1,71340	9,91052,06671	4,30078	10,08947,93329	40	
	30	9,80019,45094	2,58712	9,88963,08355	1,71356	9,91056,36740	4,30069	10,08943,63260	30	
	40	9,80022,03781	2,58687	9,88961,36981	1,71374	9,91060,66800	4,30060	10,08939,33200	20	
	50	9,80024,62442	2,58661	9,88959,65590	1,71391	9,91064,96852	4,30052	10,08935,03148	10	
9	0	9,80027,21077	2,58635	9,88957,94182	1,71408	9,91069,26895	4,30043	10,08930,73105	0	51
	10	9,80029,79687	2,58610	9,88956,22758	1,71424	9,91073,56929	4,30034	10,08926,43071	50	
	20	9,80032,38271	2,58584	9,88954,51316	1,71442	9,91077,86955	4,30026	10,08922,13045	40	
	30	9,80034,96830	2,58559	9,88952,79857	1,71459	9,91082,16973	4,30018	10,08917,83027	30	
	40	9,80037,55363	2,58533	9,88951,08382	1,71475	9,91086,46981	4,30008	10,08913,53019	20	
	50	9,80040,13870	2,58507	9,88949,36889	1,71493	9,91090,76981	4,30000	10,08909,23019	10	
10	0	9,80042,72352	2,58482	9,88947,65380	1,71509	9,91095,06973	4,29992	10,08904,93027	0	50
		Sin. Comple.	2,58456	SINVVM	1,71527	Tang. compl.	4,29982	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,80042,72352		9,88947,65380		9,91095,06973		10,08904,93027	0	50
	10	9,80045,30808	2,58456	9,88945,93853	1,71527	9,91099,36955	4,29982	10,08900,63045	50	
	20	9,80047,89239	2,58431	9,88944,22310	1,71543	9,91103,66930	4,29975	10,08896,33070	40	
	30	9,80050,47644	2,58405	9,88942,50749	1,71561	9,91107,96895	4,29965	10,08892,03105	30	
	40	9,80053,06024	2,58380	9,88940,79171	1,71578	9,91112,26852	4,29957	10,08887,73148	20	
	50	9,80055,64377	2,58353	9,88939,07577	1,71594	9,91116,56800	4,29948	10,08883,43200	10	
11	0	9,80058,22706	2,58329	9,88937,35965	1,71612	9,91120,86740	4,29940	10,08879,13260	0	49
	10	9,80060,81008	2,58302	9,88935,64337	1,71628	9,91125,16671	4,29931	10,08874,83329	50	
	20	9,80063,39286	2,58278	9,88933,92692	1,71645	9,91129,46594	4,29923	10,08870,53406	40	
	30	9,80065,97537	2,58251	9,88932,21029	1,71663	9,91133,76508	4,29914	10,08866,23492	30	
	40	9,80068,55763	2,58226	9,88930,49350	1,71679	9,91138,06414	4,29906	10,08861,93586	20	
	50	9,80071,13964	2,58201	9,88928,77653	1,71697	9,91142,36311	4,29897	10,08857,63689	10	
12	0	9,80073,72139	2,58175	9,88927,05940	1,71713	9,91146,66199	4,29888	10,08853,33801	0	48
	10	9,80076,30288	2,58149	9,88925,34209	1,71731	9,91150,96079	4,29880	10,08849,03921	50	
	20	9,80078,88412	2,58124	9,88923,62462	1,71747	9,91155,25950	4,29871	10,08844,74050	40	
	30	9,80081,46510	2,58098	9,88921,90697	1,71765	9,91159,55813	4,29863	10,08840,44187	30	
	40	9,80084,04583	2,58073	9,88920,18916	1,71781	9,91163,85667	4,29854	10,08836,14333	20	
	50	9,80086,62630	2,58047	9,88918,47118	1,71798	9,91168,15513	4,29846	10,08831,84487	10	
13	0	9,80089,20652	2,58022	9,88916,75302	1,71816	9,91172,45350	4,29837	10,08827,54650	0	47
	10	9,80091,78648	2,57996	9,88915,03470	1,71832	9,91176,75178	4,29828	10,08823,24822	50	
	20	9,80094,36618	2,57970	9,88913,31620	1,71850	9,91181,04998	4,29820	10,08818,95002	40	
	30	9,80096,94563	2,57945	9,88911,59754	1,71866	9,91185,34810	4,29812	10,08814,65190	30	
	40	9,80099,52483	2,57920	9,88909,87870	1,71884	9,91189,64613	4,29803	10,08810,35387	20	
	50	9,80102,10377	2,57894	9,88908,15970	1,71900	9,91193,94407	4,29794	10,08806,05593	10	
14	0	9,80104,68245	2,57868	9,88906,44052	1,71918	9,91198,24193	4,29786	10,08801,75807	0	46
	10	9,80107,26088	2,57843	9,88904,72118	1,71934	9,91202,53971	4,29778	10,08797,46029	50	
	20	9,80109,83906	2,57818	9,88903,00166	1,71952	9,91206,83740	4,29769	10,08793,16260	40	
	30	9,80112,41698	2,57792	9,88901,28198	1,71968	9,91211,13500	4,29760	10,08788,86500	30	
	40	9,80114,99464	2,57766	9,88899,56212	1,71986	9,91215,43252	4,29752	10,08784,56748	20	
	50	9,80117,57205	2,57741	9,88897,84209	1,72003	9,91219,72996	4,29744	10,08780,27004	10	
15	0	9,80120,14920	2,57715	9,88896,12190	1,72019	9,91224,02731	4,29735	10,08775,97269	0	45
	10	9,80122,72610	2,57690	9,88894,40153	1,72037	9,91228,32457	4,29726	10,08771,67543	50	
	20	9,80125,30275	2,57665	9,88892,68099	1,72054	9,91232,62175	4,29718	10,08767,37825	40	
	30	9,80127,87914	2,57639	9,88890,96029	1,72070	9,91236,91885	4,29710	10,08763,08115	30	
	40	9,80130,45527	2,57613	9,88888,23941	1,72088	9,91241,21586	4,29701	10,08758,78414	20	
	50	9,80133,03115	2,57588	9,88887,51836	1,72105	9,91245,51279	4,29693	10,08754,48721	10	
16	0	9,80135,60678	2,57563	9,88885,79715	1,72121	9,91249,80963	4,29684	10,08750,19037	0	44
	10	9,80138,18215	2,57537	9,88884,07576	1,72139	9,91254,10639	4,29676	10,08745,89361	50	
	20	9,80140,75726	2,57511	9,88882,35420	1,72156	9,91258,40306	4,29667	10,08741,59694	40	
	30	9,80143,33212	2,57486	9,88880,63247	1,72173	9,91262,69965	4,29659	10,08737,30035	30	
	40	9,80145,90673	2,57461	9,88878,91057	1,72190	9,91266,99615	4,29650	10,08733,00385	20	
	50	9,80148,48108	2,57435	9,88877,18850	1,72207	9,91271,29257	4,29642	10,08728,70743	10	
17	0	9,80151,05517	2,57409	9,88875,46626	1,72224	9,91275,58891	4,29634	10,08724,41109	0	43
	10	9,80153,62901	2,57384	9,88873,74385	1,72241	9,91279,88516	4,29625	10,08720,11484	50	
	20	9,80156,20260	2,57359	9,88872,02127	1,72258	9,91284,18133	4,29617	10,08715,81867	40	
	30	9,80158,77593	2,57333	9,88870,29852	1,72275	9,91288,47741	4,29608	10,08711,52259	30	
	40	9,80161,34901	2,57308	9,88868,57560	1,72292	9,91292,77341	4,29600	10,08707,22659	20	
	50	9,80163,92184	2,57283	9,88866,85251	1,72309	9,91297,06933	4,29592	10,08702,93067	10	
18	0	9,80166,49440	2,57256	9,88865,12925	1,72326	9,91301,36516	4,29583	10,08698,63484	0	42
	10	9,80169,06672	2,57232	9,88863,40581	1,72344	9,91305,66090	4,29574	10,08694,33910	50	
	20	9,80171,63878	2,57206	9,88861,68221	1,72360	9,91309,95657	4,29567	10,08690,04343	40	
	30	9,80174,21058	2,57180	9,88859,95844	1,72377	9,91314,25215	4,29558	10,08685,74785	30	
	40	9,80176,78214	2,57156	9,88858,23449	1,72395	9,91318,54764	4,29549	10,08681,45236	20	
	50	9,80179,35343	2,57129	9,88856,51038	1,72411	9,91322,84305	4,29541	10,08677,15695	10	
19	0	9,80181,92447	2,57104	9,88854,78609	1,72429	9,91327,13838	4,29533	10,08672,86162	0	41
	10	9,80184,49526	2,57079	9,88853,06164	1,72445	9,91331,43363	4,29525	10,08668,56637	50	
	20	9,80187,06580	2,57054	9,88851,33701	1,72463	9,91335,72879	4,29516	10,08664,27121	40	
	30	9,80189,63608	2,57028	9,88849,61221	1,72480	9,91340,02386	4,29507	10,08659,97614	30	
	40	9,80192,20610	2,57002	9,88847,88725	1,72496	9,91344,31886	4,29500	10,08655,68114	20	
	50	9,80194,77587	2,56977	9,88846,16211	1,72514	9,91348,61376	4,29490	10,08651,38624	10	
20	0	9,80197,34539	2,56952	9,88844,43680	1,72531	9,91352,90859	4,29483	10,08647,09141	0	40
		Sin. Comple.	2,56927	SINVVM	1,72548	Tang. compl.	4,29474	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,80197,34539		9,88844,43680		9,91352,90859		10,08647,09141	0	40
	10	9,80199,91466	2,56927	9,88842,71132	1,72548	9,91357,20333	4,29474	10,08642,79667	50	
	20	9,80202,48366	2,56900	9,88840,98567	1,72565	9,91361,49799	4,29466	10,08638,50201	40	
	30	9,80205,05242	2,56876	9,88839,25985	1,72582	9,91365,79257	4,29458	10,08634,20743	30	
	40	9,80207,62092	2,56850	9,88837,53386	1,72599	9,91370,08706	4,29449	10,08629,91294	20	
	50	9,80210,18917	2,56825	9,88835,80770	1,72616	9,91374,38147	4,29441	10,08625,61853	10	
21	0	9,80212,75716	2,56799	9,88834,08137	1,72633	9,91378,67580	4,29433	10,08621,32420	0	39
	10	9,80215,32490	2,56774	9,88832,35486	1,72651	9,91382,97004	4,29424	10,08617,02996	50	
	20	9,80217,89239	2,56749	9,88830,62819	1,72667	9,91387,26420	4,29416	10,08612,73580	40	
	30	9,80220,45962	2,56723	9,88828,90134	1,72685	9,91391,55827	4,29407	10,08608,44173	30	
	40	9,80223,02660	2,56698	9,88827,17433	1,72701	9,91395,85227	4,29400	10,08604,14773	20	
	50	9,80225,59332	2,56672	9,88825,44714	1,72719	9,91400,14618	4,29391	10,08599,85382	10	
22	0	9,80228,15979	2,56647	9,88823,71978	1,72736	9,91404,44001	4,29383	10,08595,55999	0	38
	10	9,80230,72601	2,56622	9,88821,99226	1,72752	9,91408,73375	4,29374	10,08591,26625	50	
	20	9,80233,29197	2,56596	9,88820,26456	1,72770	9,91413,02741	4,29366	10,08586,97259	40	
	30	9,80235,85768	2,56571	9,88818,53669	1,72787	9,91417,32099	4,29358	10,08582,67901	30	
	40	9,80238,42313	2,56545	9,88816,80865	1,72804	9,91421,61449	4,29350	10,08578,38551	20	
	50	9,80240,98834	2,56521	9,88815,08044	1,72821	9,91425,90790	4,29341	10,08574,09210	10	
23	0	9,80243,55329	2,56495	9,88813,35206	1,72838	9,91430,20123	4,29333	10,08569,79877	0	37
	10	9,80246,11798	2,56469	9,88811,62350	1,72856	9,91434,49448	4,29325	10,08565,50552	50	
	20	9,80248,68242	2,56444	9,88809,89478	1,72872	9,91438,78764	4,29316	10,08561,21236	40	
	30	9,80251,24661	2,56419	9,88808,16588	1,72890	9,91443,08072	4,29308	10,08556,91928	30	
	40	9,80253,81054	2,56393	9,88806,43682	1,72906	9,91447,37372	4,29300	10,08552,62628	20	
	50	9,80256,37422	2,56368	9,88804,70758	1,72924	9,91451,66664	4,29292	10,08548,33336	10	
24	0	9,80258,93765	2,56343	9,88802,97818	1,72940	9,91455,95948	4,29284	10,08544,04052	0	36
	10	9,80261,50083	2,56318	9,88801,24860	1,72958	9,91460,25223	4,29275	10,08539,74777	50	
	20	9,80264,06375	2,56292	9,88799,51885	1,72975	9,91464,54490	4,29267	10,08535,45510	40	
	30	9,80266,62641	2,56266	9,88797,78893	1,72992	9,91468,83749	4,29259	10,08531,16251	30	
	40	9,80269,18883	2,56242	9,88796,05884	1,73009	9,91473,12999	4,29250	10,08526,87001	20	
	50	9,80271,75099	2,56216	9,88794,32857	1,73027	9,91477,42242	4,29243	10,08522,57758	10	
25	0	9,80274,31290	2,56191	9,88792,59814	1,73043	9,91481,71476	4,29234	10,08518,28524	0	35
	10	9,80276,87455	2,56165	9,88790,86754	1,73060	9,91486,00702	4,29226	10,08513,99298	50	
	20	9,80279,43595	2,56140	9,88789,13676	1,73078	9,91490,29919	4,29217	10,08509,70081	40	
	30	9,80281,99710	2,56115	9,88787,40581	1,73095	9,91494,59129	4,29210	10,08505,40871	30	
	40	9,80284,55800	2,56090	9,88785,67470	1,73111	9,91498,88330	4,29201	10,08501,11670	20	
	50	9,80287,11864	2,56064	9,88783,94341	1,73129	9,91503,17523	4,29193	10,08496,82477	10	
26	0	9,80289,67903	2,56039	9,88782,21195	1,73146	9,91507,46708	4,29185	10,08492,53292	0	34
	10	9,80292,23916	2,56013	9,88780,48032	1,73163	9,91511,75885	4,29177	10,08488,24115	50	
	20	9,80294,79905	2,55989	9,88778,74852	1,73180	9,91516,05053	4,29168	10,08483,94947	40	
	30	9,80297,35868	2,55963	9,88777,01654	1,73198	9,91520,34213	4,29160	10,08479,65787	30	
	40	9,80299,91805	2,55937	9,88775,28440	1,73214	9,91524,63366	4,29153	10,08475,36634	20	
	50	9,80302,47718	2,55913	9,88773,55208	1,73232	9,91528,92510	4,29144	10,08471,07490	10	
27	0	9,80305,03605	2,55887	9,88771,81960	1,73248	9,91533,21645	4,29135	10,08466,78355	0	33
	10	9,80307,59467	2,55862	9,88770,08694	1,73266	9,91537,50773	4,29128	10,08462,49227	50	
	20	9,80310,15303	2,55836	9,88768,35411	1,73283	9,91541,79893	4,29120	10,08458,20107	40	
	30	9,80312,71115	2,55812	9,88766,62111	1,73300	9,91546,09004	4,29111	10,08453,90996	30	
	40	9,80315,26901	2,55786	9,88764,88794	1,73317	9,91550,38107	4,29103	10,08449,61893	20	
	50	9,80317,82662	2,55761	9,88763,15459	1,73335	9,91554,67202	4,29095	10,08445,32798	10	
28	0	9,80320,38397	2,55735	9,88761,42108	1,73351	9,91558,96289	4,29087	10,08441,03711	0	32
	10	9,80322,94107	2,55710	9,88759,68740	1,73368	9,91563,25368	4,29079	10,08436,74632	50	
	20	9,80325,49792	2,55685	9,88757,95354	1,73386	9,91567,54438	4,29070	10,08432,45562	40	
	30	9,80328,05452	2,55660	9,88756,21951	1,73403	9,91571,83501	4,29063	10,08428,16499	30	
	40	9,80330,61086	2,55634	9,88754,48531	1,73420	9,91576,12555	4,29054	10,08423,87445	20	
	50	9,80333,16696	2,55610	9,88752,75094	1,73437	9,91580,41601	4,29046	10,08419,58399	10	
29	0	9,80335,72280	2,55584	9,88751,01640	1,73454	9,91584,70640	4,29039	10,08415,29360	0	31
	10	9,80338,27838	2,55558	9,88749,28169	1,73471	9,91588,99670	4,29030	10,08411,00330	50	
	20	9,80340,83372	2,55534	9,88747,54680	1,73489	9,91593,28692	4,29022	10,08406,71308	40	
	30	9,80343,38880	2,55508	9,88745,81175	1,73505	9,91597,57705	4,29013	10,08402,42295	30	
	40	9,80345,94363	2,55483	9,88744,07652	1,73523	9,91601,86711	4,29006	10,08398,13289	20	
	50	9,80348,49821	2,55458	9,88742,34112	1,73540	9,91606,15709	4,28998	10,08393,84291	10	
30	0	9,80351,05253	2,55432	9,88740,60555	1,73557	9,91610,44698	4,28989	10,08389,55302	0	30
			2,55407		1,73574		4,28982			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,80351,05253		9,88740,60555		9,91610,44698		10,08389,55302	0	30
	10	9,80353,60660	2,55407	9,88738,86981	1,73574	9,91614,73680	4,28982	10,08385,26320	50	
	20	9,80356,16042	2,55382	9,88737,13389	1,73592	9,91619,02653	4,28973	10,08380,97347	40	
	30	9,80358,71399	2,55357	9,88735,39781	1,73608	9,91623,31618	4,28965	10,08376,68382	30	
	40	9,80361,26731	2,55332	9,88733,66155	1,73626	9,91627,60575	4,28957	10,08372,39425	20	
	50	9,80363,82037	2,55306	9,88731,92513	1,73642	9,91631,89525	4,28950	10,08368,10475	10	
31	0	9,80366,37318	2,55281	9,88730,18853	1,73660	9,91636,18466	4,28941	10,08363,81534	0	29
	10	9,80368,92574	2,55256	9,88728,45176	1,73677	9,91640,47399	4,28933	10,08359,52601	50	
	20	9,80371,47805	2,55231	9,88726,71481	1,73695	9,91644,76324	4,28925	10,08355,23676	40	
	30	9,80374,03011	2,55206	9,88724,97770	1,73711	9,91649,05241	4,28917	10,08350,94759	30	
	40	9,80376,58191	2,55180	9,88723,24042	1,73728	9,91653,34149	4,28908	10,08346,65851	20	
	50	9,80379,13346	2,55155	9,88721,50296	1,73746	9,91657,63050	4,28901	10,08342,36950	10	
32	0	9,80381,68476	2,55130	9,88719,76533	1,73763	9,91661,91943	4,28893	10,08338,08057	0	28
	10	9,80384,23581	2,55105	9,88718,02753	1,73780	9,91666,20828	4,28885	10,08333,79172	50	
	20	9,80386,78660	2,55079	9,88716,28956	1,73797	9,91670,49705	4,28877	10,08329,50295	40	
	30	9,80389,33715	2,55055	9,88714,55141	1,73815	9,91674,78573	4,28868	10,08325,21427	30	
	40	9,80391,88744	2,55029	9,88712,81310	1,73831	9,91679,07434	4,28861	10,08320,92566	20	
	50	9,80394,43748	2,55004	9,88711,07461	1,73849	9,91683,36287	4,28853	10,08316,63713	10	
33	0	9,80396,98727	2,54979	9,88709,33595	1,73866	9,91687,65131	4,28844	10,08312,34869	0	27
	10	9,80399,53680	2,54953	9,88707,59712	1,73883	9,91691,93968	4,28837	10,08308,06032	50	
	20	9,80402,08609	2,54929	9,88705,85812	1,73900	9,91696,22797	4,28829	10,08303,77203	40	
	30	9,80404,63512	2,54903	9,88704,11895	1,73917	9,91700,51617	4,28820	10,08299,48383	30	
	40	9,80407,18390	2,54878	9,88702,37960	1,73935	9,91704,80430	4,28813	10,08295,19570	20	
	50	9,80409,73243	2,54853	9,88700,64009	1,73951	9,91709,09235	4,28805	10,08290,90765	10	
34	0	9,80412,28071	2,54828	9,88698,90040	1,73969	9,91713,38031	4,28796	10,08286,61969	0	26
	10	9,80414,82874	2,54803	9,88697,16054	1,73986	9,91717,66820	4,28789	10,08282,33180	50	
	20	9,80417,37651	2,54777	9,88695,42051	1,74003	9,91721,95601	4,28781	10,08278,04399	40	
	30	9,80419,92404	2,54753	9,88693,68030	1,74021	9,91726,24373	4,28772	10,08273,75627	30	
	40	9,80422,47131	2,54727	9,88691,93993	1,74037	9,91730,53138	4,28765	10,08269,46862	20	
	50	9,80425,01833	2,54702	9,88690,19938	1,74055	9,91734,81895	4,28757	10,08265,18105	10	
35	0	9,80427,56510	2,54677	9,88688,45866	1,74072	9,91739,10644	4,28749	10,08260,89356	0	25
	10	9,80430,11161	2,54651	9,88686,71777	1,74089	9,91743,39385	4,28741	10,08256,60615	50	
	20	9,80432,65788	2,54627	9,88684,97670	1,74107	9,91747,68118	4,28733	10,08252,31882	40	
	30	9,80435,20390	2,54602	9,88683,23547	1,74123	9,91751,96843	4,28725	10,08248,03157	30	
	40	9,80437,74966	2,54576	9,88681,49406	1,74141	9,91756,25560	4,28717	10,08243,74440	20	
	50	9,80440,29517	2,54551	9,88679,75248	1,74158	9,91760,54269	4,28709	10,08239,45731	10	
36	0	9,80442,84043	2,54526	9,88678,01073	1,74175	9,91764,82970	4,28701	10,08235,17030	0	24
	10	9,80445,38544	2,54501	9,88676,26881	1,74192	9,91769,11663	4,28693	10,08230,88337	50	
	20	9,80447,93020	2,54476	9,88674,52671	1,74210	9,91773,40349	4,28686	10,08226,59651	40	
	30	9,80450,47471	2,54451	9,88672,78445	1,74226	9,91777,69026	4,28677	10,08222,30974	30	
	40	9,80453,01896	2,54425	9,88671,04201	1,74244	9,91781,97696	4,28670	10,08218,02304	20	
	50	9,80455,56297	2,54401	9,88669,29940	1,74261	9,91786,26357	4,28661	10,08213,73643	10	
37	0	9,80458,10672	2,54375	9,88667,55662	1,74278	9,91790,55011	4,28654	10,08209,44989	0	23
	10	9,80460,65023	2,54351	9,88665,81366	1,74296	9,91794,83657	4,28646	10,08205,16343	50	
	20	9,80463,19348	2,54325	9,88664,07053	1,74313	9,91799,12294	4,28637	10,08200,87706	40	
	30	9,80465,73648	2,54300	9,88662,32723	1,74330	9,91803,40924	4,28630	10,08196,59076	30	
	40	9,80468,27923	2,54275	9,88660,58376	1,74347	9,91807,69546	4,28622	10,08192,30454	20	
	50	9,80470,82173	2,54250	9,88658,84012	1,74364	9,91811,98161	4,28615	10,08188,01839	10	
38	0	9,80473,36398	2,54225	9,88657,09631	1,74381	9,91816,26767	4,28606	10,08183,73233	0	22
	10	9,80475,90597	2,54199	9,88655,35232	1,74399	9,91820,55365	4,28598	10,08179,44635	50	
	20	9,80478,44772	2,54175	9,88653,60816	1,74416	9,91824,83956	4,28591	10,08175,16044	40	
	30	9,80480,98921	2,54149	9,88651,86383	1,74433	9,91829,12539	4,28583	10,08170,87461	30	
	40	9,80483,53046	2,54125	9,88650,11932	1,74451	9,91833,41114	4,28575	10,08166,58886	20	
	50	9,80486,07145	2,54099	9,88648,37465	1,74467	9,91837,69680	4,28566	10,08162,30320	10	
39	0	9,80488,61220	2,54075	9,88646,62980	1,74485	9,91841,98240	4,28560	10,08158,01760	0	21
	10	9,80491,15269	2,54049	9,88644,88478	1,74502	9,91846,26791	4,28551	10,08153,73209	50	
	20	9,80493,69293	2,54024	9,88643,13959	1,74519	9,91850,55334	4,28543	10,08149,44666	40	
	30	9,80496,23292	2,53999	9,88641,39422	1,74537	9,91854,83870	4,28536	10,08145,16130	30	
	40	9,80498,77266	2,53974	9,88639,64869	1,74553	9,91859,12398	4,28528	10,08140,87602	20	
	50	9,80501,31215	2,53949	9,88637,90298	1,74571	9,91863,40917	4,28519	10,08136,59083	10	
40	0	9,80503,85139	2,53924	9,88636,15710	1,74588	9,91867,69430	4,28513	10,08132,30570	0	20
		Sin. Comple.	2,53899	SINVVM	1,74606	Tang. compl.	4,28504	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,80503,85139		9,88636,15710		9,91867,69430		10,08132,30570	0	20
	10	9,80506,39038	2,53899	9,88634,41104	1,74606	9,91871,97934	4,28504	10,08128,02066	50	
	20	9,80508,92912	2,53874	9,88632,66482	1,74622	9,91876,26430	4,28496	10,08123,73570	40	
	30	9,80511,46761	2,53849	9,88630,91842	1,74640	9,91880,54919	4,28489	10,08119,45081	30	
	40	9,80514,00585	2,53824	9,88629,17185	1,74657	9,91884,83400	4,28481	10,08115,16600	20	
	50	9,80516,54383	2,53798	9,88627,42511	1,74674	9,91889,11873	4,28473	10,08110,88127	10	
41	0	9,80519,08157	2,53774	9,88625,67819	1,74692	9,91893,40338	4,28465	10,08106,59662	0	19
	10	9,80521,61906	2,53749	9,88623,93110	1,74709	9,91897,68795	4,28457	10,08102,31205	50	
	20	9,80524,15629	2,53723	9,88622,18384	1,74726	9,91901,97245	4,28450	10,08098,02755	40	
	30	9,80526,69328	2,53699	9,88620,43641	1,74743	9,91906,25687	4,28442	10,08093,74313	30	
	40	9,80529,23001	2,53673	9,88618,68881	1,74760	9,91910,54121	4,28434	10,08089,45879	20	
	50	9,80531,76650	2,53649	9,88616,94103	1,74778	9,91914,82547	4,28426	10,08085,17453	10	
42	0	9,80534,30273	2,53623	9,88615,19308	1,74795	9,91919,10965	4,28418	10,08080,89035	0	18
	10	9,80536,83872	2,53599	9,88613,44496	1,74812	9,91923,39376	4,28411	10,08076,60624	50	
	20	9,80539,37445	2,53573	9,88611,69667	1,74829	9,91927,67779	4,28403	10,08072,32221	40	
	30	9,80541,90994	2,53549	9,88609,94820	1,74847	9,91931,96174	4,28395	10,08068,03826	30	
	40	9,80544,44517	2,53523	9,88608,19956	1,74864	9,91936,24561	4,28387	10,08063,75439	20	
	50	9,80546,98016	2,53499	9,88606,45075	1,74881	9,91940,52941	4,28380	10,08059,47059	10	
43	0	9,80549,51489	2,53473	9,88604,70176	1,74899	9,91944,81313	4,28372	10,08055,18687	0	17
	10	9,80552,04938	2,53449	9,88602,95261	1,74915	9,91949,09677	4,28364	10,08050,90323	50	
	20	9,80554,58361	2,53423	9,88601,20328	1,74933	9,91953,38033	4,28356	10,08046,61967	40	
	30	9,80557,11759	2,53398	9,88599,45378	1,74950	9,91957,66382	4,28349	10,08042,33618	30	
	40	9,80559,65133	2,53374	9,88597,70410	1,74968	9,91961,94723	4,28341	10,08038,05277	20	
	50	9,80562,18481	2,53348	9,88595,95425	1,74985	9,91966,23056	4,28333	10,08033,76944	10	
44	0	9,80564,71805	2,53324	9,88594,20423	1,75002	9,91970,51381	4,28325	10,08029,48619	0	16
	10	9,80567,25103	2,53298	9,88592,45404	1,75019	9,91974,79699	4,28318	10,08025,20301	50	
	20	9,80569,78377	2,53274	9,88590,70368	1,75036	9,91979,08009	4,28310	10,08020,91991	40	
	30	9,80572,31625	2,53248	9,88588,95314	1,75054	9,91983,36311	4,28302	10,08016,63689	30	
	40	9,80574,84849	2,53224	9,88587,20243	1,75071	9,91987,64606	4,28295	10,08012,35394	20	
	50	9,80577,38048	2,53199	9,88585,45155	1,75088	9,91991,92893	4,28287	10,08008,07107	10	
45	0	9,80579,91221	2,53173	9,88583,70049	1,75106	9,91996,21172	4,28279	10,08003,78828	0	15
	10	9,80582,44370	2,53149	9,88581,94926	1,75123	9,92000,49444	4,28272	10,07999,50556	50	
	20	9,80584,97494	2,53124	9,88580,19786	1,75140	9,92004,77707	4,28263	10,07995,22293	40	
	30	9,80587,50592	2,53098	9,88578,44629	1,75157	9,92009,05963	4,28256	10,07990,94037	30	
	40	9,80590,03666	2,53074	9,88576,69454	1,75175	9,92013,34212	4,28249	10,07986,65788	20	
	50	9,80592,56715	2,53049	9,88574,94262	1,75192	9,92017,62453	4,28241	10,07982,37547	10	
46	0	9,80595,09739	2,53024	9,88573,19053	1,75209	9,92021,90686	4,28233	10,07978,09314	0	14
	10	9,80597,62738	2,52999	9,88571,43827	1,75226	9,92026,18911	4,28225	10,07973,81089	50	
	20	9,80600,15712	2,52974	9,88569,68583	1,75244	9,92030,47129	4,28218	10,07969,52871	40	
	30	9,80602,68661	2,52949	9,88567,93322	1,75261	9,92034,75339	4,28210	10,07965,24661	30	
	40	9,80605,21585	2,52924	9,88566,18044	1,75278	9,92039,03541	4,28202	10,07960,96459	20	
	50	9,80607,74484	2,52899	9,88564,42748	1,75296	9,92043,31736	4,28195	10,07956,68264	10	
47	0	9,80610,27358	2,52874	9,88562,67435	1,75313	9,92047,59923	4,28187	10,07952,40077	0	13
	10	9,80612,80208	2,52850	9,88560,92105	1,75330	9,92051,88102	4,28179	10,07948,11898	50	
	20	9,80615,33032	2,52824	9,88559,16758	1,75347	9,92056,16274	4,28172	10,07943,83726	40	
	30	9,80617,85832	2,52800	9,88557,41393	1,75365	9,92060,44438	4,28164	10,07939,55562	30	
	40	9,80620,38606	2,52774	9,88555,66011	1,75382	9,92064,72595	4,28157	10,07935,27405	20	
	50	9,80622,91356	2,52750	9,88553,90612	1,75399	9,92069,00744	4,28149	10,07930,99256	10	
48	0	9,80625,44080	2,52724	9,88552,15195	1,75417	9,92073,28885	4,28141	10,07926,71115	0	12
	10	9,80627,96780	2,52700	9,88550,39761	1,75434	9,92077,57019	4,28134	10,07922,42981	50	
	20	9,80630,49455	2,52675	9,88548,64310	1,75451	9,92081,85145	4,28126	10,07918,14855	40	
	30	9,80633,02105	2,52650	9,88546,88842	1,75468	9,92086,13263	4,28118	10,07913,86737	30	
	40	9,80635,54730	2,52625	9,88545,13356	1,75486	9,92090,41374	4,28111	10,07909,58626	20	
	50	9,80638,07330	2,52600	9,88543,37853	1,75503	9,92094,69477	4,28103	10,07905,30523	10	
49	0	9,80640,59906	2,52576	9,88541,62332	1,75521	9,92098,97573	4,28096	10,07901,02427	0	11
	10	9,80643,12456	2,52550	9,88539,86795	1,75537	9,92103,25661	4,28088	10,07896,74339	50	
	20	9,80645,64981	2,52525	9,88538,11240	1,75555	9,92107,53742	4,28081	10,07892,46258	40	
	30	9,80648,17482	2,52501	9,88536,35668	1,75572	9,92111,81814	4,28072	10,07888,18186	30	
	40	9,80650,69958	2,52476	9,88534,60078	1,75590	9,92116,09880	4,28066	10,07883,90120	20	
	50	9,80653,22409	2,52451	9,88532,84471	1,75607	9,92120,37938	4,28058	10,07879,62062	10	
50	0	9,80655,74835	2,52426	9,88531,08847	1,75624	9,92124,65988	4,28050	10,07875,34012	0	10
			2,52401		1,75642		4,28042			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,80655,74835	2,52401	9,88531,08847	1,75642	9,92124,65988	4,28042	10,07875,34012	0	10
	10	9,80658,27236	2,52376	9,88529,33205	1,75658	9,92128,94030	4,28035	10,07871,05970	50	
	20	9,80660,79612	2,52351	9,88527,57547	1,75677	9,92133,22065	4,28028	10,07866,77935	40	
	30	9,80663,31963	2,52327	9,88525,81870	1,75693	9,92137,50093	4,28020	10,07862,49907	30	
	40	9,80665,84290	2,52301	9,88524,06177	1,75711	9,92141,78113	4,28012	10,07858,21887	20	
	50	9,80668,36591	2,52277	9,88522,30466	1,75728	9,92146,06125	4,28005	10,07853,93875	10	
51	0	9,80670,88868	2,52252	9,88520,54738	1,75745	9,92150,34130	4,27997	10,07849,65870	0	9
	10	9,80673,41120	2,52227	9,88518,78993	1,75763	9,92154,62127	4,27990	10,07845,37873	50	
	20	9,80675,93347	2,52202	9,88517,03230	1,75780	9,92158,90117	4,27982	10,07841,09883	40	
	30	9,80678,45549	2,52177	9,88515,27450	1,75798	9,92163,18099	4,27975	10,07836,81901	30	
	40	9,80680,97726	2,52153	9,88513,51652	1,75814	9,92167,46074	4,27967	10,07832,53926	20	
	50	9,80683,49879	2,52127	9,88511,75838	1,75832	9,92171,74041	4,27959	10,07828,25959	10	
52	0	9,80686,02006	2,52103	9,88510,00006	1,75850	9,92176,02000	4,27952	10,07823,98000	0	8
	10	9,80688,54109	2,52078	9,88508,24156	1,75866	9,92180,29952	4,27945	10,07819,70048	50	
	20	9,80691,06187	2,52053	9,88506,48290	1,75884	9,92184,57897	4,27937	10,07815,42103	40	
	30	9,80693,58240	2,52028	9,88504,72406	1,75902	9,92188,85834	4,27930	10,07811,14166	30	
	40	9,80696,10268	2,52003	9,88502,96504	1,75918	9,92193,13764	4,27922	10,07806,86236	20	
	50	9,80698,62271	2,51979	9,88501,20586	1,75936	9,92197,41686	4,27914	10,07802,58314	10	
53	0	9,80701,14250	2,51954	9,88499,44650	1,75954	9,92201,69600	4,27907	10,07798,30400	0	7
	10	9,80703,66204	2,51929	9,88497,68696	1,75970	9,92205,97507	4,27900	10,07794,02493	50	
	20	9,80706,18133	2,51904	9,88495,92726	1,75988	9,92210,25407	4,27892	10,07789,74593	40	
	30	9,80708,70037	2,51879	9,88494,16738	1,76006	9,92214,53299	4,27885	10,07785,46701	30	
	40	9,80711,21916	2,51855	9,88492,40732	1,76022	9,92218,81184	4,27877	10,07781,18816	20	
	50	9,80713,73771	2,51829	9,88490,64710	1,76041	9,92223,09061	4,27870	10,07776,90939	10	
54	0	9,80716,25600	2,51805	9,88488,88669	1,76057	9,92227,36931	4,27862	10,07772,63069	0	6
	10	9,80718,77405	2,51780	9,88487,12612	1,76075	9,92231,64793	4,27855	10,07768,35207	50	
	20	9,80721,29185	2,51755	9,88485,36537	1,76092	9,92235,92648	4,27847	10,07764,07352	40	
	30	9,80723,80940	2,51731	9,88483,60445	1,76109	9,92240,20495	4,27840	10,07759,79505	30	
	40	9,80726,32671	2,51705	9,88481,84336	1,76127	9,92244,48335	4,27832	10,07755,51665	20	
	50	9,80728,84376	2,51681	9,88480,08209	1,76144	9,92248,76167	4,27825	10,07751,23833	10	
55	0	9,80731,36057	2,51656	9,88478,32065	1,76162	9,92253,03992	4,27818	10,07746,96008	0	5
	10	9,80733,87713	2,51632	9,88476,55903	1,76178	9,92257,31810	4,27810	10,07742,68190	50	
	20	9,80736,39345	2,51606	9,88474,79725	1,76197	9,92261,59620	4,27803	10,07738,40380	40	
	30	9,80738,90951	2,51582	9,88473,03528	1,76213	9,92265,87423	4,27795	10,07734,12577	30	
	40	9,80741,42533	2,51557	9,88471,27315	1,76231	9,92270,15218	4,27788	10,07729,84782	20	
	50	9,80743,94090	2,51532	9,88469,51084	1,76248	9,92274,43006	4,27780	10,07725,56994	10	
56	0	9,80746,45622	2,51507	9,88467,74836	1,76266	9,92278,70786	4,27773	10,07721,29214	0	4
	10	9,80748,97129	2,51483	9,88465,98570	1,76283	9,92282,98559	4,27766	10,07717,01441	50	
	20	9,80751,48612	2,51458	9,88464,22287	1,76300	9,92287,26325	4,27758	10,07712,73675	40	
	30	9,80754,00070	2,51433	9,88462,45987	1,76318	9,92291,54083	4,27751	10,07708,45917	30	
	40	9,80756,51503	2,51408	9,88460,69669	1,76335	9,92295,81834	4,27743	10,07704,18166	20	
	50	9,80759,02911	2,51384	9,88458,93334	1,76353	9,92300,09577	4,27736	10,07699,90423	10	
57	0	9,80761,54295	2,51358	9,88457,16981	1,76369	9,92304,37313	4,27729	10,07695,62687	0	3
	10	9,80764,05653	2,51334	9,88455,40612	1,76388	9,92308,65042	4,27721	10,07691,34958	50	
	20	9,80766,56987	2,51310	9,88453,64224	1,76404	9,92312,92763	4,27714	10,07687,07237	40	
	30	9,80769,08297	2,51284	9,88451,87820	1,76422	9,92317,20477	4,27706	10,07682,79523	30	
	40	9,80771,59581	2,51260	9,88450,11398	1,76439	9,92321,48183	4,27699	10,07678,51817	20	
	50	9,80774,10841	2,51235	9,88448,34959	1,76457	9,92325,75882	4,27692	10,07674,24118	10	
58	0	9,80776,62076	2,51210	9,88446,58502	1,76474	9,92330,03574	4,27685	10,07669,96426	0	2
	10	9,80779,13286	2,51186	9,88444,82028	1,76492	9,92334,31259	4,27677	10,07665,68741	50	
	20	9,80781,64472	2,51161	9,88443,05536	1,76509	9,92338,58936	4,27669	10,07661,41064	40	
	30	9,80784,15633	2,51136	9,88441,29027	1,76526	9,92342,86605	4,27663	10,07657,13395	30	
	40	9,80786,66769	2,51111	9,88439,52501	1,76543	9,92347,14268	4,27655	10,07652,85732	20	
	50	9,80789,17880	2,51087	9,88437,75958	1,76561	9,92351,41923	4,27647	10,07648,58077	10	
59	0	9,80791,68967	2,51062	9,88435,99397	1,76579	9,92355,69570	4,27640	10,07644,30430	0	1
	10	9,80794,20029	2,51037	9,88434,22818	1,76596	9,92359,97210	4,27633	10,07640,02790	50	
	20	9,80796,71066	2,51012	9,88432,46222	1,76613	9,92364,24843	4,27626	10,07635,75157	40	
	30	9,80799,22078	2,50988	9,88430,69609	1,76630	9,92368,52469	4,27618	10,07631,47531	30	
	40	9,80801,73066	2,50963	9,88428,92979	1,76648	9,92372,80087	4,27611	10,07627,19913	20	
	50	9,80804,24029	2,50939	9,88427,16331	1,76665	9,92377,07698	4,27604	10,07622,92302	10	
60	0	9,80806,74968	2,50913	9,88425,39666	1,76683	9,92381,35302	4,27596	10,07618,64698	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,80806,74968		9,88425,39666		9,92381,35302		10,07618,64698	o	60
	10	9,80809,25881	2,50913	9,88423,62983	1,76683	9,92385,62898	4,27596	10,07614,37102	50	
	20	9,80811,76770	2,50889	9,88421,86283	1,76700	9,92389,90487	4,27589	10,07610,09513	40	
	30	9,80814,27634	2,50864	9,88420,09565	1,76718	9,92394,18069	4,27582	10,07605,81931	30	
	40	9,80816,78474	2,50840	9,88418,32830	1,76735	9,92398,45644	4,27575	10,07601,54356	20	
	50	9,80819,29289	2,50815	9,88416,56078	1,76752	9,92402,73211	4,27567	10,07597,26789	10	
1	0	9,80821,80079	2,50790	9,88414,79308	1,76770	9,92407,00771	4,27560	10,07592,99229	0	59
			2,50765		1,76787		4,27552			
	10	9,80824,30844	2,50741	9,88413,02521	1,76804	9,92411,28323	4,27546	10,07588,71677	50	
	20	9,80826,81585	2,50716	9,88411,25717	1,76822	9,92415,55869	4,27538	10,07584,44131	40	
	30	9,80829,32301	2,50692	9,88409,48895	1,76840	9,92419,83407	4,27530	10,07580,16593	30	
	40	9,80831,82993	2,50666	9,88407,72055	1,76856	9,92424,10937	4,27524	10,07575,89063	20	
	50	9,80834,33659	2,50642	9,88405,95199	1,76875	9,92428,38461	4,27516	10,07571,61539	10	
2	0	9,80836,84301	2,50618	9,88404,18324	1,76891	9,92432,65977	4,27509	10,07567,34023	0	58
	10	9,80839,34919	2,50593	9,88402,41433	1,76909	9,92436,93486	4,27502	10,07563,06514	50	
	20	9,80841,85512	2,50568	9,88400,64524	1,76927	9,92441,20988	4,27494	10,07558,79012	40	
	30	9,80844,36080	2,50543	9,88398,87597	1,76943	9,92445,48482	4,27487	10,07554,51518	30	
	40	9,80846,86623	2,50519	9,88397,10654	1,76962	9,92449,75969	4,27480	10,07550,24031	20	
	50	9,80849,37142	2,50494	9,88395,33692	1,76978	9,92454,03449	4,27473	10,07545,96551	10	
3	0	9,80851,87636	2,50469	9,88393,56714	1,76996	9,92458,30922	4,27466	10,07541,69078	0	57
	10	9,80854,38105	2,50445	9,88391,79718	1,77014	9,92462,58388	4,27458	10,07537,41612	50	
	20	9,80856,88550	2,50420	9,88390,02704	1,77031	9,92466,85846	4,27451	10,07533,14154	40	
	30	9,80859,38970	2,50396	9,88388,25673	1,77048	9,92471,13297	4,27444	10,07528,86703	30	
	40	9,80861,89366	2,50370	9,88386,48625	1,77066	9,92475,40741	4,27436	10,07524,59259	20	
	50	9,80864,39736	2,50347	9,88384,71559	1,77083	9,92479,68177	4,27430	10,07520,31823	10	
4	0	9,80866,90083	2,50321	9,88382,94476	1,77101	9,92483,95607	4,27422	10,07516,04393	0	56
	10	9,80869,40404	2,50297	9,88381,17375	1,77118	9,92488,23029	4,27415	10,07511,76971	50	
	20	9,80871,90701	2,50272	9,88379,40257	1,77135	9,92492,50444	4,27408	10,07507,49556	40	
	30	9,80874,40973	2,50248	9,88377,63122	1,77153	9,92496,77852	4,27400	10,07503,22148	30	
	40	9,80876,91221	2,50223	9,88375,85969	1,77171	9,92501,05252	4,27394	10,07498,94748	20	
	50	9,80879,41444	2,50198	9,88374,08798	1,77187	9,92505,32646	4,27386	10,07494,67354	10	
5	0	9,80881,91642	2,50174	9,88372,31611	1,77206	9,92509,60032	4,27379	10,07490,39968	0	55
	10	9,80884,41816	2,50149	9,88370,54405	1,77222	9,92513,87411	4,27372	10,07486,12589	50	
	20	9,80886,91965	2,50125	9,88368,77183	1,77240	9,92518,14783	4,27364	10,07481,85217	40	
	30	9,80889,42090	2,50100	9,88366,99943	1,77258	9,92522,42147	4,27358	10,07477,57853	30	
	40	9,80891,92190	2,50075	9,88365,22685	1,77275	9,92526,69505	4,27350	10,07473,30495	20	
	50	9,80894,42265	2,50051	9,88363,45410	1,77292	9,92530,96855	4,27343	10,07469,03145	10	
6	0	9,80896,92316	2,50026	9,88361,68118	1,77310	9,92535,24198	4,27336	10,07464,75802	0	54
	10	9,80899,42342	2,50002	9,88359,90808	1,77328	9,92539,51534	4,27329	10,07460,48466	50	
	20	9,80901,92344	2,49977	9,88358,13480	1,77344	9,92543,78863	4,27322	10,07456,21137	40	
	30	9,80904,42321	2,49952	9,88356,36136	1,77363	9,92548,06185	4,27315	10,07451,93815	30	
	40	9,80906,92273	2,49928	9,88354,58773	1,77379	9,92552,33500	4,27307	10,07447,66500	20	
	50	9,80909,42201	2,49903	9,88352,81394	1,77398	9,92556,60807	4,27300	10,07443,39193	10	
7	0	9,80911,92104	2,49878	9,88351,03996	1,77414	9,92560,88107	4,27294	10,07439,11893	0	53
	10	9,80914,41982	2,49854	9,88349,26582	1,77432	9,92565,15401	4,27286	10,07434,84599	50	
	20	9,80916,91836	2,49830	9,88347,49150	1,77450	9,92569,42687	4,27278	10,07430,57313	40	
	30	9,80919,41666	2,49805	9,88345,71700	1,77467	9,92573,69965	4,27272	10,07426,30035	30	
	40	9,80921,91471	2,49780	9,88343,94233	1,77484	9,92577,97237	4,27265	10,07422,02763	20	
	50	9,80924,41251	2,49755	9,88342,16749	1,77502	9,92582,24502	4,27258	10,07417,75498	10	
8	0	9,80926,91006	2,49732	9,88340,39247	1,77519	9,92586,51760	4,27250	10,07413,48240	0	52
	10	9,80929,40738	2,49706	9,88338,61728	1,77537	9,92590,79010	4,27243	10,07409,20990	50	
	20	9,80931,90444	2,49682	9,88336,84191	1,77554	9,92595,06253	4,27237	10,07404,93747	40	
	30	9,80934,40126	2,49658	9,88335,06637	1,77572	9,92599,33490	4,27229	10,07400,66510	30	
	40	9,80936,89784	2,49632	9,88333,29065	1,77589	9,92603,60719	4,27222	10,07396,39281	20	
	50	9,80939,39416	2,49609	9,88331,51476	1,77607	9,92607,87941	4,27215	10,07392,12059	10	
9	0	9,80941,89025	2,49583	9,88329,73869	1,77624	9,92612,15156	4,27208	10,07387,84844	0	51
	10	9,80944,38608	2,49560	9,88327,96245	1,77642	9,92616,42364	4,27201	10,07383,57636	50	
	20	9,80946,88168	2,49534	9,88326,18603	1,77659	9,92620,69565	4,27193	10,07379,30435	40	
	30	9,80949,37702	2,49510	9,88324,40944	1,77677	9,92624,96758	4,27187	10,07375,03242	30	
	40	9,80951,87212	2,49486	9,88322,63267	1,77694	9,92629,23945	4,27180	10,07370,76055	20	
	50	9,80954,36698	2,49461	9,88320,85573	1,77711	9,92633,51125	4,27172	10,07366,48875	10	
10	0	9,80956,86159	2,49436	9,88319,07862	1,77729	9,92637,78297	4,27166	10,07362,21703	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,80956,86159		9,88319,07862		9,92637,78297		10,07362,21703	0	50
	10	9,80959,35595	2,49436	9,88317,30133	1,77729	9,92642,05463	4,27166	10,07357,94537	50	
	20	9,80961,85007	2,49412	9,88315,52386	1,77747	9,92646,32621	4,27158	10,07353,67379	40	
	30	9,80964,34395	2,49388	9,88313,74622	1,77764	9,92650,59773	4,27152	10,07349,40227	30	
	40	9,80966,83758	2,49363	9,88311,96841	1,77781	9,92654,86917	4,27144	10,07345,13083	20	
	50	9,80969,33096	2,49338	9,88310,19042	1,77799	9,92659,14054	4,27137	10,07340,85946	10	
11	0	9,80971,82410	2,49314	9,88308,41225	1,77817	9,92663,41185	4,27131	10,07336,58815	0	49
	10	9,80974,31699	2,49289	9,88306,63391	1,77834	9,92667,68308	4,27123	10,07332,31692	50	
	20	9,80976,80964	2,49265	9,88304,85540	1,77851	9,92671,95424	4,27116	10,07328,04576	40	
	30	9,80979,30204	2,49240	9,88303,07671	1,77869	9,92676,22533	4,27109	10,07323,77467	30	
	40	9,80981,79420	2,49216	9,88301,29785	1,77886	9,92680,49636	4,27103	10,07319,50364	20	
	50	9,80984,28612	2,49192	9,88299,51881	1,77904	9,92684,76731	4,27095	10,07315,23269	10	
12	0	9,80986,77778	2,49166	9,88297,73959	1,77922	9,92689,03819	4,27088	10,07310,96181	0	48
	10	9,80989,26921	2,49143	9,88295,96020	1,77939	9,92693,30900	4,27081	10,07306,69100	50	
	20	9,80991,76038	2,49117	9,88294,18064	1,77956	9,92697,57974	4,27074	10,07302,42026	40	
	30	9,80994,25132	2,49094	9,88292,40090	1,77974	9,92701,85042	4,27068	10,07298,14958	30	
	40	9,80996,74200	2,49068	9,88290,62099	1,77991	9,92706,12102	4,27060	10,07293,87898	20	
	50	9,80999,23245	2,49045	9,88288,84090	1,78009	9,92710,39155	4,27053	10,07289,60845	10	
13	0	9,81001,72265	2,49020	9,88287,06063	1,78027	9,92714,66201	4,27046	10,07285,33799	0	47
	10	9,81004,21260	2,48995	9,88285,28019	1,78044	9,92718,93241	4,27040	10,07281,06759	50	
	20	9,81006,70231	2,48971	9,88283,49958	1,78061	9,92723,20273	4,27032	10,07276,79727	40	
	30	9,81009,19177	2,48946	9,88281,71879	1,78079	9,92727,47298	4,27025	10,07272,52702	30	
	40	9,81011,68099	2,48922	9,88279,93783	1,78096	9,92731,74316	4,27018	10,07268,25684	20	
	50	9,81014,16996	2,48897	9,88278,15669	1,78114	9,92736,01328	4,27012	10,07263,98672	10	
14	0	9,81016,65869	2,48873	9,88276,37537	1,78132	9,92740,28332	4,27004	10,07259,71668	0	46
	10	9,81019,14718	2,48849	9,88274,59388	1,78149	9,92744,55330	4,26998	10,07255,44670	50	
	20	9,81021,63542	2,48824	9,88272,81222	1,78166	9,92748,82320	4,26990	10,07251,17680	40	
	30	9,81024,12341	2,48799	9,88271,03038	1,78184	9,92753,09304	4,26984	10,07246,90696	30	
	40	9,81026,61117	2,48776	9,88269,24836	1,78202	9,92757,36281	4,26977	10,07242,63719	20	
	50	9,81029,09867	2,48750	9,88267,46617	1,78219	9,92761,63250	4,26969	10,07238,36750	10	
15	0	9,81031,58593	2,48726	9,88265,68380	1,78237	9,92765,90213	4,26963	10,07234,09787	0	45
	10	9,81034,07295	2,48702	9,88263,90126	1,78254	9,92770,17169	4,26956	10,07229,82831	50	
	20	9,81036,55972	2,48677	9,88262,11855	1,78271	9,92774,44118	4,26949	10,07225,55882	40	
	30	9,81039,04625	2,48653	9,88260,33566	1,78289	9,92778,71060	4,26942	10,07221,28940	30	
	40	9,81041,53254	2,48629	9,88258,55259	1,78307	9,92782,97995	4,26935	10,07217,02005	20	
	50	9,81044,01858	2,48604	9,88256,76935	1,78324	9,92787,24923	4,26928	10,07212,75077	10	
16	0	9,81046,50437	2,48579	9,88254,98593	1,78342	9,92791,51844	4,26921	10,07208,48156	0	44
	10	9,81048,98992	2,48555	9,88253,20234	1,78359	9,92795,78759	4,26915	10,07204,21241	50	
	20	9,81051,47523	2,48531	9,88251,41857	1,78377	9,92800,05666	4,26907	10,07199,94334	40	
	30	9,81053,96029	2,48506	9,88249,63462	1,78395	9,92804,32567	4,26901	10,07195,67433	30	
	40	9,81056,44511	2,48482	9,88247,85051	1,78411	9,92808,59460	4,26893	10,07191,40540	20	
	50	9,81058,92968	2,48457	9,88246,06621	1,78430	9,92812,86347	4,26887	10,07187,13653	10	
17	0	9,81061,41401	2,48433	9,88244,28174	1,78447	9,92817,13227	4,26880	10,07182,86773	0	43
	10	9,81063,89810	2,48409	9,88242,49710	1,78464	9,92821,40100	4,26873	10,07178,59900	50	
	20	9,81066,38194	2,48384	9,88240,71228	1,78482	9,92825,66966	4,26866	10,07174,33034	40	
	30	9,81068,86554	2,48360	9,88238,92728	1,78500	9,92829,93826	4,26860	10,07170,06174	30	
	40	9,81071,34889	2,48335	9,88237,14211	1,78517	9,92834,20678	4,26852	10,07165,79322	20	
	50	9,81073,83200	2,48311	9,88235,35676	1,78535	9,92838,47524	4,26846	10,07161,52476	10	
18	0	9,81076,31486	2,48286	9,88233,57124	1,78552	9,92842,74362	4,26838	10,07157,25638	0	42
	10	9,81078,79748	2,48262	9,88231,78554	1,78570	9,92847,01194	4,26832	10,07152,98806	50	
	20	9,81081,27986	2,48238	9,88229,99967	1,78587	9,92851,28019	4,26825	10,07148,71981	40	
	30	9,81083,76199	2,48213	9,88228,21362	1,78605	9,92855,54837	4,26818	10,07144,45163	30	
	40	9,81086,24388	2,48189	9,88226,42740	1,78622	9,92859,81649	4,26812	10,07140,18351	20	
	50	9,81088,72553	2,48165	9,88224,64100	1,78640	9,92864,08453	4,26804	10,07135,91547	10	
19	0	9,81091,20693	2,48140	9,88222,85442	1,78658	9,92868,35251	4,26798	10,07131,64749	0	41
	10	9,81093,68809	2,48116	9,88221,06767	1,78675	9,92872,62042	4,26791	10,07127,37958	50	
	20	9,81096,16900	2,48091	9,88219,28074	1,78693	9,92876,88826	4,26784	10,07123,11174	40	
	30	9,81098,64967	2,48067	9,88217,49364	1,78710	9,92881,15603	4,26777	10,07118,84397	30	
	40	9,81101,13010	2,48043	9,88215,70636	1,78728	9,92885,42373	4,26770	10,07114,57627	20	
	50	9,81103,61028	2,48018	9,88213,91891	1,78745	9,92889,69137	4,26764	10,07110,30863	10	
20	0	9,81106,09022	2,47994	9,88212,13128	1,78763	9,92893,95894	4,26757	10,07106,04106	0	40
			2,47969		1,78780		4,26750			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,81106,09022		9,88212,13128		9,92893,95894		10,07106,04106	o	40
	10	9,81108,56991	2,47969	9,88210,34348	1,78780	9,92898,22644	4,26750	10,07101,77356	50	
	20	9,81111,04936	2,47945	9,88208,55549	1,78799	9,92902,49387	4,26743	10,07097,50613	40	
	30	9,81113,52857	2,47921	9,88206,76734	1,78815	9,92906,76123	4,26736	10,07093,23877	30	
	40	9,81116,00753	2,47896	9,88204,97901	1,78833	9,92911,02853	4,26730	10,07088,97147	20	
	50	9,81118,48625	2,47872	9,88203,19050	1,78851	9,92915,29576	4,26723	10,07084,70424	10	
21	0	9,81120,96473	2,47848	9,88201,40182	1,78868	9,92919,56292	4,26716	10,07080,43708	o	39
	10	9,81123,44296	2,47823	9,88199,61296	1,78886	9,92923,83001	4,26709	10,07076,16999	50	
	20	9,81125,92095	2,47799	9,88197,82392	1,78904	9,92928,09703	4,26702	10,07071,90297	40	
	30	9,81128,39870	2,47775	9,88196,03471	1,78921	9,92932,36399	4,26696	10,07067,63601	30	
	40	9,81130,87620	2,47750	9,88194,24532	1,78939	9,92936,63088	4,26689	10,07063,36912	20	
	50	9,81133,35346	2,47726	9,88192,45576	1,78956	9,92940,89770	4,26682	10,07059,10230	10	
22	0	9,81135,83048	2,47702	9,88190,66602	1,78974	9,92945,16446	4,26676	10,07054,83554	o	38
	10	9,81138,30725	2,47677	9,88188,87611	1,78991	9,92949,43114	4,26668	10,07050,56886	50	
	20	9,81140,78378	2,47653	9,88187,08602	1,79009	9,92953,69776	4,26662	10,07046,30224	40	
	30	9,81143,26007	2,47629	9,88185,29575	1,79027	9,92957,96431	4,26655	10,07042,03569	30	
	40	9,81145,73611	2,47604	9,88183,50531	1,79044	9,92962,23080	4,26649	10,07037,76920	20	
	50	9,81148,21191	2,47580	9,88181,71470	1,79061	9,92966,49722	4,26642	10,07033,50278	10	
23	0	9,81150,68747	2,47556	9,88179,92390	1,79080	9,92970,76357	4,26635	10,07029,23643	o	37
	10	9,81153,16278	2,47531	9,88178,13293	1,79097	9,92975,02985	4,26628	10,07024,97015	50	
	20	9,81155,63785	2,47507	9,88176,34179	1,79114	9,92979,29607	4,26622	10,07020,70393	40	
	30	9,81158,11268	2,47483	9,88174,55047	1,79132	9,92983,56221	4,26614	10,07016,43779	30	
	40	9,81160,58726	2,47458	9,88172,75897	1,79150	9,92987,82830	4,26609	10,07012,17170	20	
	50	9,81163,06161	2,47435	9,88170,96730	1,79167	9,92992,09431	4,26601	10,07007,90569	10	
24	0	9,81165,53570	2,47409	9,88169,17545	1,79185	9,92996,36026	4,26595	10,07003,63974	o	36
	10	9,81168,00956	2,47386	9,88167,38342	1,79203	9,93000,62614	4,26588	10,06999,37386	50	
	20	9,81170,48317	2,47361	9,88165,59122	1,79220	9,93004,89195	4,26581	10,06995,10805	40	
	30	9,81172,95654	2,47337	9,88163,79884	1,79238	9,93009,15770	4,26575	10,06990,84230	30	
	40	9,81175,42967	2,47313	9,88162,00629	1,79255	9,93013,42338	4,26568	10,06986,57662	20	
	50	9,81177,90255	2,47288	9,88160,21356	1,79273	9,93017,68899	4,26561	10,06982,31101	10	
25	0	9,81180,37519	2,47264	9,88158,42065	1,79291	9,93021,95453	4,26554	10,06978,04547	o	35
	10	9,81182,84759	2,47240	9,88156,62757	1,79308	9,93026,22001	4,26548	10,06973,77999	50	
	20	9,81185,31974	2,47215	9,88154,83432	1,79325	9,93030,48543	4,26542	10,06969,51457	40	
	30	9,81187,79165	2,47191	9,88153,04088	1,79344	9,93034,75077	4,26534	10,06965,24923	30	
	40	9,81190,26332	2,47167	9,88151,24727	1,79361	9,93039,01605	4,26528	10,06960,98395	20	
	50	9,81192,73475	2,47143	9,88149,45349	1,79378	9,93043,28126	4,26521	10,06956,71874	10	
26	0	9,81195,20593	2,47118	9,88147,65952	1,79397	9,93047,54641	4,26515	10,06952,45359	o	34
	10	9,81197,67687	2,47094	9,88145,86538	1,79414	9,93051,81149	4,26508	10,06948,18851	50	
	20	9,81200,14757	2,47070	9,88144,07107	1,79431	9,93056,07650	4,26501	10,06943,92350	40	
	30	9,81202,61803	2,47046	9,88142,27658	1,79449	9,93060,34145	4,26495	10,06939,65855	30	
	40	9,81205,08824	2,47021	9,88140,48191	1,79467	9,93064,60633	4,26488	10,06935,39367	20	
	50	9,81207,55821	2,46997	9,88138,68707	1,79484	9,93068,87114	4,26481	10,06931,12886	10	
27	0	9,81210,02794	2,46973	9,88136,89205	1,79502	9,93073,13589	4,26475	10,06926,86411	o	33
	10	9,81212,49743	2,46949	9,88135,09685	1,79520	9,93077,40057	4,26468	10,06922,59943	50	
	20	9,81214,96667	2,46924	9,88133,30148	1,79537	9,93081,66519	4,26462	10,06918,33481	40	
	30	9,81217,43567	2,46900	9,88131,50593	1,79555	9,93085,92974	4,26455	10,06914,07026	30	
	40	9,81219,90443	2,46876	9,88129,71021	1,79572	9,93090,19422	4,26448	10,06909,80578	20	
	50	9,81222,37294	2,46851	9,88127,91431	1,79590	9,93094,45864	4,26442	10,06905,54136	10	
28	0	9,81224,84122	2,46828	9,88126,11823	1,79608	9,93098,72299	4,26435	10,06901,27701	o	32
	10	9,81227,30925	2,46803	9,88124,32197	1,79626	9,93102,98727	4,26428	10,06897,01273	50	
	20	9,81229,77704	2,46779	9,88122,52554	1,79643	9,93107,25149	4,26422	10,06892,74851	40	
	30	9,81232,24458	2,46754	9,88120,72894	1,79660	9,93111,51565	4,26416	10,06888,48435	30	
	40	9,81234,71189	2,46731	9,88118,93215	1,79679	9,93115,77973	4,26408	10,06884,22027	20	
	50	9,81237,17895	2,46706	9,88117,13519	1,79696	9,93120,04375	4,26402	10,06879,95625	10	
29	0	9,81239,64577	2,46682	9,88115,33806	1,79713	9,93124,30771	4,26396	10,06875,69229	o	31
	10	9,81242,11235	2,46658	9,88113,54075	1,79731	9,93128,57160	4,26389	10,06871,42840	50	
	20	9,81244,57868	2,46633	9,88111,74326	1,79749	9,93132,83542	4,26382	10,06867,16458	40	
	30	9,81247,04478	2,46610	9,88109,94559	1,79767	9,93137,09918	4,26376	10,06862,90082	30	
	40	9,81249,51063	2,46585	9,88108,14775	1,79784	9,93141,36288	4,26370	10,06858,63712	20	
	50	9,81251,97624	2,46561	9,88106,34973	1,79802	9,93145,62650	4,26362	10,06854,37350	10	
30	0	9,81254,44160	2,46536	9,88104,55154	1,79819	9,93149,89007	4,26357	10,06850,10993	o	30
			2,46513		1,79837		4,26349			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,81254,44160		9,88104,55154		9,93149,89007		10,06850,10993	o	30
	10	9,81256,90673	2,46513	9,88102,75317	1,79837	9,93154,15356	4,26349	10,06845,84644	50	
	20	9,81259,37161	2,46488	9,88100,95462	1,79855	9,93158,41699	4,26343	10,06841,58301	40	
	30	9,81261,83625	2,46464	9,88099,15589	1,79873	9,93162,68036	4,26337	10,06837,31964	30	
	40	9,81264,30065	2,46440	9,88097,35699	1,79890	9,93166,94366	4,26330	10,06833,05634	20	
	50	9,81266,76481	2,46416	9,88095,55791	1,79908	9,93171,20689	4,26323	10,06828,79311	10	
31	0	9,81269,22872	2,46391	9,88093,75866	1,79925	9,93175,47006	4,26317	10,06824,52994	o	29
			2,46368		1,79943		4,26311			
	10	9,81271,69240	2,46343	9,88091,95923	1,79961	9,93179,73317	4,26304	10,06820,26683	50	
	20	9,81274,15583	2,46319	9,88090,15962	1,79978	9,93183,99621	4,26297	10,06816,00379	40	
	30	9,81276,61902	2,46295	9,88088,35984	1,79996	9,93188,25918	4,26291	10,06811,74082	30	
	40	9,81279,08197	2,46270	9,88086,55988	1,80014	9,93192,52209	4,26285	10,06807,47791	20	
	50	9,81281,54467	2,46247	9,88084,75974	1,80032	9,93196,78494	4,26277	10,06803,21506	10	
32	0	9,81284,00714	2,46222	9,88082,95942	1,80049	9,93201,04771	4,26272	10,06798,95229	o	28
			2,46198		1,80066		4,26265			
	10	9,81286,46936	2,46174	9,88081,15893	1,80085	9,93205,31043	4,26258	10,06794,68957	50	
	20	9,81288,93134	2,46150	9,88079,35827	1,80102	9,93209,57308	4,26252	10,06790,42692	40	
	30	9,81291,39308	2,46126	9,88077,55742	1,80120	9,93213,83566	4,26246	10,06786,16434	30	
	40	9,81293,85458	2,46101	9,88075,75640	1,80137	9,93218,09818	4,26239	10,06781,90182	20	
	50	9,81296,31584	2,46078	9,88073,95520	1,80156	9,93222,36064	4,26232	10,06777,63936	10	
33	0	9,81298,77685	2,46053	9,88072,15383	1,80172	9,93226,62303	4,26226	10,06773,37697	o	27
			2,46029		1,80191		4,26220			
	10	9,81301,23763	2,46005	9,88070,35227	1,80208	9,93230,88535	4,26213	10,06769,11465	50	
	20	9,81303,69816	2,45981	9,88068,55055	1,80226	9,93235,14761	4,26207	10,06764,85239	40	
	30	9,81306,15845	2,45956	9,88066,74864	1,80244	9,93239,40981	4,26200	10,06760,59019	30	
	40	9,81308,61850	2,45933	9,88064,94656	1,80261	9,93243,67194	4,26194	10,06756,32806	20	
	50	9,81311,07831	2,45908	9,88063,14430	1,80279	9,93247,93401	4,26187	10,06752,06599	10	
34	0	9,81313,53787	2,45884	9,88061,34186	1,80297	9,93252,19601	4,26181	10,06747,80399	o	26
			2,45860		1,80314		4,26174			
	10	9,81315,99720	2,45836	9,88059,53925	1,80332	9,93256,45795	4,26168	10,06743,54205	50	
	20	9,81318,45628	2,45812	9,88057,73646	1,80350	9,93260,71982	4,26162	10,06739,28018	40	
	30	9,81320,91512	2,45788	9,88055,93349	1,80367	9,93264,98163	4,26155	10,06735,01837	30	
	40	9,81323,37372	2,45764	9,88054,13035	1,80385	9,93269,24337	4,26149	10,06730,75663	20	
	50	9,81325,83208	2,45739	9,88052,32703	1,80403	9,93273,50505	4,26142	10,06726,49495	10	
35	0	9,81328,29020	2,45715	9,88050,52353	1,80421	9,93277,76667	4,26136	10,06722,23333	o	25
			2,45692		1,80438		4,26130			
	10	9,81330,74808	2,45667	9,88048,71986	1,80456	9,93282,02822	4,26123	10,06717,97178	50	
	20	9,81333,20572	2,45643	9,88046,91601	1,80474	9,93286,28971	4,26116	10,06713,71029	40	
	30	9,81335,66311	2,45619	9,88045,11198	1,80491	9,93290,55113	4,26111	10,06709,44887	30	
	40	9,81338,12026	2,45595	9,88043,30777	1,80509	9,93294,81249	4,26104	10,06705,18751	20	
	50	9,81340,57718	2,45571	9,88041,50339	1,80527	9,93299,07379	4,26097	10,06700,92621	10	
36	0	9,81343,03385	2,45546	9,88039,69883	1,80544	9,93303,33502	4,26092	10,06696,66498	o	24
			2,45523		1,80563		4,26084			
	10	9,81345,49028	2,45498	9,88037,89409	1,80579	9,93307,59618	4,26079	10,06692,40382	50	
	20	9,81347,94647	2,45475	9,88036,08918	1,80598	9,93311,85729	4,26072	10,06688,14271	40	
	30	9,81350,40242	2,45450	9,88034,28409	1,80615	9,93316,11833	4,26066	10,06683,88167	30	
	40	9,81352,85813	2,45426	9,88032,47882	1,80634	9,93320,37930	4,26059	10,06679,62070	20	
	50	9,81355,31359	2,45403	9,88030,67338	1,80650	9,93324,64022	4,26053	10,06675,35978	10	
37	0	9,81357,76882	2,45378	9,88028,86775	1,80669	9,93328,90106	4,26047	10,06671,09894	o	23
			2,45354		1,80686		4,26040			
	10	9,81360,22380	2,45330	9,88027,06196	1,80704	9,93333,16185	4,26034	10,06666,83815	50	
	20	9,81362,67855	2,45306	9,88025,25598	1,80722	9,93337,42257	4,26028	10,06662,57743	40	
	30	9,81365,13305	2,45282	9,88023,44983	1,80739	9,93341,68323	4,26021	10,06658,31677	30	
	40	9,81367,58731	2,45257	9,88021,64349	1,80757	9,93345,94382	4,26015	10,06654,05618	20	
	50	9,81370,04134	2,45234	9,88019,83699	1,80775	9,93350,20435	4,26008	10,06649,79565	10	
38	0	9,81372,49512	2,45210	9,88018,03030	1,80793	9,93354,46482	4,26003	10,06645,53518	o	22
			2,45185		1,80810		4,25996			
	10	9,81374,94866	2,45162	9,88016,22344	1,80829	9,93358,72522	4,25989	10,06641,27478	50	
	20	9,81377,40196	2,45137	9,88014,41640	1,80845	9,93362,98556	4,25977	10,06637,01444	40	
	30	9,81379,85502	2,45114	9,88012,60918	1,80864	9,93367,24584	4,25971	10,06632,75416	30	
	40	9,81382,30784	2,45089	9,88010,80179	1,80881	9,93371,50605	4,25964	10,06628,49395	20	
	50	9,81384,76041	2,45066	9,88008,99422	1,80899	9,93375,76620		10,06624,23380	10	
39	0	9,81387,21275	SINVVM	9,88007,18647		9,93380,02628		10,06619,97372	o	21
	10	9,81389,66485		9,88005,37854		9,93384,28631		10,06615,71369	50	
	20	9,81392,11670		9,88003,57044		9,93388,54627		10,06611,45373	40	
	30	9,81394,56832		9,88001,76215		9,93392,80616		10,06607,19384	30	
	40	9,81397,01969		9,87999,95370		9,93397,06600		10,06602,93400	20	
	50	9,81399,47083		9,87998,14506		9,93401,32577		10,06598,67423	10	
40	0	9,81401,92172		9,87996,33625		9,93405,58548		10,06594,41452	o	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,81401,92172		9,87996,33625		9,93405,58548		10,06594,41452	0	20
	10	9,81404,37238	2,45066	9,87994,52726	1,80899	9,93409,84512	4,25964	10,06590,15488	50	
	20	9,81406,82279	2,45041	9,87992,71809	1,80917	9,93414,10470	4,25958	10,06585,89530	40	
	30	9,81409,27297	2,45018	9,87990,90874	1,80935	9,93418,36422	4,25952	10,06581,63578	30	
	40	9,81411,72290	2,44993	9,87989,09922	1,80952	9,93422,62368	4,25946	10,06577,37632	20	
	50	9,81414,17259	2,44969	9,87987,28952	1,80970	9,93426,88307	4,25939	10,06573,11693	10	
41	0	9,81416,62204	2,44945	9,87985,47964	1,80988	9,93431,14240	4,25933	10,06568,85760	0	19
	10	9,81419,07126	2,44922	9,87983,66959	1,81005	9,93435,40167	4,25927	10,06564,59833	50	
	20	9,81421,52023	2,44897	9,87981,85935	1,81024	9,93439,66088	4,25921	10,06560,33912	40	
	30	9,81423,96896	2,44873	9,87980,04894	1,81041	9,93443,92002	4,25914	10,06556,07998	30	
	40	9,81426,41745	2,44849	9,87978,23835	1,81059	9,93448,17910	4,25908	10,06551,82090	20	
	50	9,81428,86570	2,44825	9,87976,42759	1,81076	9,93452,43812	4,25902	10,06547,56188	10	
42	0	9,81431,31372	2,44802	9,87974,61665	1,81094	9,93456,69707	4,25895	10,06543,30293	0	18
	10	9,81433,76149	2,44777	9,87972,80552	1,81113	9,93460,95596	4,25889	10,06539,04404	50	
	20	9,81436,20902	2,44753	9,87970,99423	1,81129	9,93465,21479	4,25883	10,06534,78521	40	
	30	9,81438,65631	2,44729	9,87969,18275	1,81148	9,93469,47356	4,25877	10,06530,52644	30	
	40	9,81441,10336	2,44705	9,87967,37110	1,81165	9,93473,73227	4,25871	10,06526,26773	20	
	50	9,81443,55018	2,44682	9,87965,55926	1,81184	9,93477,99091	4,25864	10,06522,00909	10	
43	0	9,81445,99675	2,44657	9,87963,74726	1,81200	9,93482,24949	4,25858	10,06517,75051	0	17
	10	9,81448,44308	2,44633	9,87961,93507	1,81219	9,93486,50801	4,25852	10,06513,49199	50	
	20	9,81450,88917	2,44609	9,87960,12270	1,81237	9,93490,76647	4,25846	10,06509,23353	40	
	30	9,81453,33502	2,44585	9,87958,31016	1,81254	9,93495,02486	4,25839	10,06504,97514	30	
	40	9,81455,78064	2,44562	9,87956,49744	1,81272	9,93499,28319	4,25833	10,06500,71681	20	
	50	9,81458,22601	2,44537	9,87954,68454	1,81290	9,93503,54146	4,25827	10,06496,45854	10	
44	0	9,81460,67114	2,44513	9,87952,87147	1,81307	9,93507,79967	4,25821	10,06492,20033	0	16
	10	9,81463,11603	2,44489	9,87951,05822	1,81325	9,93512,05782	4,25815	10,06487,94218	50	
	20	9,81465,56069	2,44466	9,87949,24478	1,81344	9,93516,31590	4,25808	10,06483,68410	40	
	30	9,81468,00510	2,44441	9,87947,43118	1,81360	9,93520,57393	4,25803	10,06479,42607	30	
	40	9,81470,44928	2,44418	9,87945,61739	1,81379	9,93524,83189	4,25796	10,06475,16811	20	
	50	9,81472,89321	2,44393	9,87943,80342	1,81397	9,93529,08979	4,25790	10,06470,91021	10	
45	0	9,81475,33691	2,44370	9,87941,98928	1,81414	9,93533,34762	4,25783	10,06466,65238	0	15
	10	9,81477,78036	2,44345	9,87940,17496	1,81432	9,93537,60540	4,25778	10,06462,39460	50	
	20	9,81480,22358	2,44322	9,87938,36046	1,81450	9,93541,86311	4,25771	10,06458,13689	40	
	30	9,81482,66655	2,44297	9,87936,54579	1,81467	9,93546,12077	4,25766	10,06453,87923	30	
	40	9,81485,10929	2,44274	9,87934,73093	1,81486	9,93550,37836	4,25759	10,06449,62164	20	
	50	9,81487,55179	2,44250	9,87932,91590	1,81503	9,93554,63589	4,25753	10,06445,36411	10	
46	0	9,81489,99405	2,44226	9,87931,10069	1,81521	9,93558,89335	4,25746	10,06441,10665	0	14
	10	9,81492,43606	2,44201	9,87929,28530	1,81539	9,93563,15076	4,25741	10,06436,84924	50	
	20	9,81494,87784	2,44178	9,87927,46974	1,81556	9,93567,40810	4,25734	10,06432,59190	40	
	30	9,81497,31938	2,44154	9,87925,65399	1,81575	9,93571,66539	4,25729	10,06428,33461	30	
	40	9,81499,76068	2,44130	9,87923,83807	1,81592	9,93575,92261	4,25722	10,06424,07739	20	
	50	9,81502,20174	2,44106	9,87922,02197	1,81610	9,93580,17977	4,25716	10,06419,82023	10	
47	0	9,81504,64257	2,44083	9,87920,20570	1,81627	9,93584,43687	4,25710	10,06415,56313	0	13
	10	9,81507,08315	2,44058	9,87918,38924	1,81646	9,93588,69391	4,25704	10,06411,30609	50	
	20	9,81509,52349	2,44034	9,87916,57261	1,81663	9,93592,95089	4,25698	10,06407,04911	40	
	30	9,81511,96360	2,44011	9,87914,75579	1,81682	9,93597,20780	4,25691	10,06402,79220	30	
	40	9,81514,40346	2,43986	9,87912,93880	1,81699	9,93601,46466	4,25686	10,06398,53534	20	
	50	9,81516,84309	2,43963	9,87911,12164	1,81716	9,93605,72145	4,25679	10,06394,27855	10	
48	0	9,81519,28247	2,43938	9,87909,30429	1,81735	9,93609,97819	4,25674	10,06390,02181	0	12
	10	9,81521,72162	2,43915	9,87907,48677	1,81752	9,93614,23486	4,25667	10,06385,76514	50	
	20	9,81524,16053	2,43891	9,87905,66906	1,81771	9,93618,49147	4,25661	10,06381,50853	40	
	30	9,81526,59920	2,43867	9,87903,85118	1,81788	9,93622,74802	4,25655	10,06377,25198	30	
	40	9,81529,03763	2,43843	9,87902,03312	1,81806	9,93627,00451	4,25649	10,06372,99549	20	
	50	9,81531,47582	2,43819	9,87900,21489	1,81823	9,93631,26094	4,25643	10,06368,73906	10	
49	0	9,81533,91378	2,43796	9,87898,39647	1,81842	9,93635,51731	4,25637	10,06364,48269	0	11
	10	9,81536,35149	2,43771	9,87896,57788	1,81859	9,93639,77361	4,25630	10,06360,22639	50	
	20	9,81538,78897	2,43748	9,87894,75911	1,81877	9,93644,02986	4,25625	10,06355,97014	40	
	30	9,81541,22620	2,43723	9,87892,94016	1,81895	9,93648,28605	4,25619	10,06351,71395	30	
	40	9,81543,66320	2,43700	9,87891,12103	1,81913	9,93652,54217	4,25612	10,06347,45783	20	
	50	9,81546,09996	2,43676	9,87889,30172	1,81931	9,93656,79824	4,25607	10,06343,20176	10	
50	0	9,81548,53648	2,43652	9,87887,48224	1,81948	9,93661,05424	4,25600	10,06338,94576	0	10
		Sin. Comple.	2,43628	SINVVM	1,81967	Tang. compl.	4,25594	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,81548,53648		9,87887,48224		9,93661,05424		10,06338,94576	o	10
	10	9,81550,97276	2,43628	9,87885,66257	1,81967	9,93665,31018	4,25594	10,06334,68982	50	
	20	9,81553,40880	2,43604	9,87883,84273	1,81984	9,93669,56607	4,25589	10,06330,43393	40	
	30	9,81555,84460	2,43580	9,87882,02271	1,82002	9,93673,82189	4,25582	10,06326,17811	30	
	40	9,81558,28017	2,43557	9,87880,20251	1,82020	9,93678,07765	4,25576	10,06321,92235	20	
	50	9,81560,71549	2,43532	9,87878,38214	1,82037	9,93682,33336	4,25571	10,06317,66664	10	
51	0	9,81563,15058	2,43509	9,87876,56158	1,82056	9,93686,58900	4,25564	10,06313,41100	o	9
	10	9,81565,58543	2,43485	9,87874,74085	1,82073	9,93690,84458	4,25558	10,06309,15542	50	
	20	9,81568,02004	2,43461	9,87872,91994	1,82091	9,93695,10010	4,25552	10,06304,89990	40	
	30	9,81570,45441	2,43437	9,87871,09885	1,82109	9,93699,35557	4,25547	10,06300,64443	30	
	40	9,81572,88855	2,43414	9,87869,27758	1,82127	9,93703,61097	4,25540	10,06296,38903	20	
	50	9,81575,32244	2,43389	9,87867,45613	1,82145	9,93707,86631	4,25534	10,06292,13369	10	
52	0	9,81577,75610	2,43366	9,87865,63451	1,82162	9,93712,12159	4,25528	10,06287,87841	o	8
	10	9,81580,18951	2,43341	9,87863,81270	1,82181	9,93716,37681	4,25522	10,06283,62319	50	
	20	9,81582,62269	2,43318	9,87861,99072	1,82198	9,93720,63198	4,25517	10,06279,36802	40	
	30	9,81585,05563	2,43294	9,87860,16856	1,82216	9,93724,88708	4,25510	10,06275,11292	30	
	40	9,81587,48834	2,43271	9,87858,34622	1,82234	9,93729,14212	4,25504	10,06270,85788	20	
	50	9,81589,92080	2,43246	9,87856,52370	1,82252	9,93733,39710	4,25498	10,06266,60290	10	
53	0	9,81592,35303	2,43223	9,87854,70100	1,82270	9,93737,65203	4,25493	10,06262,34797	o	7
	10	9,81594,78502	2,43199	9,87852,87813	1,82287	9,93741,90689	4,25486	10,06258,09311	50	
	20	9,81597,21676	2,43174	9,87851,05507	1,82306	9,93746,16169	4,25480	10,06253,83831	40	
	30	9,81599,64828	2,43152	9,87849,23184	1,82323	9,93750,41644	4,25475	10,06249,58356	30	
	40	9,81602,07955	2,43127	9,87847,40843	1,82341	9,93754,67112	4,25468	10,06245,32888	20	
	50	9,81604,51058	2,43103	9,87845,58484	1,82359	9,93758,92574	4,25462	10,06241,07426	10	
54	0	9,81606,94138	2,43080	9,87843,76107	1,82377	9,93763,18031	4,25457	10,06236,81969	o	6
	10	9,81609,37194	2,43056	9,87841,93712	1,82395	9,93767,43482	4,25451	10,06232,56518	50	
	20	9,81611,80226	2,43032	9,87840,11300	1,82412	9,93771,68926	4,25444	10,06228,31074	40	
	30	9,81614,23234	2,43008	9,87838,28869	1,82431	9,93775,94365	4,25439	10,06224,05635	30	
	40	9,81616,66219	2,42985	9,87836,46421	1,82448	9,93780,19798	4,25433	10,06219,80202	20	
	50	9,81619,09179	2,42960	9,87834,63955	1,82466	9,93784,45225	4,25427	10,06215,54775	10	
55	0	9,81621,52116	2,42937	9,87832,81471	1,82484	9,93788,70645	4,25420	10,06211,29355	o	5
	10	9,81623,95029	2,42913	9,87830,98969	1,82502	9,93792,96060	4,25415	10,06207,03940	50	
	20	9,81626,37918	2,42889	9,87829,16449	1,82520	9,93797,21470	4,25410	10,06202,78530	40	
	30	9,81628,80784	2,42866	9,87827,33911	1,82538	9,93801,46873	4,25403	10,06198,53127	30	
	40	9,81631,23626	2,42842	9,87825,51356	1,82555	9,93805,72270	4,25397	10,06194,27730	20	
	50	9,81633,66444	2,42818	9,87823,68782	1,82574	9,93809,97661	4,25391	10,06190,02339	10	
56	0	9,81636,09238	2,42794	9,87821,86191	1,82591	9,93814,23047	4,25386	10,06185,76953	o	4
	10	9,81638,52008	2,42770	9,87820,03582	1,82609	9,93818,48426	4,25379	10,06181,51574	50	
	20	9,81640,94755	2,42747	9,87818,20954	1,82628	9,93822,73800	4,25374	10,06177,26200	40	
	30	9,81643,37477	2,42722	9,87816,38309	1,82645	9,93826,99168	4,25368	10,06173,00832	30	
	40	9,81645,80176	2,42699	9,87814,55647	1,82662	9,93831,24530	4,25362	10,06168,75470	20	
	50	9,81648,22852	2,42676	9,87812,72966	1,82681	9,93835,49886	4,25356	10,06164,50114	10	
57	0	9,81650,65503	2,42651	9,87810,90267	1,82699	9,93839,75236	4,25350	10,06160,24764	o	3
	10	9,81653,08131	2,42628	9,87809,07550	1,82717	9,93844,00580	4,25344	10,06155,99420	50	
	20	9,81655,50735	2,42604	9,87807,24816	1,82734	9,93848,25919	4,25339	10,06151,74081	40	
	30	9,81657,93315	2,42580	9,87805,42064	1,82752	9,93852,51251	4,25332	10,06147,48749	30	
	40	9,81660,35871	2,42556	9,87803,59293	1,82771	9,93856,76578	4,25327	10,06143,23422	20	
	50	9,81662,78404	2,42533	9,87801,76505	1,82788	9,93861,01899	4,25321	10,06138,98101	10	
58	0	9,81665,20913	2,42509	9,87799,93699	1,82806	9,93865,27214	4,25315	10,06134,72786	o	2
	10	9,81667,63398	2,42485	9,87798,10875	1,82824	9,93869,52523	4,25309	10,06130,47477	50	
	20	9,81670,05859	2,42461	9,87796,28033	1,82842	9,93873,77826	4,25303	10,06126,22174	40	
	30	9,81672,48297	2,42438	9,87794,45173	1,82860	9,93878,03124	4,25298	10,06121,96876	30	
	40	9,81674,90711	2,42414	9,87792,62296	1,82877	9,93882,28415	4,25291	10,06117,71585	20	
	50	9,81677,33101	2,42390	9,87790,79400	1,82896	9,93886,53701	4,25286	10,06113,46299	10	
59	0	9,81679,75468	2,42367	9,87788,96487	1,82913	9,93890,78981	4,25280	10,06109,21019	o	1
	10	9,81682,17811	2,42343	9,87787,13555	1,82932	9,93895,04255	4,25274	10,06104,95745	50	
	20	9,81684,60130	2,42319	9,87785,30606	1,82949	9,93899,29524	4,25269	10,06100,70476	40	
	30	9,81687,02425	2,42295	9,87783,47639	1,82967	9,93903,54786	4,25262	10,06096,45214	30	
	40	9,81689,44696	2,42271	9,87781,64653	1,82986	9,93907,80043	4,25257	10,06092,19957	20	
	50	9,81691,86944	2,42248	9,87779,81650	1,83003	9,93912,05294	4,25251	10,06087,94706	10	
60	0	9,81694,29168	2,42224	9,87777,98629	1,83021	9,93916,30539	4,25245	10,06083,69461	o	0
			2,42201		1,83039		4,25239			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,81694,29168		9,87777,98629		9,93916,30539		10,06083,69461	o	60
1	10	9,81696,71369	2,42201	9,87776,15590	1,83039	9,93920,55778	4,25239	10,06079,44222	50	59
	20	9,81699,13545	2,42176	9,87774,32533	1,83057	9,93924,81012	4,25234	10,06075,18988	40	
	30	9,81701,55698	2,42153	9,87772,49459	1,83074	9,93929,06240	4,25228	10,06070,93760	30	
	40	9,81703,97828	2,42130	9,87770,66366	1,83093	9,93933,31462	4,25222	10,06066,68538	20	
	50	9,81706,39933	2,42105	9,87768,83255	1,83111	9,93937,56678	4,25216	10,06062,43322	10	
	0	9,81708,82015	2,42082	9,87767,00127	1,83128	9,93941,81888	4,25210	10,06058,18112	0	
	10	9,81711,24073	2,42058	9,87765,16980	1,83147	9,93946,07093	4,25205	10,06053,92907	50	
	20	9,81713,66108	2,42035	9,87763,33816	1,83164	9,93950,32292	4,25199	10,06049,67708	40	
	30	9,81716,08118	2,42010	9,87761,50633	1,83183	9,93954,57485	4,25193	10,06045,42515	30	
	40	9,81718,50106	2,41988	9,87759,67433	1,83200	9,93958,82672	4,25187	10,06041,17328	20	
2	50	9,81720,92069	2,41963	9,87757,84215	1,83218	9,93963,07854	4,25182	10,06036,92146	10	58
	0	9,81723,34009	2,41940	9,87756,00979	1,83236	9,93967,33030	4,25176	10,06032,66970	0	
	10	9,81725,75925	2,41916	9,87754,17725	1,83254	9,93971,58200	4,25170	10,06028,41800	50	
	20	9,81728,17817	2,41892	9,87752,34453	1,83272	9,93975,83364	4,25164	10,06024,16636	40	
	30	9,81730,59686	2,41869	9,87750,51163	1,83290	9,93980,08523	4,25159	10,06019,91477	30	
	40	9,81733,01531	2,41845	9,87748,67855	1,83308	9,93984,33676	4,25153	10,06015,66324	20	
	50	9,81735,43352	2,41821	9,87746,84529	1,83326	9,93988,58823	4,25147	10,06011,41177	10	
	0	9,81737,85150	2,41798	9,87745,01185	1,83344	9,93992,83965	4,25142	10,06007,16035	0	
	10	9,81740,26924	2,41774	9,87743,17823	1,83362	9,93997,09100	4,25135	10,06002,90900	50	
	20	9,81742,68674	2,41750	9,87741,34443	1,83380	9,94001,34230	4,25130	10,05998,65770	40	
3	30	9,81745,10400	2,41726	9,87739,51046	1,83397	9,94005,59355	4,25125	10,05994,40645	30	57
	40	9,81747,52103	2,41703	9,87737,67630	1,83416	9,94009,84473	4,25118	10,05990,15527	20	
	50	9,81749,93783	2,41680	9,87735,84196	1,83434	9,94014,09586	4,25113	10,05985,90414	10	
	0	9,81752,35438	2,41655	9,87734,00745	1,83451	9,94018,34694	4,25108	10,05981,65306	0	
	10	9,81754,77070	2,41632	9,87732,17275	1,83470	9,94022,59795	4,25101	10,05977,40205	50	
	20	9,81757,18679	2,41609	9,87730,33788	1,83487	9,94026,84891	4,25096	10,05973,15109	40	
	30	9,81759,60263	2,41584	9,87728,50282	1,83506	9,94031,09981	4,25090	10,05968,90019	30	
	40	9,81762,01824	2,41561	9,87726,66759	1,83523	9,94035,35065	4,25084	10,05964,64935	20	
	50	9,81764,43362	2,41538	9,87724,83218	1,83541	9,94039,60144	4,25079	10,05960,39856	10	
	0	9,81766,84876	2,41514	9,87722,99658	1,83560	9,94043,85217	4,25073	10,05956,14783	0	
4	10	9,81769,26366	2,41490	9,87721,16081	1,83577	9,94048,10285	4,25068	10,05951,89715	50	56
	20	9,81771,67832	2,41466	9,87719,32486	1,83595	9,94052,35346	4,25061	10,05947,64654	40	
	30	9,81774,09275	2,41443	9,87717,48873	1,83613	9,94056,60403	4,25057	10,05943,39597	30	
	40	9,81776,50694	2,41419	9,87715,65241	1,83632	9,94060,85453	4,25050	10,05939,14547	20	
	50	9,81778,92090	2,41396	9,87713,81592	1,83649	9,94065,10498	4,25045	10,05934,89502	10	
	0	9,81781,33462	2,41372	9,87711,97925	1,83667	9,94069,35537	4,25039	10,05930,64463	0	
	10	9,81783,74810	2,41348	9,87710,14240	1,83685	9,94073,60570	4,25033	10,05926,39430	50	
	20	9,81786,16135	2,41325	9,87708,30537	1,83703	9,94077,85598	4,25028	10,05922,14402	40	
	30	9,81788,57436	2,41301	9,87706,46816	1,83721	9,94082,10621	4,25023	10,05917,89379	30	
	40	9,81790,98714	2,41278	9,87704,63077	1,83739	9,94086,35637	4,25016	10,05913,64363	20	
5	50	9,81793,39968	2,41254	9,87702,79320	1,83757	9,94090,60648	4,25011	10,05909,39352	10	55
	0	9,81795,81198	2,41230	9,87700,95545	1,83775	9,94094,85653	4,25005	10,05905,14347	0	
	10	9,81798,22405	2,41207	9,87699,11752	1,83793	9,94099,10653	4,25000	10,05900,89347	50	
	20	9,81800,63588	2,41183	9,87697,27941	1,83811	9,94103,35647	4,24994	10,05896,64353	40	
	30	9,81803,04747	2,41159	9,87695,44112	1,83829	9,94107,60636	4,24989	10,05892,39364	30	
	40	9,81805,45883	2,41136	9,87693,60265	1,83847	9,94111,85619	4,24983	10,05888,14381	20	
	50	9,81807,86996	2,41113	9,87691,76400	1,83865	9,94116,10596	4,24977	10,05883,89404	10	
	0	9,81810,28084	2,41088	9,87689,92517	1,83883	9,94120,35567	4,24971	10,05879,64433	0	
	10	9,81812,69149	2,41065	9,87688,08616	1,83901	9,94124,60534	4,24967	10,05875,39466	50	
	20	9,81815,10191	2,41042	9,87686,24697	1,83919	9,94128,85494	4,24960	10,05871,14506	40	
6	30	9,81817,51209	2,41018	9,87684,40760	1,83937	9,94133,10449	4,24955	10,05866,89551	30	54
	40	9,81819,92203	2,40994	9,87682,56805	1,83955	9,94137,35398	4,24949	10,05862,64602	20	
	50	9,81822,33174	2,40971	9,87680,72832	1,83973	9,94141,60342	4,24944	10,05858,39658	10	
	0	9,81824,74121	2,40947	9,87678,88841	1,83991	9,94145,85280	4,24938	10,05854,14720	0	
	10	9,81827,15045	2,40924	9,87677,04832	1,84009	9,94150,10213	4,24933	10,05849,89787	50	
	20	9,81829,55945	2,40900	9,87675,20805	1,84027	9,94154,35140	4,24927	10,05845,64860	40	
	30	9,81831,96821	2,40876	9,87673,36760	1,84045	9,94158,60061	4,24921	10,05841,39939	30	
	40	9,81834,37674	2,40853	9,87671,52697	1,84063	9,94162,84977	4,24916	10,05837,15023	20	
	50	9,81836,78504	2,40830	9,87669,68616	1,84081	9,94167,09887	4,24910	10,05832,90113	10	
	0	9,81839,19309	2,40805	9,87667,84517	1,84099	9,94171,34792	4,24905	10,05828,65208	0	
10		Sin. Comple.	2,40783	SINVVM	1,84117	Tang. compl.	4,24899	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,81839,19309		9,87667,84517		9,94171,34792		10,05828,65208	0	50
	10	9,81841,60092	2,40783	9,87666,00400	1,84117	9,94175,59691	4,24899	10,05824,40309	50	
	20	9,81844,00850	2,40758	9,87664,16265	1,84135	9,94179,84585	4,24894	10,05820,15415	40	
	30	9,81846,41586	2,40736	9,87662,32112	1,84153	9,94184,09473	4,24888	10,05815,90527	30	
	40	9,81848,82297	2,40711	9,87660,47941	1,84171	9,94188,34356	4,24883	10,05811,65644	20	
	50	9,81851,22985	2,40688	9,87658,63752	1,84189	9,94192,59233	4,24877	10,05807,40767	10	
11	0	9,81853,63650	2,40665	9,87656,79545	1,84207	9,94196,84105	4,24872	10,05803,15895	0	49
	10	9,81856,04291	2,40641	9,87654,95320	1,84225	9,94201,08971	4,24866	10,05798,91029	50	
	20	9,81858,44908	2,40617	9,87653,11077	1,84243	9,94205,33831	4,24860	10,05794,66169	40	
	30	9,81860,85502	2,40594	9,87651,26816	1,84261	9,94209,58686	4,24855	10,05790,41314	30	
	40	9,81863,26072	2,40570	9,87649,42536	1,84280	9,94213,83536	4,24850	10,05786,16464	20	
	50	9,81865,66619	2,40547	9,87647,58239	1,84297	9,94218,08380	4,24844	10,05781,91620	10	
12	0	9,81868,07142	2,40523	9,87645,73924	1,84315	9,94222,33218	4,24838	10,05777,66782	0	48
	10	9,81870,47642	2,40500	9,87643,89591	1,84333	9,94226,58051	4,24833	10,05773,41949	50	
	20	9,81872,88118	2,40476	9,87642,05239	1,84352	9,94230,82879	4,24828	10,05769,17121	40	
	30	9,81875,28571	2,40453	9,87640,20870	1,84369	9,94235,07701	4,24822	10,05764,92299	30	
	40	9,81877,69000	2,40429	9,87638,36483	1,84387	9,94239,32517	4,24816	10,05760,67483	20	
	50	9,81880,09406	2,40406	9,87636,52077	1,84406	9,94243,57329	4,24812	10,05756,42671	10	
13	0	9,81882,49788	2,40382	9,87634,67654	1,84423	9,94247,82134	4,24805	10,05752,17866	0	47
	10	9,81884,90147	2,40359	9,87632,83212	1,84442	9,94252,06934	4,24800	10,05747,93066	50	
	20	9,81887,30482	2,40335	9,87630,98753	1,84459	9,94256,31729	4,24795	10,05743,68271	40	
	30	9,81889,70793	2,40311	9,87629,14275	1,84478	9,94260,56518	4,24789	10,05739,43482	30	
	40	9,81892,11081	2,40288	9,87627,29779	1,84496	9,94264,81302	4,24784	10,05735,18698	20	
	50	9,81894,51346	2,40265	9,87625,45266	1,84513	9,94269,06080	4,24778	10,05730,93920	10	
14	0	9,81896,91587	2,40241	9,87623,60734	1,84532	9,94273,30853	4,24773	10,05726,69147	0	46
	10	9,81899,31805	2,40218	9,87621,76184	1,84550	9,94277,55620	4,24767	10,05722,44380	50	
	20	9,81901,71999	2,40194	9,87619,91617	1,84567	9,94281,80382	4,24762	10,05718,19618	40	
	30	9,81904,12169	2,40170	9,87618,07031	1,84586	9,94286,05139	4,24757	10,05713,94861	30	
	40	9,81906,52317	2,40148	9,87616,22427	1,84604	9,94290,29890	4,24751	10,05709,70110	20	
	50	9,81908,92440	2,40123	9,87614,37805	1,84622	9,94294,54636	4,24746	10,05705,45364	10	
15	0	9,81911,32540	2,40100	9,87612,53165	1,84640	9,94298,79376	4,24740	10,05701,20624	0	45
	10	9,81913,72617	2,40077	9,87610,68507	1,84658	9,94303,04111	4,24735	10,05696,95889	50	
	20	9,81916,12670	2,40053	9,87608,83830	1,84677	9,94307,28840	4,24729	10,05692,71160	40	
	30	9,81918,52700	2,40030	9,87606,99136	1,84694	9,94311,53564	4,24724	10,05688,46436	30	
	40	9,81920,92706	2,40006	9,87605,14424	1,84712	9,94315,78282	4,24718	10,05684,21718	20	
	50	9,81923,32689	2,39983	9,87603,29694	1,84730	9,94320,02996	4,24714	10,05679,97004	10	
16	0	9,81925,72649	2,39960	9,87601,44945	1,84749	9,94324,27703	4,24707	10,05675,72297	0	44
	10	9,81928,12584	2,39935	9,87599,60179	1,84766	9,94328,52406	4,24703	10,05671,47594	50	
	20	9,81930,52497	2,39913	9,87597,75394	1,84785	9,94332,77103	4,24697	10,05667,22897	40	
	30	9,81932,92386	2,39889	9,87595,90592	1,84802	9,94337,01794	4,24691	10,05662,98206	30	
	40	9,81935,32251	2,39865	9,87594,05771	1,84821	9,94341,26480	4,24686	10,05658,73520	20	
	50	9,81937,72093	2,39842	9,87592,20932	1,84839	9,94345,51161	4,24681	10,05654,48839	10	
17	0	9,81940,11912	2,39819	9,87590,36075	1,84857	9,94349,75837	4,24676	10,05650,24163	0	43
	10	9,81942,51707	2,39795	9,87588,51200	1,84875	9,94354,00507	4,24670	10,05645,99493	50	
	20	9,81944,91479	2,39772	9,87586,66307	1,84893	9,94358,25171	4,24664	10,05641,74829	40	
	30	9,81947,31227	2,39748	9,87584,81396	1,84911	9,94362,49831	4,24660	10,05637,50169	30	
	40	9,81949,70952	2,39725	9,87582,96467	1,84929	9,94366,74485	4,24654	10,05633,25515	20	
	50	9,81952,10653	2,39701	9,87581,11520	1,84947	9,94370,99133	4,24648	10,05629,00867	10	
18	0	9,81954,50331	2,39678	9,87579,26555	1,84965	9,94375,23776	4,24643	10,05624,76224	0	42
	10	9,81956,89985	2,39654	9,87577,41571	1,84984	9,94379,48414	4,24638	10,05620,51586	50	
	20	9,81959,29617	2,39632	9,87575,56570	1,85001	9,94383,73047	4,24633	10,05616,26953	40	
	30	9,81961,69224	2,39607	9,87573,71550	1,85020	9,94387,97674	4,24627	10,05612,02326	30	
	40	9,81964,08808	2,39584	9,87571,86512	1,85038	9,94392,22296	4,24622	10,05607,77704	20	
	50	9,81966,48369	2,39561	9,87570,01457	1,85055	9,94396,46913	4,24617	10,05603,53087	10	
19	0	9,81968,87906	2,39537	9,87568,16383	1,85074	9,94400,71524	4,24611	10,05599,28476	0	41
	10	9,81971,27420	2,39514	9,87566,31291	1,85092	9,94404,96130	4,24606	10,05595,03870	50	
	20	9,81973,66911	2,39491	9,87564,46181	1,85110	9,94409,20730	4,24600	10,05590,79270	40	
	30	9,81976,06378	2,39467	9,87562,61053	1,85128	9,94413,45326	4,24596	10,05586,54674	30	
	40	9,81978,45822	2,39444	9,87560,75906	1,85147	9,94417,69915	4,24589	10,05582,30085	20	
	50	9,81980,85242	2,39420	9,87558,90742	1,85164	9,94421,94500	4,24585	10,05578,05500	10	
20	0	9,81983,24639	2,39397	9,87557,05559	1,85183	9,94426,19079	4,24579	10,05573,80921	0	40
		Sin. Comple.	2,39373	SINVVM	1,85200	Tang. compl.	4,24575	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,81983,24639		9,87557,05559		9,94426,19079		10,05573,80921	o	40
	10	9,81985,64012	2,39373	9,87555,20359	1,85200	9,94430,43654	4,24575	10,05569,56346	50	
	20	9,81988,03362	2,39350	9,87553,35140	1,85219	9,94434,68222	4,24568	10,05565,31778	40	
	30	9,81990,42689	2,39327	9,87551,49903	1,85237	9,94438,92786	4,24564	10,05561,07214	30	
	40	9,81992,81992	2,39303	9,87549,64649	1,85254	9,94443,17344	4,24558	10,05556,82656	20	
	50	9,81995,21272	2,39280	9,87547,79376	1,85273	9,94447,41897	4,24553	10,05552,58103	10	
21	0	9,81997,60529	2,39257	9,87545,94084	1,85292	9,94451,66444	4,24547	10,05548,33556	o	39
	10	9,81999,99762	2,39233	9,87544,08775	1,85309	9,94455,90987	4,24543	10,05544,09013	50	
	20	9,82002,38972	2,39210	9,87542,23448	1,85327	9,94460,15524	4,24537	10,05539,84476	40	
	30	9,82004,78158	2,39186	9,87540,38102	1,85346	9,94464,40056	4,24532	10,05535,59944	30	
	40	9,82007,17321	2,39163	9,87538,52739	1,85363	9,94468,64582	4,24526	10,05531,35418	20	
	50	9,82009,56461	2,39140	9,87536,67357	1,85382	9,94472,89104	4,24522	10,05527,10896	10	
22	0	9,82011,95577	2,39116	9,87534,81957	1,85400	9,94477,13620	4,24516	10,05522,86380	o	38
	10	9,82014,34670	2,39093	9,87532,96539	1,85418	9,94481,38130	4,24510	10,05518,61870	50	
	20	9,82016,73739	2,39069	9,87531,11103	1,85436	9,94485,62636	4,24506	10,05514,37364	40	
	30	9,82019,12785	2,39046	9,87529,25649	1,85454	9,94489,87136	4,24500	10,05510,12864	30	
	40	9,82021,51808	2,39023	9,87527,40177	1,85472	9,94494,11631	4,24495	10,05505,88369	20	
	50	9,82023,90807	2,38999	9,87525,54686	1,85491	9,94498,36121	4,24490	10,05501,63879	10	
23	0	9,82026,29784	2,38977	9,87523,69178	1,85508	9,94502,60606	4,24485	10,05497,39394	o	37
	10	9,82028,68736	2,38952	9,87521,83651	1,85527	9,94506,85085	4,24479	10,05493,14915	50	
	20	9,82031,07665	2,38929	9,87519,98106	1,85545	9,94511,09559	4,24474	10,05488,90441	40	
	30	9,82033,46571	2,38906	9,87518,12543	1,85563	9,94515,34028	4,24469	10,05484,65972	30	
	40	9,82035,85454	2,38883	9,87516,26962	1,85581	9,94519,58492	4,24464	10,05480,41508	20	
	50	9,82038,24313	2,38859	9,87514,41363	1,85599	9,94523,82951	4,24459	10,05476,17049	10	
24	0	9,82040,63149	2,38836	9,87512,55745	1,85618	9,94528,07404	4,24453	10,05471,92596	o	36
	10	9,82043,01962	2,38813	9,87510,70110	1,85635	9,94532,31852	4,24448	10,05467,68148	50	
	20	9,82045,40751	2,38789	9,87508,84456	1,85654	9,94536,56295	4,24443	10,05463,43705	40	
	30	9,82047,79517	2,38766	9,87506,98784	1,85672	9,94540,80733	4,24438	10,05459,19267	30	
	40	9,82050,18260	2,38743	9,87505,13094	1,85690	9,94545,05165	4,24432	10,05454,94835	20	
	50	9,82052,56979	2,38719	9,87503,27386	1,85708	9,94549,29593	4,24428	10,05450,70407	10	
25	0	9,82054,95675	2,38696	9,87501,41660	1,85726	9,94553,54015	4,24422	10,05446,45985	o	35
	10	9,82057,34347	2,38672	9,87499,55915	1,85745	9,94557,78432	4,24417	10,05442,21568	50	
	20	9,82059,72997	2,38650	9,87497,70153	1,85762	9,94562,02844	4,24412	10,05437,97156	40	
	30	9,82062,11623	2,38626	9,87495,84372	1,85781	9,94566,27250	4,24406	10,05433,72750	30	
	40	9,82064,50225	2,38602	9,87493,98573	1,85799	9,94570,51652	4,24402	10,05429,48348	20	
	50	9,82066,88805	2,38580	9,87492,12756	1,85817	9,94574,76048	4,24396	10,05425,23952	10	
26	0	9,82069,27361	2,38556	9,87490,26921	1,85835	9,94579,00440	4,24392	10,05420,99560	o	34
	10	9,82071,65893	2,38532	9,87488,41068	1,85853	9,94583,24826	4,24386	10,05416,75174	50	
	20	9,82074,04403	2,38510	9,87486,55196	1,85872	9,94587,49207	4,24381	10,05412,50793	40	
	30	9,82076,42889	2,38486	9,87484,69306	1,85890	9,94591,73582	4,24375	10,05408,26418	30	
	40	9,82078,81352	2,38463	9,87482,83399	1,85907	9,94595,97953	4,24371	10,05404,02047	20	
	50	9,82081,19791	2,38439	9,87480,97472	1,85927	9,94600,22319	4,24366	10,05399,77681	10	
27	0	9,82083,58207	2,38416	9,87479,11528	1,85944	9,94604,46679	4,24360	10,05395,53321	o	33
	10	9,82085,96600	2,38393	9,87477,25566	1,85962	9,94608,71034	4,24355	10,05391,28966	50	
	20	9,82088,34970	2,38370	9,87475,39585	1,85981	9,94612,95384	4,24350	10,05387,04616	40	
	30	9,82090,73316	2,38346	9,87473,53587	1,85998	9,94617,19729	4,24345	10,05382,80271	30	
	40	9,82093,11639	2,38323	9,87471,67570	1,86017	9,94621,44069	4,24340	10,05378,55931	20	
	50	9,82095,49939	2,38300	9,87469,81535	1,86035	9,94625,68404	4,24335	10,05374,31596	10	
28	0	9,82097,88215	2,38276	9,87467,95481	1,86054	9,94629,92734	4,24330	10,05370,07266	o	32
	10	9,82100,26468	2,38253	9,87466,09410	1,86071	9,94634,17058	4,24324	10,05365,82942	50	
	20	9,82102,64698	2,38230	9,87464,23320	1,86090	9,94638,41378	4,24320	10,05361,58622	40	
	30	9,82105,02905	2,38207	9,87462,37213	1,86107	9,94642,65692	4,24314	10,05357,34308	30	
	40	9,82107,41088	2,38183	9,87460,51087	1,86126	9,94646,90001	4,24309	10,05353,09999	20	
	50	9,82109,79248	2,38160	9,87458,64943	1,86144	9,94651,14306	4,24305	10,05348,85694	10	
29	0	9,82112,17385	2,38137	9,87456,78780	1,86163	9,94655,38605	4,24299	10,05344,61395	o	31
	10	9,82114,55499	2,38114	9,87454,92600	1,86180	9,94659,62899	4,24294	10,05340,37101	50	
	20	9,82116,93589	2,38090	9,87453,06401	1,86199	9,94663,87188	4,24289	10,05336,12812	40	
	30	9,82119,31656	2,38067	9,87451,20184	1,86217	9,94668,11472	4,24284	10,05331,88528	30	
	40	9,82121,69700	2,38044	9,87449,33949	1,86235	9,94672,35751	4,24279	10,05327,64249	20	
	50	9,82124,07720	2,38020	9,87447,47696	1,86253	9,94676,60025	4,24274	10,05323,39975	10	
30	0	9,82126,45717	2,37997	9,87445,61424	1,86272	9,94680,84293	4,24268	10,05319,15707	o	30
		Sin. Comple.	2,37974	SINVVM	1,86290	Tang. compl.	4,24264	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,82126,45717		9,87445,61424		9,94680,84293		10,05319,15707	0	30
	10	9,82128,83691	2,37974	9,87443,75134	1,86290	9,94685,08557	4,24264	10,05314,91443	50	
	20	9,82131,21642	2,37951	9,87441,88827	1,86307	9,94689,32816	4,24259	10,05310,67184	40	
	30	9,82133,59570	2,37928	9,87440,02501	1,86326	9,94693,57069	4,24253	10,05306,42931	30	
	40	9,82135,97474	2,37904	9,87438,16156	1,86345	9,94697,81318	4,24249	10,05302,18682	20	
	50	9,82138,35355	2,37881	9,87436,29794	1,86362	9,94702,05561	4,24243	10,05297,94439	10	
31	0	9,82140,73213	2,37858	9,87434,43413	1,86381	9,94706,29800	4,24239	10,05293,70200	0	29
	10	9,82143,11047	2,37834	9,87432,57014	1,86399	9,94710,54033	4,24233	10,05289,45967	50	
	20	9,82145,48859	2,37812	9,87430,70597	1,86417	9,94714,78262	4,24229	10,05285,21738	40	
	30	9,82147,86647	2,37788	9,87428,84162	1,86435	9,94719,02485	4,24223	10,05280,97515	30	
	40	9,82150,24412	2,37765	9,87426,97708	1,86454	9,94723,26704	4,24219	10,05276,73296	20	
	50	9,82152,62153	2,37741	9,87425,11236	1,86472	9,94727,50917	4,24213	10,05272,49083	10	
32	0	9,82154,99872	2,37719	9,87423,24746	1,86490	9,94731,75126	4,24209	10,05268,24874	0	28
	10	9,82157,37567	2,37695	9,87421,38238	1,86508	9,94735,99329	4,24203	10,05264,00671	50	
	20	9,82159,75239	2,37672	9,87419,51712	1,86526	9,94739,99329	4,24198	10,05260,00671	40	
	30	9,82162,12888	2,37649	9,87417,65167	1,86545	9,94740,23527	4,24194	10,05259,76473	30	
	40	9,82164,50514	2,37626	9,87415,78604	1,86563	9,94744,47721	4,24188	10,05255,52279	20	
	50	9,82166,88116	2,37602	9,87413,92023	1,86581	9,94748,71909	4,24184	10,05251,28091	10	
33	0	9,82169,25695	2,37579	9,87412,05424	1,86599	9,94752,96093	4,24178	10,05247,03907	0	27
	10	9,82171,63251	2,37556	9,87410,18806	1,86618	9,94757,20271	4,24174	10,05242,79729	50	
	20	9,82174,00784	2,37533	9,87408,32171	1,86635	9,94761,44445	4,24168	10,05238,55555	40	
	30	9,82176,38293	2,37509	9,87406,45517	1,86654	9,94765,68613	4,24164	10,05234,31387	30	
	40	9,82178,75780	2,37487	9,87404,58845	1,86672	9,94769,92777	4,24158	10,05230,07223	20	
	50	9,82181,13243	2,37463	9,87402,72154	1,86691	9,94774,16935	4,24154	10,05225,83065	10	
34	0	9,82183,50683	2,37440	9,87400,85445	1,86709	9,94778,41089	4,24149	10,05221,58911	0	26
	10	9,82185,88100	2,37417	9,87398,98718	1,86727	9,94782,65238	4,24143	10,05217,34762	50	
	20	9,82188,25493	2,37393	9,87397,11973	1,86745	9,94786,89381	4,24139	10,05213,10619	40	
	30	9,82190,62864	2,37371	9,87395,25210	1,86763	9,94791,13520	4,24134	10,05208,86480	30	
	40	9,82193,00211	2,37347	9,87393,38428	1,86782	9,94795,37654	4,24129	10,05204,62346	20	
	50	9,82195,37535	2,37324	9,87391,51628	1,86800	9,94799,61783	4,24124	10,05200,38217	10	
35	0	9,82197,74836	2,37301	9,87389,64810	1,86818	9,94803,85907	4,24119	10,05196,14093	0	25
	10	9,82200,12114	2,37278	9,87387,77974	1,86836	9,94808,10026	4,24114	10,05191,89974	50	
	20	9,82202,49368	2,37254	9,87385,91119	1,86855	9,94812,34140	4,24109	10,05187,65860	40	
	30	9,82204,86600	2,37232	9,87384,04247	1,86872	9,94816,58249	4,24104	10,05183,41751	30	
	40	9,82207,23808	2,37208	9,87382,17355	1,86892	9,94820,82353	4,24099	10,05179,17647	20	
	50	9,82209,60993	2,37185	9,87380,30446	1,86909	9,94825,06452	4,24095	10,05174,93548	10	
36	0	9,82211,98155	2,37162	9,87378,43518	1,86928	9,94829,30547	4,24089	10,05170,69453	0	24
	10	9,82214,35294	2,37139	9,87376,56573	1,86945	9,94833,54636	4,24085	10,05166,45364	50	
	20	9,82216,72409	2,37115	9,87374,69609	1,86964	9,94837,78721	4,24080	10,05162,21279	40	
	30	9,82219,09502	2,37093	9,87372,82626	1,86983	9,94842,02801	4,24074	10,05157,97199	30	
	40	9,82221,46571	2,37069	9,87370,95626	1,87000	9,94846,26875	4,24070	10,05153,73125	20	
	50	9,82223,83617	2,37046	9,87369,08607	1,87019	9,94850,50945	4,24065	10,05149,49055	10	
37	0	9,82226,20640	2,37023	9,87367,21569	1,87038	9,94854,75010	4,24061	10,05145,24990	0	23
	10	9,82228,57640	2,37000	9,87365,34514	1,87055	9,94858,99071	4,24055	10,05141,00929	50	
	20	9,82230,94617	2,36977	9,87363,47440	1,87074	9,94863,23126	4,24050	10,05136,76874	40	
	30	9,82233,31570	2,36953	9,87361,60348	1,87092	9,94867,47176	4,24046	10,05132,52824	30	
	40	9,82235,68501	2,36931	9,87359,73238	1,87110	9,94871,71222	4,24040	10,05128,28778	20	
	50	9,82238,05408	2,36907	9,87357,86110	1,87128	9,94875,95262	4,24036	10,05124,04738	10	
38	0	9,82240,42292	2,36884	9,87355,98963	1,87147	9,94880,19298	4,24031	10,05119,80702	0	22
	10	9,82242,79153	2,36861	9,87354,11798	1,87165	9,94884,43329	4,24026	10,05115,56671	50	
	20	9,82245,15991	2,36838	9,87352,24615	1,87183	9,94888,67355	4,24021	10,05111,32645	40	
	30	9,82247,52806	2,36815	9,87350,37413	1,87202	9,94892,91376	4,24017	10,05107,08624	30	
	40	9,82249,89598	2,36792	9,87348,50193	1,87220	9,94897,15393	4,24011	10,05102,84607	20	
	50	9,82252,26366	2,36768	9,87346,62955	1,87238	9,94901,39404	4,24007	10,05098,60596	10	
39	0	9,82254,63112	2,36746	9,87344,75699	1,87256	9,94905,63411	4,24002	10,05094,36589	0	21
	10	9,82256,99834	2,36722	9,87342,88424	1,87275	9,94909,87413	4,23997	10,05090,12587	50	
	20	9,82259,36533	2,36699	9,87341,01131	1,87293	9,94914,11410	4,23992	10,05085,88590	40	
	30	9,82261,73209	2,36676	9,87339,13820	1,87311	9,94918,35402	4,23988	10,05081,64598	30	
	40	9,82264,09862	2,36653	9,87337,26490	1,87330	9,94922,59390	4,23982	10,05077,40610	20	
	50	9,82266,46492	2,36630	9,87335,39142	1,87348	9,94926,83372	4,23978	10,05073,16628	10	
40	0	9,82268,83099	2,36607	9,87333,51776	1,87366	9,94931,07350	4,23973	10,05068,92650	0	20
			2,36584		1,87384	9,94935,31323	4,23968	10,05064,68677		
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,82268,83099		9,87333,51776		9,94935,31323		10,05064,68677	o	20
41	10	9,82271,19683	2,36584	9,87331,64392	1,87384	9,94939,55291	4,23968	10,05060,44709	50	19
	20	9,82273,56243	2,36560	9,87329,76989	1,87403	9,94943,79254	4,23963	10,05056,20746	40	
	30	9,82275,92781	2,36538	9,87327,89568	1,87421	9,94948,03213	4,23959	10,05051,96787	30	
	40	9,82278,29295	2,36514	9,87326,02129	1,87439	9,94952,27167	4,23954	10,05047,72833	20	
	50	9,82280,65787	2,36492	9,87324,14671	1,87458	9,94956,51116	4,23949	10,05043,48884	10	
	0	9,82283,02255	2,36468	9,87322,27195	1,87476	9,94960,75060	4,23944	10,05039,24940	0	
	10	9,82285,38700	2,36445	9,87320,39701	1,87494	9,94964,98999	4,23939	10,05035,01001	50	
	20	9,82287,75122	2,36422	9,87318,52188	1,87513	9,94969,22934	4,23935	10,05030,77066	40	
	30	9,82290,11521	2,36399	9,87316,64658	1,87530	9,94973,46864	4,23930	10,05026,53136	30	
	40	9,82292,47897	2,36376	9,87314,77108	1,87550	9,94977,70789	4,23925	10,05022,29211	20	
42	50	9,82294,84250	2,36353	9,87312,89541	1,87567	9,94981,94709	4,23920	10,05018,05291	10	18
	0	9,82297,20580	2,36330	9,87311,01955	1,87586	9,94986,18625	4,23916	10,05013,81375	0	
	10	9,82299,56887	2,36307	9,87309,14351	1,87604	9,94990,42535	4,23910	10,05009,57465	50	
	20	9,82301,93170	2,36283	9,87307,26729	1,87622	9,94994,66442	4,23907	10,05005,33558	40	
	30	9,82304,29431	2,36261	9,87305,39088	1,87641	9,94998,90343	4,23901	10,05001,09657	30	
	40	9,82306,65668	2,36237	9,87303,51429	1,87659	9,95003,14239	4,23896	10,04996,85761	20	
	50	9,82309,01883	2,36215	9,87301,63752	1,87677	9,95007,38131	4,23892	10,04992,61869	10	
	0	9,82311,38074	2,36191	9,87299,76056	1,87696	9,95011,62018	4,23887	10,04988,37982	0	
	10	9,82313,74243	2,36169	9,87297,88342	1,87714	9,95015,85901	4,23883	10,04984,14099	50	
	20	9,82316,10388	2,36145	9,87296,00610	1,87732	9,95020,09778	4,23877	10,04979,90222	40	
43	30	9,82318,46510	2,36122	9,87294,12859	1,87751	9,95024,33651	4,23873	10,04975,66349	30	17
	40	9,82320,82610	2,36100	9,87292,25090	1,87769	9,95028,57519	4,23868	10,04971,42481	20	
	50	9,82323,18686	2,36076	9,87290,37303	1,87787	9,95032,81383	4,23864	10,04967,18617	10	
	0	9,82325,54739	2,36053	9,87288,49497	1,87806	9,95037,05242	4,23859	10,04962,94758	0	
	10	9,82327,90769	2,36030	9,87286,61674	1,87823	9,95041,29096	4,23854	10,04958,70904	50	
	20	9,82330,26776	2,36007	9,87284,73831	1,87843	9,95045,52945	4,23849	10,04954,47055	40	
	30	9,82332,62760	2,35984	9,87282,85971	1,87860	9,95049,76790	4,23845	10,04950,23210	30	
	40	9,82334,98721	2,35961	9,87280,98092	1,87879	9,95054,00630	4,23840	10,04945,99370	20	
	50	9,82337,34659	2,35938	9,87279,10195	1,87897	9,95058,24465	4,23835	10,04941,75535	10	
	0	9,82339,70574	2,35915	9,87277,22279	1,87916	9,95062,48296	4,23831	10,04937,51704	0	
44	10	9,82342,06466	2,35892	9,87275,34345	1,87934	9,95066,72121	4,23825	10,04933,27879	50	16
	20	9,82344,42335	2,35869	9,87273,46393	1,87952	9,95070,95943	4,23822	10,04929,04057	40	
	30	9,82346,78181	2,35846	9,87271,58422	1,87971	9,95075,19759	4,23816	10,04924,80241	30	
	40	9,82349,14004	2,35823	9,87269,70433	1,87989	9,95079,43571	4,23812	10,04920,56429	20	
	50	9,82351,49804	2,35800	9,87267,82426	1,88007	9,95083,67378	4,23807	10,04916,32622	10	
	0	9,82353,85581	2,35777	9,87265,94400	1,88026	9,95087,91181	4,23803	10,04912,08819	0	
	10	9,82356,21335	2,35754	9,87264,06356	1,88044	9,95092,14979	4,23798	10,04907,85021	50	
	20	9,82358,57066	2,35731	9,87262,18294	1,88062	9,95096,38772	4,23793	10,04903,61228	40	
	30	9,82360,92774	2,35708	9,87260,30213	1,88081	9,95100,62561	4,23789	10,04899,37439	30	
	40	9,82363,28459	2,35685	9,87258,42114	1,88099	9,95104,86344	4,23783	10,04895,13656	20	
45	50	9,82365,64120	2,35661	9,87256,53997	1,88117	9,95109,10124	4,23780	10,04890,89876	10	15
	0	9,82367,99759	2,35639	9,87254,65861	1,88136	9,95113,33898	4,23774	10,04886,66102	0	
	10	9,82370,35375	2,35616	9,87252,77707	1,88154	9,95117,57669	4,23771	10,04882,42331	50	
	20	9,82372,70968	2,35593	9,87250,89534	1,88173	9,95121,81434	4,23765	10,04878,18566	40	
	30	9,82375,06538	2,35570	9,87249,01343	1,88191	9,95126,05195	4,23761	10,04873,94805	30	
	40	9,82377,42085	2,35547	9,87247,13134	1,88209	9,95130,28951	4,23756	10,04869,71049	20	
	50	9,82379,77609	2,35524	9,87245,24907	1,88227	9,95134,52702	4,23751	10,04865,47298	10	
	0	9,82382,13110	2,35501	9,87243,36661	1,88246	9,95138,76449	4,23747	10,04861,23551	0	
	10	9,82384,48588	2,35478	9,87241,48396	1,88265	9,95143,00192	4,23743	10,04856,99808	50	
	20	9,82386,84043	2,35455	9,87239,60114	1,88282	9,95147,23929	4,23737	10,04852,76071	40	
46	30	9,82389,19475	2,35432	9,87237,71813	1,88301	9,95151,47662	4,23733	10,04848,52338	30	14
	40	9,82391,54884	2,35409	9,87235,83493	1,88320	9,95155,71391	4,23729	10,04844,28609	20	
	50	9,82393,90270	2,35386	9,87233,95155	1,88338	9,95159,95115	4,23724	10,04840,04885	10	
	0	9,82396,25633	2,35363	9,87232,06799	1,88356	9,95164,18834	4,23719	10,04835,81166	0	
	10	9,82398,60974	2,35341	9,87230,18425	1,88374	9,95168,42549	4,23715	10,04831,57451	50	
	20	9,82400,96291	2,35317	9,87228,30032	1,88393	9,95172,66259	4,23710	10,04827,33741	40	
	30	9,82403,31585	2,35294	9,87226,41620	1,88412	9,95176,89965	4,23706	10,04823,10035	30	
	40	9,82405,66856	2,35271	9,87224,53191	1,88429	9,95181,13666	4,23701	10,04818,86334	20	
	50	9,82408,02105	2,35249	9,87222,64743	1,88448	9,95185,37362	4,23696	10,04814,62638	10	
	0	9,82410,37330	2,35225	9,87220,76276	1,88467	9,95189,61054	4,23692	10,04810,38946	0	
50		Sin. Comple.	2,35203	SINVVM	1,88485	Tang. compl.	4,23687	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,82410,37330		9,87220,76276		9,95189,61054		10,04810,38946	0	10
	10	9,82412,72533	2,35203	9,87218,87791	1,88485	9,95193,84741	4,23687	10,04806,15259	50	
	20	9,82415,07712	2,35179	9,87216,99288	1,88503	9,95198,08424	4,23683	10,04801,91576	40	
	30	9,82417,42869	2,35157	9,87215,10766	1,88522	9,95202,32102	4,23678	10,04797,67898	30	
	40	9,82419,78003	2,35134	9,87213,22226	1,88540	9,95206,55776	4,23674	10,04793,44224	20	
	50	9,82422,13113	2,35110	9,87211,33668	1,88558	9,95210,79445	4,23669	10,04789,20555	10	
51	0	9,82424,48201	2,35088	9,87209,45091	1,88577	9,95215,03110	4,23665	10,04784,96890	0	9
	10	9,82426,83266	2,35065	9,87207,56496	1,88595	9,95219,26770	4,23660	10,04780,73230	50	
	20	9,82429,18308	2,35042	9,87205,67882	1,88614	9,95223,50425	4,23655	10,04776,49575	40	
	30	9,82431,53327	2,35019	9,87203,79250	1,88632	9,95227,74076	4,23651	10,04772,25924	30	
	40	9,82433,88323	2,34996	9,87201,90600	1,88650	9,95231,97723	4,23647	10,04768,02277	20	
	50	9,82436,23296	2,34973	9,87200,01931	1,88669	9,95236,21365	4,23642	10,04763,78635	10	
52	0	9,82438,58246	2,34950	9,87198,13244	1,88687	9,95240,45002	4,23637	10,04759,54998	0	8
	10	9,82440,93173	2,34927	9,87196,24538	1,88706	9,95244,68635	4,23633	10,04755,31365	50	
	20	9,82443,28078	2,34905	9,87194,35814	1,88724	9,95248,92264	4,23629	10,04751,07736	40	
	30	9,82445,62959	2,34881	9,87192,47072	1,88742	9,95253,15888	4,23624	10,04746,84112	30	
	40	9,82447,97818	2,34859	9,87190,58311	1,88761	9,95257,39507	4,23619	10,04742,60493	20	
	50	9,82450,32654	2,34836	9,87188,69532	1,88779	9,95261,63122	4,23615	10,04738,36878	10	
53	0	9,82452,67466	2,34812	9,87186,80734	1,88798	9,95265,86732	4,23610	10,04734,13268	0	7
	10	9,82455,02256	2,34790	9,87184,91918	1,88816	9,95270,10338	4,23606	10,04729,89662	50	
	20	9,82457,37023	2,34767	9,87183,03083	1,88835	9,95274,33940	4,23602	10,04725,66060	40	
	30	9,82459,71767	2,34744	9,87181,14230	1,88853	9,95278,57537	4,23597	10,04721,42463	30	
	40	9,82462,06488	2,34721	9,87179,25359	1,88871	9,95282,81129	4,23592	10,04717,18871	20	
	50	9,82464,41187	2,34699	9,87177,36469	1,88890	9,95287,04717	4,23588	10,04712,95283	10	
54	0	9,82466,75862	2,34675	9,87175,47561	1,88908	9,95291,28301	4,23584	10,04708,71699	0	6
	10	9,82469,10515	2,34653	9,87173,58634	1,88927	9,95295,51880	4,23579	10,04704,48120	50	
	20	9,82471,45144	2,34629	9,87171,69689	1,88945	9,95299,75455	4,23575	10,04700,24545	40	
	30	9,82473,79751	2,34607	9,87169,80726	1,88963	9,95303,99025	4,23570	10,04696,00975	30	
	40	9,82476,14335	2,34584	9,87167,91744	1,88982	9,95308,22591	4,23566	10,04691,77409	20	
	50	9,82478,48896	2,34561	9,87166,02743	1,89001	9,95312,46152	4,23561	10,04687,53848	10	
55	0	9,82480,83434	2,34538	9,87164,13725	1,89018	9,95316,69709	4,23557	10,04683,30291	0	5
	10	9,82483,17949	2,34515	9,87162,24687	1,89038	9,95320,93261	4,23552	10,04679,06739	50	
	20	9,82485,52441	2,34492	9,87160,35632	1,89055	9,95325,16809	4,23548	10,04674,83191	40	
	30	9,82487,86911	2,34470	9,87158,46558	1,89074	9,95329,40353	4,23544	10,04670,59647	30	
	40	9,82490,21357	2,34446	9,87156,57465	1,89093	9,95333,63892	4,23539	10,04666,36108	20	
	50	9,82492,55781	2,34424	9,87154,68354	1,89111	9,95337,87427	4,23535	10,04662,12573	10	
56	0	9,82494,90182	2,34401	9,87152,79225	1,89129	9,95342,10957	4,23530	10,04657,89043	0	4
	10	9,82497,24560	2,34378	9,87150,90077	1,89148	9,95346,34483	4,23526	10,04653,65517	50	
	20	9,82499,58915	2,34355	9,87149,00911	1,89166	9,95350,58005	4,23522	10,04649,41995	40	
	30	9,82501,93248	2,34333	9,87147,11726	1,89185	9,95354,81522	4,23517	10,04645,18478	30	
	40	9,82504,27557	2,34309	9,87145,22523	1,89203	9,95359,05034	4,23512	10,04640,94966	20	
	50	9,82506,61844	2,34287	9,87143,33301	1,89222	9,95363,28543	4,23509	10,04636,71457	10	
57	0	9,82508,96107	2,34263	9,87141,44061	1,89240	9,95367,52047	4,23504	10,04632,47953	0	3
	10	9,82511,30348	2,34241	9,87139,54802	1,89259	9,95371,75546	4,23499	10,04628,24454	50	
	20	9,82513,64566	2,34218	9,87137,65525	1,89277	9,95375,99041	4,23495	10,04624,00959	40	
	30	9,82515,98762	2,34196	9,87135,76230	1,89295	9,95380,22532	4,23491	10,04619,77468	30	
	40	9,82518,32934	2,34172	9,87133,86916	1,89314	9,95384,46018	4,23486	10,04615,53982	20	
	50	9,82520,67084	2,34150	9,87131,97583	1,89333	9,95388,69500	4,23482	10,04611,30500	10	
58	0	9,82523,01211	2,34127	9,87130,08233	1,89350	9,95392,92978	4,23478	10,04607,07022	0	2
	10	9,82525,35314	2,34103	9,87128,18863	1,89370	9,95397,16451	4,23473	10,04602,83549	50	
	20	9,82527,69396	2,34082	9,87126,29475	1,89388	9,95401,39920	4,23469	10,04598,60080	40	
	30	9,82530,03454	2,34058	9,87124,40069	1,89406	9,95405,63385	4,23465	10,04594,36615	30	
	40	9,82532,37489	2,34035	9,87122,50644	1,89425	9,95409,86845	4,23460	10,04590,13155	20	
	50	9,82534,71502	2,34013	9,87120,61201	1,89443	9,95414,10301	4,23456	10,04585,89699	10	
59	0	9,82537,05492	2,33990	9,87118,71740	1,89461	9,95418,33752	4,23451	10,04581,66248	0	1
	10	9,82539,39459	2,33967	9,87116,82259	1,89481	9,95422,57199	4,23447	10,04577,42801	50	
	20	9,82541,73403	2,33944	9,87114,92761	1,89498	9,95426,80642	4,23443	10,04573,19358	40	
	30	9,82544,07324	2,33921	9,87113,03244	1,89517	9,95431,04081	4,23439	10,04568,95919	30	
	40	9,82546,41223	2,33899	9,87111,13708	1,89536	9,95435,27515	4,23434	10,04564,72485	20	
	50	9,82548,75099	2,33876	9,87109,24154	1,89554	9,95439,50945	4,23430	10,04560,49055	10	
60	0	9,82551,08952	2,33853	9,87107,34581	1,89573	9,95443,74370	4,23425	10,04556,25630	0	0
			2,33830		1,89591		4,23422			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,82551,08952		9,87107,34581		9,95443,74370		10,04556,25630	o	60
	10	9,82553,42782	2,33830	9,87105,44990	1,89591	9,95447,97792	4,23422	10,04552,02208	50	
	20	9,82555,76589	2,33807	9,87103,55381	1,89609	9,95452,21208	4,23416	10,04547,78792	40	
	30	9,82558,10374	2,33785	9,87101,65753	1,89628	9,95456,44621	4,23413	10,04543,55379	30	
	40	9,82560,44136	2,33762	9,87099,76106	1,89647	9,95460,68029	4,23408	10,04539,31971	20	
	50	9,82562,77875	2,33739	9,87097,86441	1,89665	9,95464,91433	4,23404	10,04535,08567	10	
1	0	9,82565,11591	2,33716	9,87095,96758	1,89683	9,95469,14833	4,23400	10,04530,85167	o	59
	10	9,82567,45284	2,33693	9,87094,07056	1,89702	9,95473,38228	4,23395	10,04526,61772	50	
	20	9,82569,78955	2,33671	9,87092,17336	1,89720	9,95477,61620	4,23392	10,04522,38380	40	
	30	9,82572,12603	2,33648	9,87090,27597	1,89739	9,95481,85006	4,23386	10,04518,14994	30	
	40	9,82574,46228	2,33625	9,87088,37839	1,89758	9,95486,08389	4,23383	10,04513,91611	20	
	50	9,82576,79830	2,33602	9,87086,48063	1,89776	9,95490,31767	4,23378	10,04509,68233	10	
2	0	9,82579,13410	2,33580	9,87084,58269	1,89794	9,95494,55141	4,23374	10,04505,44859	o	58
	10	9,82581,46967	2,33557	9,87082,68456	1,89813	9,95498,78511	4,23370	10,04501,21489	50	
	20	9,82583,80501	2,33534	9,87080,78624	1,89832	9,95503,01876	4,23365	10,04496,98124	40	
	30	9,82586,14012	2,33511	9,87078,88774	1,89850	9,95507,25238	4,23362	10,04492,74762	30	
	40	9,82588,47500	2,33488	9,87076,98906	1,89868	9,95511,48595	4,23357	10,04488,51405	20	
	50	9,82590,80966	2,33466	9,87075,09019	1,89887	9,95515,71947	4,23352	10,04484,28053	10	
3	0	9,82593,14409	2,33443	9,87073,19113	1,89906	9,95519,95296	4,23349	10,04480,04704	o	57
	10	9,82595,47829	2,33420	9,87071,29189	1,89924	9,95524,18640	4,23344	10,04475,81360	50	
	20	9,82597,81227	2,33398	9,87069,39247	1,89942	9,95528,41980	4,23340	10,04471,58020	40	
	30	9,82600,14602	2,33375	9,87067,49286	1,89961	9,95532,65316	4,23336	10,04467,34684	30	
	40	9,82602,47954	2,33352	9,87065,59306	1,89980	9,95536,88647	4,23331	10,04463,11353	20	
	50	9,82604,81283	2,33329	9,87063,69308	1,89998	9,95541,11975	4,23328	10,04458,88025	10	
4	0	9,82607,14589	2,33306	9,87061,79292	1,90016	9,95545,35298	4,23323	10,04454,64702	o	56
	10	9,82609,47873	2,33284	9,87059,89256	1,90036	9,95549,58617	4,23319	10,04450,41383	50	
	20	9,82611,81134	2,33261	9,87057,99203	1,90053	9,95553,81931	4,23314	10,04446,18069	40	
	30	9,82614,14372	2,33238	9,87055,09131	1,90072	9,95558,05242	4,23311	10,04441,94758	30	
	40	9,82616,47588	2,33216	9,87054,19040	1,90091	9,95562,28548	4,23306	10,04437,71452	20	
	50	9,82618,80781	2,33193	9,87052,28931	1,90109	9,95566,51850	4,23302	10,04433,48150	10	
5	0	9,82621,13951	2,33170	9,87050,38803	1,90128	9,95570,75148	4,23298	10,04429,24852	o	55
	10	9,82623,47098	2,33147	9,87048,48657	1,90146	9,95574,98442	4,23294	10,04425,01558	50	
	20	9,82625,80223	2,33125	9,87046,58492	1,90165	9,95579,21731	4,23289	10,04420,78269	40	
	30	9,82628,13325	2,33102	9,87044,68308	1,90184	9,95583,45016	4,23285	10,04416,54984	30	
	40	9,82630,46404	2,33079	9,87042,78107	1,90201	9,95587,68297	4,23281	10,04412,31703	20	
	50	9,82632,79460	2,33056	9,87040,87886	1,90221	9,95591,91574	4,23277	10,04408,08426	10	
6	0	9,82635,12494	2,33034	9,87038,97647	1,90239	9,95596,14847	4,23273	10,04403,85153	o	54
	10	9,82637,45505	2,33011	9,87037,07390	1,90257	9,95600,38116	4,23269	10,04399,61884	50	
	20	9,82639,78494	2,32989	9,87035,17114	1,90276	9,95604,61380	4,23264	10,04395,38620	40	
	30	9,82642,11459	2,32965	9,87033,26819	1,90295	9,95608,84640	4,23260	10,04391,15360	30	
	40	9,82644,44402	2,32943	9,87031,36506	1,90313	9,95613,07896	4,23256	10,04386,92104	20	
	50	9,82646,77322	2,32920	9,87029,46174	1,90332	9,95617,31148	4,23252	10,04382,68852	10	
7	0	9,82649,10220	2,32898	9,87027,55824	1,90350	9,95621,54396	4,23248	10,04378,45604	o	53
	10	9,82651,43095	2,32875	9,87025,65455	1,90369	9,95625,77640	4,23244	10,04374,22360	50	
	20	9,82653,75947	2,32852	9,87023,75068	1,90387	9,95630,00879	4,23239	10,04369,99121	40	
	30	9,82656,08776	2,32829	9,87021,84662	1,90406	9,95634,24115	4,23236	10,04365,75885	30	
	40	9,82658,41583	2,32807	9,87019,94237	1,90425	9,95638,47346	4,23231	10,04361,52654	20	
	50	9,82660,74367	2,32784	9,87018,03794	1,90443	9,95642,70573	4,23227	10,04357,29427	10	
8	0	9,82663,07129	2,32762	9,87016,13333	1,90461	9,95646,93796	4,23223	10,04353,06204	o	52
	10	9,82665,39867	2,32738	9,87014,22853	1,90480	9,95651,17015	4,23219	10,04348,82985	50	
	20	9,82667,72583	2,32716	9,87012,32354	1,90499	9,95655,40230	4,23215	10,04344,59770	40	
	30	9,82670,05277	2,32694	9,87010,41837	1,90517	9,95659,63440	4,23210	10,04340,36560	30	
	40	9,82672,37947	2,32670	9,87008,51301	1,90536	9,95663,86647	4,23207	10,04336,13353	20	
	50	9,82674,70595	2,32648	9,87006,60746	1,90555	9,95668,09849	4,23202	10,04331,90151	10	
9	0	9,82677,03221	2,32626	9,87004,70173	1,90573	9,95672,33047	4,23198	10,04327,66953	o	51
	10	9,82679,35823	2,32602	9,87002,79582	1,90591	9,95676,56242	4,23195	10,04323,43758	50	
	20	9,82681,68403	2,32580	9,87000,88972	1,90610	9,95680,79432	4,23190	10,04319,20568	40	
	30	9,82684,00961	2,32558	9,86998,98343	1,90629	9,95685,02618	4,23186	10,04314,97382	30	
	40	9,82686,33496	2,32535	9,86997,07696	1,90647	9,95689,25800	4,23182	10,04310,74200	20	
	50	9,82688,66008	2,32512	9,86995,17030	1,90666	9,95693,48978	4,23178	10,04306,51022	10	
10	0	9,82690,98497	2,32489	9,86993,26345	1,90685	9,95697,72152	4,23174	10,04302,27848	o	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,82690,98497	2,32467	9,86993,26345	1,90703	9,95697,72152	4,23169	10,04302,27848	0	50
	10	9,82693,30964	2,32444	9,86991,35642	1,90721	9,95701,95321	4,23166	10,04298,04679	50	
	20	9,82695,63408	2,32421	9,86989,44921	1,90740	9,95706,18487	4,23162	10,04293,81513	40	
	30	9,82697,95829	2,32399	9,86987,54181	1,90759	9,95710,41649	4,23157	10,04289,58351	30	
	40	9,82700,28228	2,32376	9,86985,63422	1,90778	9,95714,64806	4,23154	10,04285,35194	20	
	50	9,82702,60604	2,32354	9,86983,72644	1,90795	9,95718,87960	4,23149	10,04281,12040	10	
11	0	9,82704,92958	2,32330	9,86981,81849	1,90815	9,95723,11109	4,23145	10,04276,88891	0	49
	10	9,82707,25288	2,32309	9,86979,91034	1,90833	9,95727,34254	4,23142	10,04272,65746	50	
	20	9,82709,57597	2,32285	9,86978,00201	1,90852	9,95731,57396	4,23137	10,04268,42604	40	
	30	9,82711,89882	2,32263	9,86976,09349	1,90870	9,95735,80533	4,23133	10,04264,19467	30	
	40	9,82714,22145	2,32241	9,86974,18479	1,90889	9,95740,03666	4,23130	10,04259,96334	20	
	50	9,82716,54386	2,32217	9,86972,27590	1,90908	9,95744,26796	4,23125	10,04255,73204	10	
12	0	9,82718,86603	2,32195	9,86970,36682	1,90926	9,95748,49921	4,23121	10,04251,50079	0	48
	10	9,82721,18798	2,32173	9,86968,45756	1,90944	9,95752,73042	4,23117	10,04247,26958	50	
	20	9,82723,50971	2,32150	9,86966,54812	1,90964	9,95756,96159	4,23113	10,04243,03841	40	
	30	9,82725,83121	2,32127	9,86964,63848	1,90982	9,95761,19272	4,23110	10,04238,80728	30	
	40	9,82728,15248	2,32105	9,86962,72866	1,91000	9,95765,42382	4,23105	10,04234,57618	20	
	50	9,82730,47353	2,32082	9,86960,81866	1,91019	9,95769,65487	4,23101	10,04230,34513	10	
13	0	9,82732,79435	2,32059	9,86958,90847	1,91038	9,95773,88588	4,23097	10,04226,11412	0	47
	10	9,82735,11494	2,32037	9,86956,99809	1,91056	9,95778,11685	4,23093	10,04221,88315	50	
	20	9,82737,43531	2,32014	9,86955,08753	1,91075	9,95782,34778	4,23089	10,04217,65222	40	
	30	9,82739,75545	2,31992	9,86953,17678	1,91094	9,95786,57867	4,23086	10,04213,42133	30	
	40	9,82742,07537	2,31969	9,86951,26584	1,91112	9,95790,80953	4,23081	10,04209,19047	20	
	50	9,82744,39506	2,31946	9,86949,35472	1,91131	9,95795,04034	4,23077	10,04204,95966	10	
14	0	9,82746,71452	2,31924	9,86947,44341	1,91149	9,95799,27111	4,23073	10,04200,72889	0	46
	10	9,82749,03376	2,31901	9,86945,53192	1,91169	9,95803,50184	4,23069	10,04196,49816	50	
	20	9,82751,35277	2,31879	9,86943,62023	1,91186	9,95807,73253	4,23066	10,04192,26747	40	
	30	9,82753,67156	2,31856	9,86941,70837	1,91206	9,95811,96319	4,23061	10,04188,03681	30	
	40	9,82755,99012	2,31833	9,86939,79631	1,91223	9,95816,19380	4,23058	10,04183,80620	20	
	50	9,82758,30845	2,31811	9,86937,88408	1,91243	9,95820,42438	4,23053	10,04179,57562	10	
15	0	9,82760,62656	2,31788	9,86935,97165	1,91261	9,95824,65491	4,23049	10,04175,34509	0	45
	10	9,82762,94444	2,31766	9,86934,05904	1,91280	9,95828,88540	4,23046	10,04171,11460	50	
	20	9,82765,26210	2,31743	9,86932,14624	1,91299	9,95833,11586	4,23042	10,04166,88414	40	
	30	9,82767,57953	2,31721	9,86930,23325	1,91317	9,95837,34628	4,23037	10,04162,65372	30	
	40	9,82769,89674	2,31698	9,86928,32008	1,91335	9,95841,57665	4,23034	10,04158,42335	20	
	50	9,82772,21372	2,31675	9,86926,40673	1,91355	9,95845,80699	4,23030	10,04154,19301	10	
16	0	9,82774,53047	2,31653	9,86924,49318	1,91373	9,95850,03729	4,23026	10,04149,96271	0	44
	10	9,82776,84700	2,31630	9,86922,57945	1,91391	9,95854,26755	4,23022	10,04145,73245	50	
	20	9,82779,16330	2,31608	9,86920,66554	1,91411	9,95858,49777	4,23018	10,04141,50223	40	
	30	9,82781,47938	2,31585	9,86918,75143	1,91429	9,95862,72795	4,23014	10,04137,27205	30	
	40	9,82783,79523	2,31563	9,86916,83714	1,91447	9,95866,95809	4,23010	10,04133,04191	20	
	50	9,82786,11086	2,31540	9,86914,92267	1,91467	9,95871,18819	4,23006	10,04128,81181	10	
17	0	9,82788,42626	2,31517	9,86913,00800	1,91484	9,95875,41825	4,23003	10,04124,58175	0	43
	10	9,82790,74143	2,31495	9,86911,09316	1,91504	9,95879,64828	4,22998	10,04120,35172	50	
	20	9,82793,05638	2,31473	9,86909,17812	1,91522	9,95883,87826	4,22995	10,04116,12174	40	
	30	9,82795,37111	2,31449	9,86907,26290	1,91541	9,95888,10821	4,22990	10,04111,89179	30	
	40	9,82797,68560	2,31428	9,86905,34749	1,91560	9,95892,33811	4,22987	10,04107,66189	20	
	50	9,82799,99988	2,31405	9,86903,43189	1,91578	9,95896,56798	4,22983	10,04103,43202	10	
18	0	9,82802,31393	2,31382	9,86901,51611	1,91597	9,95900,79781	4,22979	10,04099,20219	0	42
	10	9,82804,62775	2,31360	9,86899,60014	1,91615	9,95905,02760	4,22976	10,04094,97240	50	
	20	9,82806,94135	2,31337	9,86897,68399	1,91634	9,95909,25736	4,22971	10,04090,74264	40	
	30	9,82809,25472	2,31314	9,86895,76765	1,91653	9,95913,48707	4,22967	10,04086,51293	30	
	40	9,82811,56786	2,31293	9,86893,85112	1,91671	9,95917,71674	4,22964	10,04082,28326	20	
	50	9,82813,88079	2,31269	9,86891,93441	1,91691	9,95921,94638	4,22960	10,04078,05362	10	
19	0	9,82816,19348	2,31247	9,86890,01750	1,91708	9,95926,17598	4,22956	10,04073,82402	0	41
	10	9,82818,50595	2,31225	9,86888,10042	1,91728	9,95930,40554	4,22952	10,04069,59446	50	
	20	9,82820,81820	2,31202	9,86886,18314	1,91746	9,95934,63506	4,22948	10,04065,36494	40	
	30	9,82823,13022	2,31179	9,86884,26568	1,91765	9,95938,86454	4,22944	10,04061,13546	30	
	40	9,82825,44201	2,31157	9,86882,34803	1,91783	9,95943,09398	4,22941	10,04056,90602	20	
	50	9,82827,75358	2,31135	9,86880,43020	1,91803	9,95947,32339	4,22936	10,04052,67661	10	
20	0	9,82830,06493	2,31112	9,86878,51217	1,91820	9,95951,55275	4,22933	10,04048,44725	0	40
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,82830,06493		9,86878,51217		9,95951,55275		10,04048,44725	0	40
	10	9,82832,37605	2,31112	9,86876,59397	1,91820	9,95955,78208	4,22933	10,04044,21792	50	
	20	9,82834,68694	2,31089	9,86874,67557	1,91840	9,95960,01137	4,22929	10,04039,98863	40	
	30	9,82836,99761	2,31067	9,86872,75699	1,91858	9,95964,24063	4,22926	10,04035,75937	30	
	40	9,82839,30806	2,31045	9,86870,83822	1,91877	9,95968,46984	4,22921	10,04031,53016	20	
	50	9,82841,61828	2,31022	9,86868,91926	1,91896	9,95972,69902	4,22918	10,04027,30098	10	
21	0	9,82843,92827	2,30999	9,86867,00012	1,91914	9,95976,92815	4,22913	10,04023,07185	0	39
	10	9,82846,23804	2,30977	9,86865,08079	1,91933	9,95981,15725	4,22910	10,04018,84275	50	
	20	9,82848,54759	2,30955	9,86863,16127	1,91952	9,95985,38632	4,22907	10,04014,61368	40	
	30	9,82850,85691	2,30932	9,86861,24157	1,91970	9,95989,61534	4,22902	10,04010,38466	30	
	40	9,82853,16601	2,30910	9,86859,32168	1,91989	9,95993,84433	4,22899	10,04006,15567	20	
	50	9,82855,47488	2,30887	9,86857,40160	1,92008	9,95998,07327	4,22894	10,04001,92673	10	
22	0	9,82857,78352	2,30864	9,86855,48134	1,92026	9,96002,30218	4,22891	10,03997,69782	0	38
	10	9,82860,09194	2,30842	9,86853,56089	1,92045	9,96006,53106	4,22888	10,03993,46894	50	
	20	9,82862,40014	2,30820	9,86851,64025	1,92064	9,96010,75989	4,22883	10,03989,24011	40	
	30	9,82864,70811	2,30797	9,86849,71942	1,92083	9,96014,98869	4,22880	10,03985,01131	30	
	40	9,82867,01586	2,30775	9,86847,79841	1,92101	9,96019,21745	4,22876	10,03980,78255	20	
	50	9,82869,32338	2,30752	9,86845,87721	1,92120	9,96023,44617	4,22872	10,03976,55383	10	
23	0	9,82871,63068	2,30730	9,86843,95582	1,92139	9,96027,67485	4,22868	10,03972,32515	0	37
	10	9,82873,93775	2,30707	9,86842,03425	1,92157	9,96031,90350	4,22865	10,03968,09650	50	
	20	9,82876,24460	2,30685	9,86840,11249	1,92176	9,96036,13211	4,22861	10,03963,86789	40	
	30	9,82878,55122	2,30662	9,86838,19054	1,92195	9,96040,36068	4,22857	10,03959,63932	30	
	40	9,82880,85762	2,30640	9,86836,26840	1,92214	9,96044,58922	4,22854	10,03955,41078	20	
	50	9,82883,16379	2,30617	9,86834,34608	1,92232	9,96048,81771	4,22849	10,03951,18229	10	
24	0	9,82885,46974	2,30595	9,86832,42357	1,92251	9,96053,04617	4,22846	10,03946,95383	0	36
	10	9,82887,77547	2,30573	9,86830,50088	1,92269	9,96057,27459	4,22842	10,03942,72541	50	
	20	9,82890,08097	2,30550	9,86828,57799	1,92289	9,96061,50298	4,22839	10,03938,49702	40	
	30	9,82892,38625	2,30528	9,86826,65492	1,92307	9,96065,73133	4,22835	10,03934,26867	30	
	40	9,82894,69130	2,30505	9,86824,73166	1,92326	9,96069,95964	4,22831	10,03930,04036	20	
	50	9,82896,99613	2,30483	9,86822,80822	1,92344	9,96074,18791	4,22827	10,03925,81209	10	
25	0	9,82899,30073	2,30460	9,86820,88458	1,92364	9,96078,41615	4,22824	10,03921,58385	0	35
	10	9,82901,60511	2,30438	9,86818,96076	1,92382	9,96082,64434	4,22819	10,03917,35566	50	
	20	9,82903,90926	2,30415	9,86817,03676	1,92400	9,96086,87251	4,22817	10,03913,12749	40	
	30	9,82906,21319	2,30393	9,86815,11256	1,92420	9,96091,10063	4,22812	10,03908,89937	30	
	40	9,82908,51690	2,30371	9,86813,18818	1,92438	9,96095,32872	4,22809	10,03904,67128	20	
	50	9,82910,82038	2,30348	9,86811,26361	1,92457	9,96099,55677	4,22805	10,03900,44323	10	
26	0	9,82913,12364	2,30326	9,86809,33885	1,92476	9,96103,78478	4,22801	10,03896,21522	0	34
	10	9,82915,42667	2,30303	9,86807,41391	1,92494	9,96108,01276	4,22798	10,03891,98724	50	
	20	9,82917,72948	2,30281	9,86805,48878	1,92513	9,96112,24070	4,22794	10,03887,75930	40	
	30	9,82920,03206	2,30258	9,86803,56346	1,92532	9,96116,46861	4,22791	10,03883,53139	30	
	40	9,82922,33443	2,30237	9,86801,63795	1,92551	9,96120,69647	4,22786	10,03879,30353	20	
	50	9,82924,63656	2,30213	9,86799,71226	1,92569	9,96124,92430	4,22783	10,03875,07570	10	
27	0	9,82926,93847	2,30191	9,86797,78638	1,92588	9,96129,15210	4,22780	10,03870,84790	0	33
	10	9,82929,24016	2,30169	9,86795,86031	1,92607	9,96133,37986	4,22776	10,03866,62014	50	
	20	9,82931,54163	2,30147	9,86793,93405	1,92626	9,96137,60758	4,22772	10,03862,39242	40	
	30	9,82933,84287	2,30124	9,86792,00761	1,92644	9,96141,83526	4,22768	10,03858,16474	30	
	40	9,82936,14388	2,30101	9,86790,08097	1,92664	9,96146,06291	4,22765	10,03853,93709	20	
	50	9,82938,44468	2,30080	9,86788,15416	1,92681	9,96150,29052	4,22761	10,03849,70948	10	
28	0	9,82940,74524	2,30056	9,86786,22715	1,92701	9,96154,51810	4,22758	10,03845,48190	0	32
	10	9,82943,04559	2,30035	9,86784,29995	1,92720	9,96158,74563	4,22753	10,03841,25437	50	
	20	9,82945,34571	2,30012	9,86782,37257	1,92738	9,96162,97314	4,22751	10,03837,02686	40	
	30	9,82947,64561	2,29990	9,86780,44500	1,92757	9,96167,20060	4,22746	10,03832,79940	30	
	40	9,82949,94528	2,29967	9,86778,51725	1,92775	9,96171,42803	4,22743	10,03828,57197	20	
	50	9,82952,24473	2,29945	9,86776,58930	1,92795	9,96175,65543	4,22740	10,03824,34457	10	
29	0	9,82954,54395	2,29922	9,86774,66117	1,92813	9,96179,88278	4,22735	10,03820,11722	0	31
	10	9,82956,84295	2,29900	9,86772,73285	1,92832	9,96184,11010	4,22732	10,03815,88990	50	
	20	9,82959,14173	2,29878	9,86770,80434	1,92851	9,96188,33739	4,22729	10,03811,66261	40	
	30	9,82961,44028	2,29855	9,86768,87565	1,92869	9,96192,56464	4,22725	10,03807,43536	30	
	40	9,82963,73861	2,29833	9,86766,94676	1,92889	9,96196,79185	4,22721	10,03803,20815	20	
	50	9,82966,03672	2,29811	9,86765,01769	1,92907	9,96201,01903	4,22718	10,03798,98097	10	
30	0	9,82968,33460	2,29788	9,86763,08843	1,92926	9,96205,24617	4,22714	10,03794,75383	0	30
		Sin. Comple.	2,29766	SINVVM	1,92944	Tang. compl.	4,22711	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,82968,33460		9,86763,08843		9,96205,24617		10,03794,75383	0	30
	10	9,82970,63226	2,29766	9,86761,15899	1,92944	9,96209,47328	4,22711	10,03790,52672	50	
	20	9,82972,92970	2,29744	9,86759,22935	1,92964	9,96213,70035	4,22707	10,03786,29965	40	
	30	9,82975,22691	2,29721	9,86757,29953	1,92982	9,96217,92738	4,22703	10,03782,07262	30	
	40	9,82977,52390	2,29699	9,86755,36952	1,93001	9,96222,15438	4,22700	10,03777,84562	20	
	50	9,82979,82066	2,29676	9,86753,43932	1,93020	9,96226,38134	4,22696	10,03773,61866	10	
31	0	9,82982,11720	2,29654	9,86751,50893	1,93039	9,96230,60827	4,22693	10,03769,39173	0	29
	10	9,82984,41352	2,29632	9,86749,57836	1,93057	9,96234,83516	4,22689	10,03765,16484	50	
	20	9,82986,70962	2,29610	9,86747,64760	1,93076	9,96239,06202	4,22686	10,03760,93798	40	
	30	9,82989,00549	2,29587	9,86745,71665	1,93095	9,96243,28884	4,22682	10,03756,71116	30	
	40	9,82991,30113	2,29564	9,86743,78551	1,93114	9,96247,51562	4,22678	10,03752,48438	20	
	50	9,82993,59656	2,29543	9,86741,85419	1,93132	9,96251,74237	4,22675	10,03748,25763	10	
32	0	9,82995,89176	2,29520	9,86739,92267	1,93152	9,96255,96908	4,22671	10,03744,03092	0	28
	10	9,82998,18674	2,29498	9,86737,99097	1,93170	9,96260,19576	4,22668	10,03739,80424	50	
	20	9,83000,48149	2,29475	9,86736,05908	1,93189	9,96264,42241	4,22665	10,03735,57759	40	
	30	9,83002,77602	2,29453	9,86734,12700	1,93208	9,96268,64901	4,22660	10,03731,35099	30	
	40	9,83005,07033	2,29431	9,86732,19474	1,93226	9,96272,87559	4,22658	10,03727,12441	20	
	50	9,83007,36441	2,29408	9,86730,26229	1,93245	9,96277,10212	4,22653	10,03722,89788	10	
33	0	9,83009,65827	2,29386	9,86728,32964	1,93265	9,96281,32863	4,22651	10,03718,67137	0	27
	10	9,83011,95191	2,29364	9,86726,39681	1,93283	9,96285,55509	4,22646	10,03714,44491	50	
	20	9,83014,24532	2,29341	9,86724,46380	1,93301	9,96289,78153	4,22644	10,03710,21847	40	
	30	9,83016,53851	2,29319	9,86722,53059	1,93321	9,96294,00792	4,22639	10,03705,99208	30	
	40	9,83018,83148	2,29297	9,86720,59720	1,93339	9,96298,23428	4,22636	10,03701,76572	20	
	50	9,83021,12423	2,29275	9,86718,66361	1,93359	9,96302,46061	4,22633	10,03697,53939	10	
34	0	9,83023,41675	2,29252	9,86716,72984	1,93377	9,96306,68690	4,22629	10,03693,31310	0	26
	10	9,83025,70905	2,29230	9,86714,79588	1,93396	9,96310,91316	4,22626	10,03689,08684	50	
	20	9,83028,00112	2,29207	9,86712,86174	1,93414	9,96315,13938	4,22622	10,03684,86062	40	
	30	9,83030,29297	2,29185	9,86710,92740	1,93434	9,96319,36557	4,22619	10,03680,63443	30	
	40	9,83032,58460	2,29163	9,86708,99288	1,93452	9,96323,59172	4,22615	10,03676,40828	20	
	50	9,83034,87601	2,29141	9,86707,05817	1,93471	9,96327,81784	4,22612	10,03672,18216	10	
35	0	9,83037,16719	2,29118	9,86705,12327	1,93490	9,96332,04393	4,22609	10,03667,95607	0	25
	10	9,83039,45815	2,29096	9,86703,18818	1,93509	9,96336,26997	4,22604	10,03663,73003	50	
	20	9,83041,74889	2,29074	9,86701,25290	1,93528	9,96340,49599	4,22602	10,03659,50401	40	
	30	9,83044,03941	2,29052	9,86699,31744	1,93546	9,96344,72197	4,22598	10,03655,27803	30	
	40	9,83046,32970	2,29029	9,86697,38179	1,93565	9,96348,94791	4,22594	10,03651,05209	20	
	50	9,83048,61977	2,29007	9,86695,44594	1,93585	9,96353,17382	4,22591	10,03646,82618	10	
36	0	9,83050,90961	2,28984	9,86693,50991	1,93603	9,96357,39970	4,22588	10,03642,60030	0	24
	10	9,83053,19924	2,28963	9,86691,57370	1,93621	9,96361,62554	4,22584	10,03638,37446	50	
	20	9,83055,48864	2,28940	9,86689,63729	1,93641	9,96365,85135	4,22581	10,03634,14865	40	
	30	9,83057,77782	2,28918	9,86687,70069	1,93660	9,96370,07712	4,22577	10,03629,92288	30	
	40	9,83060,06677	2,28895	9,86685,76391	1,93678	9,96374,30286	4,22574	10,03625,69714	20	
	50	9,83062,35550	2,28873	9,86683,82694	1,93697	9,96378,52856	4,22570	10,03621,47144	10	
37	0	9,83064,64401	2,28851	9,86681,88978	1,93716	9,96382,75423	4,22567	10,03617,24577	0	23
	10	9,83066,93230	2,28829	9,86679,95243	1,93735	9,96386,97987	4,22564	10,03613,02013	50	
	20	9,83069,22036	2,28806	9,86678,01489	1,93754	9,96391,20547	4,22560	10,03608,79453	40	
	30	9,83071,50821	2,28785	9,86676,07717	1,93772	9,96395,43104	4,22557	10,03604,56896	30	
	40	9,83073,79583	2,28762	9,86674,13925	1,93792	9,96399,65657	4,22553	10,03600,34343	20	
	50	9,83076,08322	2,28739	9,86672,20115	1,93810	9,96403,88207	4,22550	10,03596,11793	10	
38	0	9,83078,37040	2,28718	9,86670,26286	1,93829	9,96408,10754	4,22547	10,03591,89246	0	22
	10	9,83080,65735	2,28695	9,86668,32438	1,93848	9,96412,33297	4,22543	10,03587,66703	50	
	20	9,83082,94408	2,28673	9,86666,38571	1,93867	9,96416,55837	4,22540	10,03583,44163	40	
	30	9,83085,23058	2,28650	9,86664,44685	1,93886	9,96420,78373	4,22536	10,03579,21627	30	
	40	9,83087,51687	2,28629	9,86662,50780	1,93905	9,96425,00906	4,22533	10,03574,99094	20	
	50	9,83089,80293	2,28606	9,86660,56857	1,93923	9,96429,23436	4,22530	10,03570,76564	10	
39	0	9,83092,08877	2,28584	9,86658,62915	1,93942	9,96433,45962	4,22526	10,03566,54038	0	21
	10	9,83094,37439	2,28562	9,86656,68953	1,93962	9,96437,68485	4,22523	10,03562,31515	50	
	20	9,83096,65978	2,28539	9,86654,74973	1,93980	9,96441,91005	4,22520	10,03558,08995	40	
	30	9,83098,94495	2,28517	9,86652,80974	1,93999	9,96446,13521	4,22516	10,03553,86479	30	
	40	9,83101,22990	2,28495	9,86650,86957	1,94017	9,96450,36034	4,22513	10,03549,63966	20	
	50	9,83103,51463	2,28473	9,86648,92920	1,94037	9,96454,58543	4,22509	10,03545,41457	10	
40	0	9,83105,79914	2,28451	9,86646,98864	1,94056	9,96458,81049	4,22506	10,03541,18951	0	20
			2,28428		1,94074		4,22503			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,83105,79914	2,28428	9,86646,98864	1,94074	9,96458,81049	4,22503	10,03541,18951	0	20
41	10	9,83108,08342	2,28406	9,86645,04790	1,94094	9,96463,03552	4,22500	10,03536,96448	50	19
	20	9,83110,36748	2,28384	9,86643,10696	1,94112	9,96467,26052	4,22496	10,03532,73948	40	
	30	9,83112,65132	2,28362	9,86641,16584	1,94131	9,96471,48548	4,22492	10,03528,51452	30	
	40	9,83114,93494	2,28339	9,86639,22453	1,94150	9,96475,71040	4,22490	10,03524,28960	20	
	50	9,83117,21833	2,28317	9,86637,28303	1,94169	9,96479,93530	4,22486	10,03520,06470	10	
42	0	9,83119,50150	2,28295	9,86635,34134	1,94188	9,96484,16016	4,22483	10,03515,83984	0	18
	10	9,83121,78445	2,28273	9,86633,39946	1,94206	9,96488,38499	4,22479	10,03511,61501	50	
	20	9,83124,06718	2,28251	9,86631,45740	1,94226	9,96492,60978	4,22477	10,03507,39022	40	
	30	9,83126,34969	2,28228	9,86629,51514	1,94244	9,96496,83455	4,22472	10,03503,16545	30	
	40	9,83128,63197	2,28206	9,86627,57270	1,94264	9,96501,05927	4,22470	10,03498,94073	20	
43	50	9,83130,91403	2,28184	9,86625,63006	1,94282	9,96505,28397	4,22466	10,03494,71603	10	17
	0	9,83133,19587	2,28162	9,86623,68724	1,94301	9,96509,50863	4,22463	10,03490,49137	0	
	10	9,83135,47749	2,28140	9,86621,74423	1,94320	9,96513,73326	4,22460	10,03486,26674	50	
	20	9,83137,75889	2,28117	9,86619,80103	1,94339	9,96517,95786	4,22456	10,03482,04214	40	
	30	9,83140,04006	2,28095	9,86617,85764	1,94358	9,96522,18242	4,22453	10,03477,81758	30	
44	40	9,83142,32101	2,28074	9,86615,91406	1,94377	9,96526,40695	4,22450	10,03473,59305	20	16
	50	9,83144,60175	2,28050	9,86613,97029	1,94395	9,96530,63145	4,22447	10,03469,36855	10	
	0	9,83146,88225	2,28029	9,86612,02634	1,94415	9,96534,85592	4,22443	10,03465,14408	0	
	10	9,83149,16254	2,28007	9,86610,08219	1,94434	9,96539,08035	4,22440	10,03460,91965	50	
	20	9,83151,44261	2,27984	9,86608,13785	1,94452	9,96543,30475	4,22437	10,03456,69525	40	
45	30	9,83153,72245	2,27962	9,86606,19333	1,94471	9,96547,52912	4,22433	10,03452,47088	30	15
	40	9,83156,00207	2,27940	9,86604,24862	1,94491	9,96551,75345	4,22431	10,03448,24655	20	
	50	9,83158,28147	2,27918	9,86602,30371	1,94509	9,96555,97776	4,22427	10,03444,02224	10	
	0	9,83160,56065	2,27896	9,86600,35862	1,94528	9,96560,20203	4,22423	10,03439,79797	0	
	10	9,83162,83961	2,27873	9,86598,41334	1,94547	9,96564,42626	4,22421	10,03435,57374	50	
46	20	9,83165,11834	2,27851	9,86596,46787	1,94566	9,96568,65047	4,22417	10,03431,34953	40	14
	30	9,83167,39685	2,27830	9,86594,52221	1,94585	9,96572,87464	4,22414	10,03427,12536	30	
	40	9,83169,67515	2,27807	9,86592,57636	1,94603	9,96577,09878	4,22411	10,03422,90122	20	
	50	9,83171,95322	2,27784	9,86590,63033	1,94623	9,96581,32289	4,22407	10,03418,67711	10	
	0	9,83174,23106	2,27763	9,86588,68410	1,94642	9,96585,54696	4,22405	10,03414,45304	0	
47	10	9,83176,50869	2,27741	9,86586,73768	1,94660	9,96589,77101	4,22401	10,03410,22899	50	13
	20	9,83178,78610	2,27718	9,86584,79108	1,94680	9,96593,99502	4,22398	10,03406,00498	40	
	30	9,83181,06328	2,27696	9,86582,84428	1,94698	9,96598,21900	4,22395	10,03401,78100	30	
	40	9,83183,34024	2,27674	9,86580,89730	1,94718	9,96602,44295	4,22391	10,03397,55705	20	
	50	9,83185,61698	2,27652	9,86578,95012	1,94736	9,96606,66686	4,22388	10,03393,33314	10	
48	0	9,83187,89350	2,27630	9,86577,00276	1,94755	9,96610,89074	4,22385	10,03389,10926	0	12
	10	9,83190,16980	2,27608	9,86575,05521	1,94774	9,96615,11459	4,22382	10,03384,88541	50	
	20	9,83192,44588	2,27585	9,86573,10747	1,94794	9,96619,33841	4,22379	10,03380,66159	40	
	30	9,83194,72173	2,27564	9,86571,15953	1,94812	9,96623,56220	4,22375	10,03376,43780	30	
	40	9,83196,99737	2,27541	9,86569,21141	1,94831	9,96627,78595	4,22373	10,03372,21405	20	
49	50	9,83199,27278	2,27519	9,86567,26310	1,94850	9,96632,00968	4,22369	10,03367,99032	10	11
	0	9,83201,54797	2,27497	9,86565,31460	1,94869	9,96636,23337	4,22366	10,03363,76663	0	
	10	9,83203,82294	2,27475	9,86563,36591	1,94888	9,96640,45703	4,22363	10,03359,54297	50	
	20	9,83206,09769	2,27453	9,86561,41703	1,94906	9,96644,68066	4,22359	10,03355,31934	40	
	30	9,83208,37222	2,27431	9,86559,46797	1,94926	9,96648,90425	4,22357	10,03351,09575	30	
50	40	9,83210,64653	2,27408	9,86557,51871	1,94945	9,96653,12782	4,22353	10,03346,87218	20	10
	50	9,83212,92061	2,27387	9,86555,56926	1,94964	9,96657,35135	4,22350	10,03342,64865	10	
	0	9,83215,19448	2,27364	9,86553,61962	1,94982	9,96661,57485	4,22347	10,03338,42515	0	
	10	9,83217,46812	2,27342	9,86551,66980	1,95002	9,96665,79832	4,22344	10,03334,20168	50	
	20	9,83219,74154	2,27320	9,86549,71978	1,95021	9,96670,02176	4,22341	10,03329,97824	40	
51	30	9,83222,01474	2,27298	9,86547,76957	1,95039	9,96674,24517	4,22337	10,03325,75483	30	9
	40	9,83224,28772	2,27276	9,86545,81918	1,95059	9,96678,46854	4,22335	10,03321,53146	20	
	50	9,83226,56048	2,27254	9,86543,86859	1,95077	9,96682,69189	4,22331	10,03317,30811	10	
	0	9,83228,83302	2,27232	9,86541,91782	1,95097	9,96686,91520	4,22328	10,03313,08480	0	
	10	9,83231,10534	2,27209	9,86539,96685	1,95115	9,96691,13848	4,22325	10,03308,86152	50	
52	20	9,83233,37743	2,27188	9,86538,01570	1,95135	9,96695,36173	4,22322	10,03304,63827	40	8
	30	9,83235,64931	2,27165	9,86536,06435	1,95153	9,96699,58495	4,22319	10,03300,41505	30	
	40	9,83237,92096	2,27143	9,86534,11282	1,95173	9,96703,80814	4,22316	10,03296,19186	20	
	50	9,83240,19239	2,27122	9,86532,16109	1,95191	9,96708,03130	4,22313	10,03291,96870	10	
	0	9,83242,46361	2,27099	9,86530,20918	1,95210	9,96712,25443	4,22309	10,03287,74557	0	
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,83242,46361		9,86530,20918		9,96712,25443		10,03287,74557	0	10
	10	9,83244,73460	2,27099	9,86528,25708	1,95210	9,96716,47752	4,22309	10,03283,52248	50	
	20	9,83247,00537	2,27077	9,86526,30478	1,95230	9,96720,70058	4,22306	10,03279,29942	40	
	30	9,83249,27592	2,27055	9,86524,35230	1,95248	9,96724,92362	4,22304	10,03275,07638	30	
	40	9,83251,54625	2,27033	9,86522,39963	1,95267	9,96729,14662	4,22300	10,03270,85338	20	
	50	9,83253,81636	2,27011	9,86520,44677	1,95286	9,96733,36959	4,22297	10,03266,63041	10	
51	0	9,83256,08624	2,26988	9,86518,49371	1,95306	9,96737,59253	4,22294	10,03262,40747	0	9
	10	9,83258,35591	2,26967	9,86516,54047	1,95324	9,96741,81544	4,22291	10,03258,18456	50	
	20	9,83260,62536	2,26945	9,86514,58704	1,95343	9,96746,03832	4,22288	10,03253,96168	40	
	30	9,83262,89458	2,26922	9,86512,63341	1,95363	9,96750,26117	4,22285	10,03249,73883	30	
	40	9,83265,16359	2,26901	9,86510,67960	1,95381	9,96754,48399	4,22282	10,03245,51601	20	
	50	9,83267,43237	2,26878	9,86508,72560	1,95400	9,96758,70677	4,22278	10,03241,29323	10	
52	0	9,83269,70094	2,26857	9,86506,77141	1,95419	9,96762,92953	4,22276	10,03237,07047	0	8
	10	9,83271,96928	2,26834	9,86504,81702	1,95439	9,96767,15225	4,22272	10,03232,84775	50	
	20	9,83274,23740	2,26812	9,86502,86245	1,95457	9,96771,37495	4,22270	10,03228,62505	40	
	30	9,83276,50530	2,26790	9,86500,90769	1,95476	9,96775,59762	4,22267	10,03224,40238	30	
	40	9,83278,77299	2,26769	9,86498,95274	1,95495	9,96779,82025	4,22263	10,03220,17975	20	
	50	9,83281,04045	2,26746	9,86496,99759	1,95515	9,96784,04285	4,22260	10,03215,95715	10	
53	0	9,83283,30769	2,26724	9,86495,04226	1,95533	9,96788,26543	4,22258	10,03211,73457	0	7
	10	9,83285,57471	2,26702	9,86493,08674	1,95552	9,96792,48797	4,22254	10,03207,51203	50	
	20	9,83287,84151	2,26680	9,86491,13102	1,95572	9,96796,71048	4,22251	10,03203,28952	40	
	30	9,83290,10809	2,26658	9,86489,17512	1,95590	9,96800,93297	4,22249	10,03199,06703	30	
	40	9,83292,37445	2,26636	9,86487,21903	1,95609	9,96805,15542	4,22245	10,03194,84458	20	
	50	9,83294,64059	2,26614	9,86485,26274	1,95629	9,96809,37784	4,22242	10,03190,62216	10	
54	0	9,83296,90650	2,26591	9,86483,30627	1,95647	9,96813,60023	4,22239	10,03186,39977	0	6
	10	9,83299,17220	2,26570	9,86481,34961	1,95666	9,96817,82260	4,22237	10,03182,17740	50	
	20	9,83301,43768	2,26548	9,86479,39275	1,95686	9,96822,04493	4,22233	10,03177,95507	40	
	30	9,83303,70294	2,26526	9,86477,43571	1,95704	9,96826,26723	4,22230	10,03173,73277	30	
	40	9,83305,96798	2,26504	9,86475,47847	1,95724	9,96830,48950	4,22227	10,03169,51050	20	
	50	9,83308,23279	2,26481	9,86473,52105	1,95742	9,96834,71175	4,22225	10,03165,28825	10	
55	0	9,83310,49739	2,26460	9,86471,56343	1,95762	9,96838,93396	4,22221	10,03161,06604	0	5
	10	9,83312,76177	2,26438	9,86469,60562	1,95781	9,96843,15614	4,22218	10,03156,84386	50	
	20	9,83315,02592	2,26415	9,86467,64763	1,95799	9,96847,37830	4,22216	10,03152,62170	40	
	30	9,83317,28986	2,26394	9,86465,68944	1,95819	9,96851,60042	4,22212	10,03148,39958	30	
	40	9,83319,55358	2,26372	9,86463,73106	1,95838	9,96855,82251	4,22209	10,03144,17749	20	
	50	9,83321,81707	2,26349	9,86461,77250	1,95856	9,96860,04458	4,22207	10,03139,95542	10	
56	0	9,83324,08035	2,26328	9,86459,81374	1,95876	9,96864,26661	4,22203	10,03135,73339	0	4
	10	9,83326,34341	2,26306	9,86457,85479	1,95895	9,96868,48862	4,22201	10,03131,51138	50	
	20	9,83328,60624	2,26283	9,86455,89565	1,95914	9,96872,71059	4,22197	10,03127,28941	40	
	30	9,83330,86886	2,26262	9,86453,93632	1,95933	9,96876,93254	4,22195	10,03123,06746	30	
	40	9,83333,13126	2,26240	9,86451,97680	1,95952	9,96881,15445	4,22191	10,03118,84555	20	
	50	9,83335,39343	2,26217	9,86450,01709	1,95971	9,96885,37634	4,22189	10,03114,62366	10	
57	0	9,83337,65539	2,26196	9,86448,05719	1,95990	9,96889,59820	4,22186	10,03110,40180	0	3
	10	9,83339,91713	2,26174	9,86446,09710	1,96009	9,96893,82002	4,22182	10,03106,17998	50	
	20	9,83342,17864	2,26151	9,86444,13682	1,96028	9,96898,04182	4,22180	10,03101,95818	40	
	30	9,83344,43994	2,26130	9,86442,17635	1,96047	9,96902,26359	4,22177	10,03097,73641	30	
	40	9,83346,70102	2,26108	9,86440,21569	1,96066	9,96906,48533	4,22174	10,03093,51467	20	
	50	9,83348,96188	2,26086	9,86438,25483	1,96086	9,96910,70704	4,22171	10,03089,29296	10	
58	0	9,83351,22251	2,26063	9,86436,29379	1,96104	9,96914,92873	4,22169	10,03085,07127	0	2
	10	9,83353,48293	2,26042	9,86434,33255	1,96124	9,96919,15038	4,22165	10,03080,84962	50	
	20	9,83355,74313	2,26020	9,86432,37113	1,96142	9,96923,37200	4,22162	10,03076,62800	40	
	30	9,83358,00311	2,25998	9,86430,40951	1,96162	9,96927,59360	4,22160	10,03072,40640	30	
	40	9,83360,26287	2,25976	9,86428,44770	1,96181	9,96931,81516	4,22156	10,03068,18484	20	
	50	9,83362,52241	2,25954	9,86426,48571	1,96199	9,96936,03670	4,22154	10,03063,96330	10	
59	0	9,83364,78173	2,25932	9,86424,52352	1,96219	9,96940,25821	4,22151	10,03059,74179	0	1
	10	9,83367,04083	2,25910	9,86422,56114	1,96238	9,96944,47969	4,22148	10,03055,52031	50	
	20	9,83369,29971	2,25888	9,86420,59857	1,96257	9,96948,70114	4,22145	10,03051,29886	40	
	30	9,83371,55837	2,25866	9,86418,63581	1,96276	9,96952,92256	4,22142	10,03047,07744	30	
	40	9,83373,81681	2,25844	9,86416,67286	1,96295	9,96957,14395	4,22139	10,03042,85605	20	
	50	9,83376,07503	2,25822	9,86414,70972	1,96314	9,96961,36532	4,22137	10,03038,63468	10	
60	0	9,83378,33304	2,25801	9,86412,74638	1,96334	9,96965,58665	4,22133	10,03034,41335	0	0
			2,25778		1,96352		4,22131			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,83378,33304	2,25778	9,86412,74638	1,96352	9,96965,58665	4,22131	10,03034,41335	0	60
	10	9,83380,59082	2,25756	9,86410,78286	1,96371	9,96969,80796	4,22128	10,03030,19204	50	
	20	9,83382,84838	2,25735	9,86408,81915	1,96391	9,96974,02924	4,22125	10,03025,97076	40	
	30	9,83385,10573	2,25712	9,86406,85524	1,96410	9,96978,25049	4,22122	10,03021,74951	30	
	40	9,83387,36285	2,25691	9,86404,89114	1,96428	9,96982,47171	4,22119	10,03017,52829	20	
	50	9,83389,61976	2,25668	9,86402,92686	1,96448	9,96986,69290	4,22116	10,03013,30710	10	
1	0	9,83391,87644	2,25647	9,86400,96238	1,96467	9,96990,91406	4,22114	10,03009,08594	0	59
	10	9,83394,13291	2,25625	9,86398,99771	1,96486	9,96995,13520	4,22111	10,03004,86480	50	
	20	9,83396,38916	2,25602	9,86397,03285	1,96505	9,96999,35631	4,22108	10,03000,64369	40	
	30	9,83398,64518	2,25581	9,86395,06780	1,96524	9,97003,57739	4,22105	10,02996,42261	30	
	40	9,83400,90099	2,25559	9,86393,10256	1,96544	9,97007,79844	4,22102	10,02992,20156	20	
	50	9,83403,15658	2,25537	9,86391,13712	1,96562	9,97012,01946	4,22099	10,02987,98054	10	
2	0	9,83405,41195	2,25515	9,86389,17150	1,96582	9,97016,24045	4,22097	10,02983,75955	0	58
	10	9,83407,66710	2,25494	9,86387,20568	1,96600	9,97020,46142	4,22094	10,02979,53858	50	
	20	9,83409,92204	2,25471	9,86385,23968	1,96620	9,97024,68236	4,22091	10,02975,31764	40	
	30	9,83412,17675	2,25449	9,86383,27348	1,96639	9,97028,90327	4,22088	10,02971,09673	30	
	40	9,83414,43124	2,25428	9,86381,30709	1,96658	9,97033,12415	4,22086	10,02966,87585	20	
	50	9,83416,68552	2,25405	9,86379,34051	1,96677	9,97037,34501	4,22082	10,02962,65499	10	
3	0	9,83418,93957	2,25384	9,86377,37374	1,96696	9,97041,56583	4,22080	10,02958,43417	0	57
	10	9,83421,19341	2,25362	9,86375,40678	1,96715	9,97045,78663	4,22077	10,02954,21337	50	
	20	9,83423,44703	2,25340	9,86373,43963	1,96735	9,97050,00740	4,22074	10,02949,99260	40	
	30	9,83425,70043	2,25318	9,86371,47228	1,96753	9,97054,22814	4,22072	10,02945,77186	30	
	40	9,83427,95361	2,25296	9,86369,50475	1,96773	9,97058,44886	4,22069	10,02941,55114	20	
	50	9,83430,20657	2,25274	9,86367,53702	1,96792	9,97062,66955	4,22066	10,02937,33045	10	
4	0	9,83432,45931	2,25252	9,86365,56910	1,96811	9,97066,89021	4,22063	10,02933,10979	0	56
	10	9,83434,71183	2,25230	9,86363,60099	1,96830	9,97071,11084	4,22060	10,02928,88916	50	
	20	9,83436,96413	2,25209	9,86361,63269	1,96849	9,97075,33144	4,22058	10,02924,66856	40	
	30	9,83439,21622	2,25187	9,86359,66420	1,96868	9,97079,55202	4,22055	10,02920,44798	30	
	40	9,83441,46809	2,25164	9,86357,69552	1,96888	9,97083,77257	4,22052	10,02916,22743	20	
	50	9,83443,71973	2,25143	9,86355,72664	1,96906	9,97087,99309	4,22049	10,02912,00691	10	
5	0	9,83445,97116	2,25121	9,86353,75758	1,96926	9,97092,21358	4,22047	10,02907,78642	0	55
	10	9,83448,22237	2,25099	9,86351,78832	1,96945	9,97096,43405	4,22044	10,02903,56595	50	
	20	9,83450,47336	2,25077	9,86349,81887	1,96964	9,97100,65449	4,22041	10,02899,34551	40	
	30	9,83452,72413	2,25056	9,86347,84923	1,96983	9,97104,87490	4,22039	10,02895,12510	30	
	40	9,83454,97469	2,25033	9,86345,87940	1,97002	9,97109,09529	4,22035	10,02890,90471	20	
	50	9,83457,22502	2,25012	9,86343,90938	1,97022	9,97113,31564	4,22033	10,02886,68436	10	
6	0	9,83459,47514	2,24990	9,86341,93916	1,97040	9,97117,53597	4,22031	10,02882,46403	0	54
	10	9,83461,72504	2,24967	9,86339,96876	1,97060	9,97121,75628	4,22027	10,02878,24372	50	
	20	9,83463,97471	2,24946	9,86337,99816	1,97079	9,97125,97655	4,22025	10,02874,02345	40	
	30	9,83466,22417	2,24925	9,86336,02737	1,97098	9,97130,19680	4,22022	10,02869,80320	30	
	40	9,83468,47342	2,24902	9,86334,05639	1,97117	9,97134,41702	4,22020	10,02865,58298	20	
	50	9,83470,72244	2,24880	9,86332,08522	1,97136	9,97138,63722	4,22017	10,02861,36278	10	
7	0	9,83472,97124	2,24859	9,86330,11386	1,97156	9,97142,85739	4,22014	10,02857,14261	0	53
	10	9,83475,21983	2,24837	9,86328,14230	1,97174	9,97147,07753	4,22011	10,02852,92247	50	
	20	9,83477,46820	2,24815	9,86326,17056	1,97194	9,97151,29764	4,22009	10,02848,70236	40	
	30	9,83479,71635	2,24793	9,86324,19862	1,97213	9,97155,51773	4,22006	10,02844,48227	30	
	40	9,83481,96428	2,24771	9,86322,22649	1,97232	9,97159,73779	4,22003	10,02840,26221	20	
	50	9,83484,21199	2,24749	9,86320,25417	1,97252	9,97163,95782	4,22001	10,02836,04218	10	
8	0	9,83486,45948	2,24728	9,86318,28165	1,97270	9,97168,17783	4,21998	10,02831,82217	0	52
	10	9,83488,70676	2,24705	9,86316,30895	1,97290	9,97172,39781	4,21995	10,02827,60219	50	
	20	9,83490,95381	2,24684	9,86314,33605	1,97308	9,97176,61776	4,21993	10,02823,38224	40	
	30	9,83493,20065	2,24662	9,86312,36297	1,97328	9,97180,83769	4,21990	10,02819,16231	30	
	40	9,83495,44727	2,24641	9,86310,38969	1,97348	9,97185,05759	4,21987	10,02814,94241	20	
	50	9,83497,69368	2,24618	9,86308,41621	1,97366	9,97189,27746	4,21985	10,02810,72254	10	
9	0	9,83499,93986	2,24597	9,86306,44255	1,97385	9,97193,49731	4,21982	10,02806,50269	0	51
	10	9,83502,18583	2,24574	9,86304,46870	1,97405	9,97197,71713	4,21979	10,02802,28287	50	
	20	9,83504,43157	2,24553	9,86302,49465	1,97424	9,97201,93692	4,21977	10,02798,06308	40	
	30	9,83506,67710	2,24531	9,86300,52041	1,97443	9,97206,15669	4,21974	10,02793,84331	30	
	40	9,83508,92241	2,24510	9,86298,54598	1,97462	9,97210,37643	4,21972	10,02789,62357	20	
	50	9,83511,16751	2,24487	9,86296,57136	1,97482	9,97214,59615	4,21969	10,02785,40385	10	
10	0	9,83513,41238	2,24466	9,86294,59654	1,97500	9,97218,81584	4,21966	10,02781,18416	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,83513,41238		9,86294,59654		9,97218,81584		10,02781,18416	o	50
	10	9,83515,65704	2,24466	9,86292,62154	1,97500	9,97223,03550	4,21966	10,02776,96450		
	20	9,83517,90148	2,24444	9,86290,64634	1,97520	9,97227,25514	4,21964	10,02772,74486		50
	30	9,83520,14570	2,24422	9,86288,67095	1,97539	9,97231,47475	4,21961	10,02768,52525		40
	40	9,83522,38970	2,24400	9,86286,69537	1,97558	9,97235,69433	4,21958	10,02764,30567		30
	50	9,83524,63348	2,24378	9,86284,71959	1,97578	9,97239,91389	4,21956	10,02760,08611		20
11	0	9,83526,87705	2,24357	9,86282,74363	1,97596	9,97244,13342	4,21953	10,02755,86658		10
	10	9,83529,12040	2,24335	9,86280,76747	1,97616	9,97248,35293	4,21951	10,02751,64707		0
	20	9,83531,36353	2,24313	9,86278,79112	1,97635	9,97252,57241	4,21948	10,02747,42759		50
	30	9,83533,60644	2,24291	9,86276,81458	1,97654	9,97256,79186	4,21945	10,02743,20814		40
	40	9,83535,84914	2,24270	9,86274,83785	1,97673	9,97261,01129	4,21943	10,02738,98871		30
	50	9,83538,09161	2,24247	9,86272,86092	1,97693	9,97265,23069	4,21940	10,02734,76931		20
12	0	9,83540,33387	2,24226	9,86270,88380	1,97712	9,97269,45007	4,21938	10,02730,54993		10
	10	9,83542,57591	2,24204	9,86268,90649	1,97731	9,97273,66942	4,21935	10,02726,33058		0
	20	9,83544,81774	2,24183	9,86266,92899	1,97750	9,97277,88875	4,21933	10,02722,11125		50
	30	9,83547,05934	2,24160	9,86264,95129	1,97770	9,97282,10805	4,21930	10,02717,89195		40
	40	9,83549,30073	2,24139	9,86262,97341	1,97788	9,97286,32732	4,21927	10,02713,67268		30
	50	9,83551,54190	2,24117	9,86260,99533	1,97808	9,97290,54657	4,21925	10,02709,45343		20
13	0	9,83553,78285	2,24095	9,86259,01706	1,97827	9,97294,76579	4,21922	10,02705,23421		10
	10	9,83556,02359	2,24074	9,86257,03860	1,97846	9,97298,98499	4,21920	10,02701,01501		0
	20	9,83558,26410	2,24051	9,86255,05994	1,97866	9,97303,20416	4,21917	10,02696,79584		50
	30	9,83560,50440	2,24030	9,86253,08109	1,97885	9,97307,42331	4,21915	10,02692,57669		40
	40	9,83562,74449	2,24009	9,86251,10205	1,97904	9,97311,64243	4,21912	10,02688,35757		30
	50	9,83564,98435	2,23986	9,86249,12282	1,97923	9,97315,86153	4,21910	10,02684,13847		20
14	0	9,83567,22400	2,23965	9,86247,14340	1,97942	9,97320,08060	4,21907	10,02679,91940		10
	10	9,83569,46342	2,23942	9,86245,16378	1,97962	9,97324,29964	4,21904	10,02675,70036		0
	20	9,83571,70264	2,23922	9,86243,18397	1,97981	9,97328,51866	4,21902	10,02671,48134		50
	30	9,83573,94163	2,23899	9,86241,20397	1,98000	9,97332,73766	4,21900	10,02667,26234		40
	40	9,83576,18041	2,23878	9,86239,22378	1,98019	9,97336,95663	4,21897	10,02663,04337		30
	50	9,83578,41896	2,23855	9,86237,24339	1,98039	9,97341,17557	4,21894	10,02658,82443		20
15	0	9,83580,65731	2,23835	9,86235,26281	1,98058	9,97345,39449	4,21892	10,02654,60551		10
	10	9,83582,89543	2,23812	9,86233,28204	1,98077	9,97349,61339	4,21890	10,02650,38661		0
	20	9,83585,13334	2,23791	9,86231,30108	1,98096	9,97353,83226	4,21887	10,02646,16774		50
	30	9,83587,37103	2,23769	9,86229,31992	1,98116	9,97358,05110	4,21884	10,02641,94890		40
	40	9,83589,60850	2,23747	9,86227,33858	1,98134	9,97362,26992	4,21882	10,02637,73008		30
	50	9,83591,84575	2,23725	9,86225,35703	1,98155	9,97366,48872	4,21880	10,02633,51128		20
16	0	9,83594,08279	2,23704	9,86223,37530	1,98173	9,97370,70749	4,21877	10,02629,29251		10
	10	9,83596,31961	2,23682	9,86221,39338	1,98192	9,97374,92623	4,21874	10,02625,07377		0
	20	9,83598,55621	2,23660	9,86219,41126	1,98212	9,97379,14495	4,21872	10,02620,85505		50
	30	9,83600,79260	2,23639	9,86217,42895	1,98231	9,97383,36365	4,21870	10,02616,63635		40
	40	9,83603,02877	2,23617	9,86215,44644	1,98251	9,97387,58232	4,21867	10,02612,41768		30
	50	9,83605,26472	2,23595	9,86213,46375	1,98269	9,97391,80097	4,21865	10,02608,19903		20
17	0	9,83607,50045	2,23573	9,86211,48086	1,98289	9,97396,01959	4,21862	10,02603,98041		10
	10	9,83609,73597	2,23552	9,86209,49778	1,98308	9,97400,23819	4,21860	10,02599,76181		0
	20	9,83611,97127	2,23530	9,86207,51450	1,98328	9,97404,45676	4,21857	10,02595,54324		50
	30	9,83614,20635	2,23508	9,86205,53104	1,98346	9,97408,67531	4,21855	10,02591,32469		40
	40	9,83616,44121	2,23486	9,86203,54738	1,98366	9,97412,89383	4,21852	10,02587,10617		30
	50	9,83618,67586	2,23465	9,86201,56353	1,98385	9,97417,11233	4,21850	10,02582,88767		20
18	0	9,83620,91029	2,23443	9,86199,57948	1,98405	9,97421,33081	4,21848	10,02578,66919		10
	10	9,83623,14451	2,23422	9,86197,59525	1,98423	9,97425,54926	4,21845	10,02574,45074		0
	20	9,83625,37850	2,23399	9,86195,61082	1,98443	9,97429,76769	4,21843	10,02570,23231		50
	30	9,83627,61228	2,23378	9,86193,62619	1,98463	9,97433,98609	4,21840	10,02566,01391		40
	40	9,83629,84585	2,23357	9,86191,64138	1,98481	9,97438,20447	4,21838	10,02561,79553		30
	50	9,83632,07919	2,23334	9,86189,65637	1,98501	9,97442,42282	4,21835	10,02557,57718		20
19	0	9,83634,31232	2,23313	9,86187,67117	1,98520	9,97446,64115	4,21833	10,02553,35885		10
	10	9,83636,54523	2,23291	9,86185,68577	1,98540	9,97450,85946	4,21831	10,02549,14054		0
	20	9,83638,77793	2,23270	9,86183,70019	1,98558	9,97455,07774	4,21828	10,02544,92226		50
	30	9,83641,01041	2,23248	9,86181,71441	1,98578	9,97459,29600	4,21826	10,02540,70400		40
	40	9,83643,24267	2,23226	9,86179,72844	1,98597	9,97463,51423	4,21823	10,02536,48577		30
	50	9,83645,47472	2,23205	9,86177,74227	1,98617	9,97467,73244	4,21821	10,02532,26756		20
20	0	9,83647,70654	2,23182	9,86175,75591	1,98636	9,97471,95063	4,21819	10,02528,04937		10
		Sin. Comple.	2,23162	SINVVM	1,98655	Tang. compl.	4,21816	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,83647,70654		9,86175,75591		9,97471,95063		10,02528,04937	o	40
	10	9,83649,93816	2,23162	9,86173,76936	1,98655	9,97476,16879	4,21816	10,02523,83121	50	
	20	9,83652,16955	2,23139	9,86171,78262	1,98674	9,97480,38693	4,21814	10,02519,61307	40	
	30	9,83654,40073	2,23118	9,86169,79568	1,98694	9,97484,60505	4,21812	10,02515,39495	30	
	40	9,83656,63169	2,23096	9,86167,80855	1,98713	9,97488,82314	4,21809	10,02511,17686	20	
	50	9,83658,86243	2,23074	9,86165,82123	1,98732	9,97493,04121	4,21807	10,02506,95879	10	
21	0	9,83661,09296	2,23053	9,86163,83371	1,98752	9,97497,25925	4,21804	10,02502,74075	o	39
	10	9,83663,32327	2,23031	9,86161,84600	1,98771	9,97501,47727	4,21802	10,02498,52273	50	
	20	9,83665,55337	2,23010	9,86159,85810	1,98790	9,97505,69527	4,21800	10,02494,30473	40	
	30	9,83667,78325	2,22988	9,86157,87000	1,98810	9,97509,91324	4,21797	10,02490,08676	30	
	40	9,83670,01291	2,22966	9,86155,88171	1,98829	9,97514,13119	4,21795	10,02485,86881	20	
	50	9,83672,24235	2,22944	9,86153,89323	1,98848	9,97518,34912	4,21793	10,02481,65088	10	
22	0	9,83674,47158	2,22923	9,86151,90456	1,98867	9,97522,56702	4,21790	10,02477,43298	o	38
	10	9,83676,70059	2,22901	9,86149,91569	1,98887	9,97526,78490	4,21788	10,02473,21510	50	
	20	9,83678,92939	2,22880	9,86147,92663	1,98906	9,97531,00276	4,21786	10,02468,99724	40	
	30	9,83681,15797	2,22858	9,86145,93738	1,98925	9,97535,22059	4,21783	10,02464,77941	30	
	40	9,83683,38633	2,22836	9,86143,94793	1,98945	9,97539,43840	4,21781	10,02460,56160	20	
	50	9,83685,61448	2,22815	9,86141,95829	1,98964	9,97543,65619	4,21779	10,02456,34381	10	
23	0	9,83687,84241	2,22793	9,86139,96845	1,98984	9,97547,87395	4,21776	10,02452,12605	o	37
	10	9,83690,07012	2,22771	9,86137,97843	1,99002	9,97552,09169	4,21774	10,02447,90831	50	
	20	9,83692,29762	2,22750	9,86135,98821	1,99022	9,97556,30941	4,21772	10,02443,69059	40	
	30	9,83694,52490	2,22728	9,86133,99779	1,99042	9,97560,52711	4,21770	10,02439,47289	30	
	40	9,83696,75196	2,22706	9,86132,00718	1,99061	9,97564,74478	4,21767	10,02435,25522	20	
	50	9,83698,97881	2,22685	9,86130,01638	1,99080	9,97568,96243	4,21765	10,02431,03757	10	
24	0	9,83701,20544	2,22663	9,86128,02539	1,99099	9,97573,18005	4,21762	10,02426,81995	o	36
	10	9,83703,43186	2,22642	9,86126,03420	1,99119	9,97577,39766	4,21761	10,02422,60234	50	
	20	9,83705,65806	2,22620	9,86124,04282	1,99138	9,97581,61524	4,21758	10,02418,38476	40	
	30	9,83707,88404	2,22598	9,86122,05125	1,99157	9,97585,83279	4,21755	10,02414,16721	30	
	40	9,83710,10981	2,22577	9,86120,05948	1,99177	9,97590,05033	4,21754	10,02409,94967	20	
	50	9,83712,33536	2,22555	9,86118,06752	1,99196	9,97594,26784	4,21751	10,02405,73216	10	
25	0	9,83714,56070	2,22534	9,86116,07537	1,99215	9,97598,48533	4,21749	10,02401,51467	o	35
	10	9,83716,78582	2,22512	9,86114,08302	1,99235	9,97602,70280	4,21747	10,02397,29720	50	
	20	9,83719,01072	2,22490	9,86112,09048	1,99254	9,97606,92024	4,21744	10,02393,07976	40	
	30	9,83721,23541	2,22469	9,86110,09774	1,99274	9,97611,13766	4,21742	10,02388,86234	30	
	40	9,83723,45988	2,22447	9,86108,10482	1,99292	9,97615,35506	4,21740	10,02384,64494	20	
	50	9,83725,68413	2,22425	9,86106,11169	1,99313	9,97619,57244	4,21738	10,02380,42756	10	
26	0	9,83727,90817	2,22404	9,86104,11838	1,99331	9,97623,78979	4,21735	10,02376,21021	o	34
	10	9,83730,13199	2,22382	9,86102,12487	1,99351	9,97628,00712	4,21733	10,02371,99288	50	
	20	9,83732,35560	2,22361	9,86100,13117	1,99370	9,97632,22443	4,21731	10,02367,77557	40	
	30	9,83734,57899	2,22339	9,86098,13727	1,99390	9,97636,44172	4,21729	10,02363,55828	30	
	40	9,83736,80217	2,22318	9,86096,14318	1,99409	9,97640,65898	4,21726	10,02359,34102	20	
	50	9,83739,02512	2,22295	9,86094,14890	1,99428	9,97644,87623	4,21725	10,02355,12377	10	
27	0	9,83741,24787	2,22275	9,86092,15442	1,99448	9,97649,09345	4,21722	10,02350,90655	o	33
	10	9,83743,47040	2,22253	9,86090,15975	1,99467	9,97653,31065	4,21720	10,02346,68935	50	
	20	9,83745,69271	2,22231	9,86088,16489	1,99486	9,97657,52782	4,21717	10,02342,47218	40	
	30	9,83747,91480	2,22209	9,86086,16983	1,99506	9,97661,74498	4,21716	10,02338,25502	30	
	40	9,83750,13668	2,22188	9,86084,17458	1,99525	9,97665,96211	4,21713	10,02334,03789	20	
	50	9,83752,35835	2,22167	9,86082,17913	1,99545	9,97670,17922	4,21711	10,02329,82078	10	
28	0	9,83754,57980	2,22145	9,86080,18349	1,99564	9,97674,39631	4,21709	10,02325,60369	o	32
	10	9,83756,80103	2,22123	9,86078,18766	1,99583	9,97678,61337	4,21706	10,02321,38663	50	
	20	9,83759,02205	2,22102	9,86076,19163	1,99603	9,97682,83042	4,21705	10,02317,16958	40	
	30	9,83761,24285	2,22080	9,86074,19541	1,99622	9,97687,04744	4,21702	10,02312,95256	30	
	40	9,83763,46344	2,22059	9,86072,19900	1,99641	9,97691,26444	4,21700	10,02308,73556	20	
	50	9,83765,68381	2,22037	9,86070,20239	1,99661	9,97695,48142	4,21698	10,02304,51858	10	
29	0	9,83767,90396	2,22015	9,86068,20559	1,99680	9,97699,69838	4,21696	10,02300,30162	o	31
	10	9,83770,12390	2,21994	9,86066,20859	1,99700	9,97703,91531	4,21693	10,02296,08469	50	
	20	9,83772,34362	2,21972	9,86064,21140	1,99719	9,97708,13223	4,21692	10,02291,86777	40	
	30	9,83774,56313	2,21951	9,86062,21401	1,99739	9,97712,34912	4,21689	10,02287,65088	30	
	40	9,83776,78243	2,21930	9,86060,21644	1,99757	9,97716,56599	4,21687	10,02283,43401	20	
	50	9,83779,00150	2,21907	9,86058,21866	1,99778	9,97720,78284	4,21685	10,02279,21716	10	
30	0	9,83781,22036	2,21886	9,86056,22070	1,99796	9,97724,99967	4,21683	10,02275,00033	o	30
		Sin. Comple.	2,21865	SINVVM	1,99816	Tang. compl.	4,21680	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,83781,22036	2,21865	9,86056,22070	1,99816	9,97724,99967	4,21680	10,02275,00033	0	30
	10	9,83783,43901	2,21843	9,86054,22254	1,99836	9,97729,21647	4,21679	10,02270,78353	50	
	20	9,83785,65744	2,21822	9,86052,22418	1,99854	9,97733,43326	4,21676	10,02266,56674	40	
	30	9,83787,87566	2,21800	9,86050,22564	1,99875	9,97737,65002	4,21674	10,02262,34998	30	
	40	9,83790,09366	2,21778	9,86048,22689	1,99893	9,97741,86676	4,21672	10,02258,13324	20	
	50	9,83792,31144	2,21757	9,86046,22796	1,99913	9,97746,08348	4,21670	10,02253,91652	10	
31	0	9,83794,52901	2,21736	9,86044,22883	1,99933	9,97750,30018	4,21668	10,02249,69982	0	29
	10	9,83796,74637	2,21714	9,86042,22950	1,99951	9,97754,51686	4,21666	10,02245,48314	50	
	20	9,83798,96351	2,21692	9,86040,22999	1,99972	9,97758,73352	4,21664	10,02241,26648	40	
	30	9,83801,18043	2,21671	9,86038,23027	1,99990	9,97762,95016	4,21661	10,02237,04984	30	
	40	9,83803,39714	2,21649	9,86036,23037	2,00011	9,97767,16677	4,21660	10,02232,83323	20	
	50	9,83805,61363	2,21628	9,86034,23026	2,00029	9,97771,38337	4,21657	10,02228,61663	10	
32	0	9,83807,82991	2,21606	9,86032,22997	2,00049	9,97775,59994	4,21655	10,02224,40006	0	28
	10	9,83810,04597	2,21585	9,86030,22948	2,00068	9,97779,81649	4,21653	10,02220,18351	50	
	20	9,83812,26182	2,21563	9,86028,22880	2,00088	9,97784,03302	4,21651	10,02215,96698	40	
	30	9,83814,47745	2,21542	9,86026,22792	2,00107	9,97788,24953	4,21649	10,02211,75047	30	
	40	9,83816,69287	2,21520	9,86024,22685	2,00127	9,97792,46602	4,21647	10,02207,53398	20	
	50	9,83818,90807	2,21499	9,86022,22558	2,00146	9,97796,68249	4,21645	10,02203,31751	10	
33	0	9,83821,12306	2,21477	9,86020,22412	2,00166	9,97800,89894	4,21643	10,02199,10106	0	27
	10	9,83823,33783	2,21456	9,86018,22246	2,00185	9,97805,11537	4,21641	10,02194,88463	50	
	20	9,83825,55239	2,21434	9,86016,22061	2,00204	9,97809,33178	4,21638	10,02190,66822	40	
	30	9,83827,76673	2,21413	9,86014,21857	2,00224	9,97813,54816	4,21637	10,02186,45184	30	
	40	9,83829,98086	2,21391	9,86012,21633	2,00243	9,97817,76453	4,21634	10,02182,23547	20	
	50	9,83832,19477	2,21370	9,86010,21390	2,00263	9,97821,98087	4,21633	10,02178,01913	10	
34	0	9,83834,40847	2,21348	9,86008,21127	2,00282	9,97826,19720	4,21630	10,02173,80280	0	26
	10	9,83836,62195	2,21327	9,86006,20845	2,00301	9,97830,41350	4,21628	10,02169,58650	50	
	20	9,83838,83522	2,21305	9,86004,20544	2,00321	9,97834,62978	4,21627	10,02165,37022	40	
	30	9,83841,04827	2,21284	9,86002,20223	2,00341	9,97838,84605	4,21624	10,02161,15395	30	
	40	9,83843,26111	2,21262	9,86000,19882	2,00360	9,97843,06229	4,21622	10,02156,93771	20	
	50	9,83845,47373	2,21241	9,85998,19522	2,00379	9,97847,27851	4,21621	10,02152,72149	10	
35	0	9,83847,68614	2,21220	9,85996,19143	2,00399	9,97851,49472	4,21618	10,02148,50528	0	25
	10	9,83849,89834	2,21198	9,85994,18744	2,00418	9,97855,71090	4,21616	10,02144,28910	50	
	20	9,83852,11032	2,21176	9,85992,18326	2,00438	9,97859,92706	4,21614	10,02140,07294	40	
	30	9,83854,32208	2,21155	9,85990,17888	2,00457	9,97864,14320	4,21612	10,02135,85680	30	
	40	9,83856,53363	2,21133	9,85988,17431	2,00477	9,97868,35932	4,21611	10,02131,64068	20	
	50	9,83858,74496	2,21112	9,85986,16954	2,00496	9,97872,57543	4,21608	10,02127,42457	10	
36	0	9,83860,95608	2,21091	9,85984,16458	2,00516	9,97876,79151	4,21606	10,02123,20849	0	24
	10	9,83863,16699	2,21069	9,85982,15942	2,00535	9,97881,00757	4,21604	10,02118,99243	50	
	20	9,83865,37768	2,21048	9,85980,15407	2,00554	9,97885,22361	4,21602	10,02114,77639	40	
	30	9,83867,58816	2,21026	9,85978,14853	2,00574	9,97889,43963	4,21600	10,02110,56037	30	
	40	9,83869,79842	2,21005	9,85976,14279	2,00594	9,97893,65563	4,21599	10,02106,34437	20	
	50	9,83872,00847	2,20983	9,85974,13685	2,00613	9,97897,87162	4,21596	10,02102,12838	10	
37	0	9,83874,21830	2,20962	9,85972,13072	2,00632	9,97902,08758	4,21594	10,02097,91242	0	23
	10	9,83876,42792	2,20940	9,85970,12440	2,00652	9,97906,30352	4,21592	10,02093,69648	50	
	20	9,83878,63732	2,20919	9,85968,11788	2,00672	9,97910,51944	4,21591	10,02089,48056	40	
	30	9,83880,84651	2,20897	9,85966,11116	2,00690	9,97914,73535	4,21588	10,02085,26465	30	
	40	9,83883,05548	2,20876	9,85964,10426	2,00711	9,97918,95123	4,21586	10,02081,04877	20	
	50	9,83885,26424	2,20855	9,85962,09715	2,00730	9,97923,16709	4,21585	10,02076,83291	10	
38	0	9,83887,47279	2,20833	9,85960,08985	2,00749	9,97927,38294	4,21582	10,02072,61706	0	22
	10	9,83889,68112	2,20812	9,85958,08236	2,00769	9,97931,59876	4,21581	10,02068,40124	50	
	20	9,83891,88924	2,20790	9,85956,07467	2,00788	9,97935,81457	4,21578	10,02064,18543	40	
	30	9,83894,09714	2,20769	9,85954,06679	2,00808	9,97940,03035	4,21577	10,02059,96965	30	
	40	9,83896,30483	2,20747	9,85952,05871	2,00827	9,97944,24612	4,21575	10,02055,75388	20	
	50	9,83898,51230	2,20726	9,85950,05044	2,00847	9,97948,46187	4,21572	10,02051,53813	10	
39	0	9,83900,71956	2,20705	9,85948,04197	2,00866	9,97952,67759	4,21571	10,02047,32241	0	21
	10	9,83902,92661	2,20683	9,85946,03331	2,00886	9,97956,89330	4,21569	10,02043,10670	50	
	20	9,83905,13344	2,20662	9,85944,02445	2,00905	9,97961,10899	4,21567	10,02038,89101	40	
	30	9,83907,34006	2,20640	9,85942,01540	2,00925	9,97965,32466	4,21565	10,02034,67534	30	
	40	9,83909,54646	2,20619	9,85940,00615	2,00944	9,97969,54031	4,21563	10,02030,45969	20	
	50	9,83911,75265	2,20598	9,85937,99671	2,00964	9,97973,75594	4,21562	10,02026,24406	10	
40	0	9,83913,95863	2,20576	9,85935,98707	2,00983	9,97977,97156	4,21559	10,02022,02844	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,83913,95863		9,85935,98707		9,97977,97156		10,02022,02844	0	20
	10	9,83916,16439	2,20576	9,85933,97724	2,00983	9,97982,18715	4,21559	10,02017,81285	50	
	20	9,83918,36993	2,20554	9,85931,96721	2,01003	9,97986,40273	4,21558	10,02013,59727	40	
	30	9,83920,57527	2,20534	9,85929,95698	2,01023	9,97990,61828	4,21555	10,02009,38172	30	
	40	9,83922,78038	2,20511	9,85927,94657	2,01041	9,97994,83382	4,21554	10,02005,16618	20	
	50	9,83924,98529	2,20491	9,85925,93595	2,01062	9,97999,04934	4,21552	10,02000,95066	10	
41	0	9,83927,18998	2,20469	9,85923,92514	2,01081	9,98003,26483	4,21549	10,01996,73517	0	19
	10	9,83929,39446	2,20448	9,85921,91414	2,01100	9,98007,48032	4,21549	10,01992,51968	50	
	20	9,83931,59872	2,20426	9,85919,90294	2,01120	9,98011,69578	4,21546	10,01988,30422	40	
	30	9,83933,80277	2,20405	9,85917,89155	2,01139	9,98015,91122	4,21544	10,01984,08878	30	
	40	9,83936,00660	2,20383	9,85915,87996	2,01159	9,98020,12664	4,21542	10,01979,87336	20	
	50	9,83938,21022	2,20362	9,85913,86817	2,01179	9,98024,34205	4,21541	10,01975,65795	10	
42	0	9,83940,41363	2,20341	9,85911,85619	2,01198	9,98028,55744	4,21539	10,01971,44256	0	18
	10	9,83942,61682	2,20319	9,85909,84402	2,01217	9,98032,77280	4,21536	10,01967,22720	50	
	20	9,83944,81980	2,20298	9,85907,83165	2,01237	9,98036,98815	4,21535	10,01963,01185	40	
	30	9,83947,02257	2,20277	9,85905,81908	2,01257	9,98041,20349	4,21534	10,01958,79651	30	
	40	9,83949,22512	2,20255	9,85903,80632	2,01276	9,98045,41880	4,21531	10,01954,58120	20	
	50	9,83951,42745	2,20233	9,85901,79336	2,01296	9,98049,63409	4,21529	10,01950,36591	10	
43	0	9,83953,62958	2,20213	9,85899,78021	2,01315	9,98053,84937	4,21528	10,01946,15063	0	17
	10	9,83955,83149	2,20191	9,85897,76686	2,01335	9,98058,06463	4,21526	10,01941,93537	50	
	20	9,83958,03319	2,20170	9,85895,75332	2,01354	9,98062,27987	4,21524	10,01937,72013	40	
	30	9,83960,23467	2,20148	9,85893,73958	2,01374	9,98066,49509	4,21522	10,01933,50491	30	
	40	9,83962,43594	2,20127	9,85891,72565	2,01393	9,98070,71029	4,21520	10,01929,28971	20	
	50	9,83964,63699	2,20105	9,85889,71152	2,01413	9,98074,92547	4,21518	10,01925,07453	10	
44	0	9,83966,83783	2,20084	9,85887,69719	2,01433	9,98079,14064	4,21517	10,01920,85936	0	16
	10	9,83969,03846	2,20063	9,85885,68267	2,01452	9,98083,35579	4,21515	10,01916,64421	50	
	20	9,83971,23888	2,20042	9,85883,66796	2,01471	9,98087,57092	4,21513	10,01912,42908	40	
	30	9,83973,43908	2,20020	9,85881,65305	2,01491	9,98091,78603	4,21511	10,01908,21397	30	
	40	9,83975,63907	2,19999	9,85879,63794	2,01511	9,98096,00113	4,21510	10,01903,99887	20	
	50	9,83977,83884	2,19977	9,85877,62264	2,01530	9,98100,21621	4,21508	10,01899,78379	10	
45	0	9,83980,03840	2,19956	9,85875,60714	2,01550	9,98104,43126	4,21505	10,01895,56874	0	15
	10	9,83982,23775	2,19935	9,85873,59144	2,01570	9,98108,64630	4,21504	10,01891,35370	50	
	20	9,83984,43688	2,19913	9,85871,57555	2,01589	9,98112,86133	4,21503	10,01887,13867	40	
	30	9,83986,63580	2,19892	9,85869,55947	2,01608	9,98117,07633	4,21500	10,01882,92367	30	
	40	9,83988,83451	2,19871	9,85867,54319	2,01628	9,98121,29132	4,21499	10,01878,70868	20	
	50	9,83991,03300	2,19849	9,85865,52671	2,01648	9,98125,50629	4,21497	10,01874,49371	10	
46	0	9,83993,23128	2,19828	9,85863,51004	2,01667	9,98129,72124	4,21495	10,01870,27876	0	14
	10	9,83995,42935	2,19807	9,85861,49317	2,01687	9,98133,93618	4,21494	10,01866,06382	50	
	20	9,83997,62720	2,19785	9,85859,47611	2,01706	9,98138,15110	4,21492	10,01861,84890	40	
	30	9,83999,82484	2,19764	9,85857,45885	2,01726	9,98142,36600	4,21490	10,01857,63400	30	
	40	9,84002,02227	2,19743	9,85855,44139	2,01746	9,98146,58088	4,21488	10,01853,41912	20	
	50	9,84004,21948	2,19721	9,85853,42374	2,01765	9,98150,79574	4,21486	10,01849,20426	10	
47	0	9,84006,41648	2,19700	9,85851,40590	2,01784	9,98155,01059	4,21485	10,01844,98941	0	13
	10	9,84008,61327	2,19679	9,85849,38785	2,01805	9,98159,22542	4,21483	10,01840,77458	50	
	20	9,84010,80985	2,19658	9,85847,36961	2,01824	9,98163,44023	4,21481	10,01836,55977	40	
	30	9,84013,00621	2,19636	9,85845,35118	2,01843	9,98167,65503	4,21480	10,01832,34497	30	
	40	9,84015,20235	2,19614	9,85843,33255	2,01863	9,98171,86981	4,21478	10,01828,13019	20	
	50	9,84017,39829	2,19594	9,85841,31372	2,01883	9,98176,08457	4,21476	10,01823,91543	10	
48	0	9,84019,59401	2,19572	9,85839,29470	2,01902	9,98180,29931	4,21474	10,01819,70069	0	12
	10	9,84021,78952	2,19551	9,85837,27548	2,01922	9,98184,51404	4,21473	10,01815,48596	50	
	20	9,84023,98481	2,19529	9,85835,25607	2,01941	9,98188,72875	4,21471	10,01811,27125	40	
	30	9,84026,17990	2,19509	9,85833,23646	2,01961	9,98192,94344	4,21469	10,01807,05656	30	
	40	9,84028,37477	2,19487	9,85831,21665	2,01981	9,98197,15811	4,21467	10,01802,84189	20	
	50	9,84030,56942	2,19465	9,85829,19665	2,02000	9,98201,37277	4,21466	10,01798,62723	10	
49	0	9,84032,76387	2,19445	9,85827,17645	2,02020	9,98205,58741	4,21464	10,01794,41259	0	11
	10	9,84034,95810	2,19423	9,85825,15606	2,02039	9,98209,80204	4,21463	10,01790,19796	50	
	20	9,84037,15211	2,19401	9,85823,13547	2,02059	9,98214,01665	4,21461	10,01785,98335	40	
	30	9,84039,34592	2,19381	9,85821,11468	2,02079	9,98218,23124	4,21459	10,01781,76876	30	
	40	9,84041,53951	2,19359	9,85819,09370	2,02098	9,98222,44581	4,21457	10,01777,55419	20	
	50	9,84043,73289	2,19338	9,85817,07252	2,02118	9,98226,66037	4,21456	10,01773,33963	10	
50	0	9,84045,92605	2,19316	9,85815,05114	2,02138	9,98230,87491	4,21454	10,01769,12509	0	10
		Sin. Comple.	2,19296	SINVVM	2,02157	Tang. compl.	4,21452	TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
50	0	9,84045,92605		9,85815,05114		9,98230,87491		10,01769,12509	0	10
	10	9,84048,11901	2,19296	9,85813,02957	2,02157	9,98235,08943	4,21452	10,01764,91057	50	
	20	9,84050,31175	2,19274	9,85811,00781	2,02176	9,98239,30394	4,21451	10,01760,69606	40	
	30	9,84052,50428	2,19253	9,85808,98584	2,02197	9,98243,51843	4,21449	10,01756,48157	30	
	40	9,84054,69659	2,19231	9,85806,96368	2,02216	9,98247,73291	4,21448	10,01752,26709	20	
	50	9,84056,88869	2,19210	9,85804,94133	2,02235	9,98251,94737	4,21446	10,01748,05263	10	
51	0	9,84059,08058	2,19189	9,85802,91878	2,02255	9,98256,16181	4,21444	10,01743,83819	0	9
	10	9,84061,27226	2,19168	9,85800,89603	2,02275	9,98260,37623	4,21442	10,01739,62377	50	
	20	9,84063,46372	2,19146	9,85798,87308	2,02295	9,98264,59064	4,21441	10,01735,40936	40	
	30	9,84065,65497	2,19125	9,85796,84994	2,02314	9,98268,80503	4,21439	10,01731,19497	30	
	40	9,84067,84601	2,19104	9,85794,82660	2,02334	9,98273,01941	4,21438	10,01726,98059	20	
	50	9,84070,03684	2,19083	9,85792,80307	2,02353	9,98277,23377	4,21436	10,01722,76623	10	
52	0	9,84072,22745	2,19061	9,85790,77934	2,02373	9,98281,44811	4,21434	10,01718,55189	0	8
	10	9,84074,41785	2,19040	9,85788,75541	2,02393	9,98285,66244	4,21433	10,01714,33756	50	
	20	9,84076,60804	2,19019	9,85786,73129	2,02412	9,98289,87675	4,21431	10,01710,12325	40	
	30	9,84078,79802	2,18998	9,85784,70697	2,02432	9,98294,09105	4,21430	10,01705,90895	30	
	40	9,84080,98778	2,18976	9,85782,68246	2,02451	9,98298,30533	4,21428	10,01701,69467	20	
	50	9,84083,17733	2,18955	9,85780,65774	2,02472	9,98302,51959	4,21426	10,01697,48041	10	
53	0	9,84085,36667	2,18934	9,85778,63283	2,02491	9,98306,73384	4,21425	10,01693,26616	0	7
	10	9,84087,55580	2,18913	9,85776,60773	2,02510	9,98310,94807	4,21423	10,01689,05193	50	
	20	9,84089,74471	2,18891	9,85774,58243	2,02530	9,98315,16228	4,21421	10,01684,83772	40	
	30	9,84091,93341	2,18870	9,85772,55693	2,02550	9,98319,37648	4,21420	10,01680,62352	30	
	40	9,84094,12190	2,18849	9,85770,53123	2,02570	9,98323,59067	4,21419	10,01676,40933	20	
	50	9,84096,31018	2,18828	9,85768,50534	2,02589	9,98327,80483	4,21416	10,01672,19517	10	
54	0	9,84098,49824	2,18806	9,85766,47926	2,02608	9,98332,01899	4,21416	10,01667,98101	0	6
	10	9,84100,68609	2,18785	9,85764,45297	2,02629	9,98336,23312	4,21413	10,01663,76688	50	
	20	9,84102,87373	2,18764	9,85762,42649	2,02648	9,98340,44724	4,21412	10,01659,55276	40	
	30	9,84105,06116	2,18743	9,85760,39981	2,02668	9,98344,66135	4,21411	10,01655,33865	30	
	40	9,84107,24838	2,18722	9,85758,37294	2,02687	9,98348,87544	4,21409	10,01651,12456	20	
	50	9,84109,43538	2,18700	9,85756,34587	2,02707	9,98353,08951	4,21407	10,01646,91049	10	
55	0	9,84111,62217	2,18679	9,85754,31860	2,02727	9,98357,30357	4,21406	10,01642,69643	0	5
	10	9,84113,80875	2,18658	9,85752,29113	2,02747	9,98361,51761	4,21404	10,01638,48239	50	
	20	9,84115,99511	2,18636	9,85750,26347	2,02766	9,98365,73164	4,21403	10,01634,26836	40	
	30	9,84118,18127	2,18616	9,85748,23561	2,02786	9,98369,94565	4,21401	10,01630,05435	30	
	40	9,84120,36721	2,18594	9,85746,20756	2,02805	9,98374,15965	4,21400	10,01625,84035	20	
	50	9,84122,55294	2,18573	9,85744,17931	2,02825	9,98378,37363	4,21398	10,01621,62637	10	
56	0	9,84124,73846	2,18552	9,85742,15086	2,02845	9,98382,58760	4,21397	10,01617,41240	0	4
	10	9,84126,92376	2,18530	9,85740,12221	2,02865	9,98386,80155	4,21395	10,01613,19845	50	
	20	9,84129,10886	2,18510	9,85738,09337	2,02884	9,98391,01549	4,21394	10,01608,98451	40	
	30	9,84131,29374	2,18488	9,85736,06433	2,02904	9,98395,22941	4,21392	10,01604,77059	30	
	40	9,84133,47841	2,18467	9,85734,03510	2,02923	9,98399,44331	4,21390	10,01600,55669	20	
	50	9,84135,66287	2,18446	9,85732,00566	2,02944	9,98403,65720	4,21389	10,01596,34280	10	
57	0	9,84137,84711	2,18424	9,85729,97603	2,02963	9,98407,87108	4,21388	10,01592,12892	0	3
	10	9,84140,03115	2,18404	9,85727,94621	2,02982	9,98412,08494	4,21386	10,01587,91506	50	
	20	9,84142,21497	2,18382	9,85725,91618	2,03003	9,98416,29879	4,21385	10,01583,70121	40	
	30	9,84144,39858	2,18361	9,85723,88596	2,03022	9,98420,51262	4,21383	10,01579,48738	30	
	40	9,84146,58198	2,18340	9,85721,85555	2,03041	9,98424,72643	4,21381	10,01575,27357	20	
	50	9,84148,76516	2,18318	9,85719,82493	2,03062	9,98428,94023	4,21380	10,01571,05977	10	
58	0	9,84150,94814	2,18298	9,85717,79412	2,03081	9,98433,15402	4,21379	10,01566,84598	0	2
	10	9,84153,13090	2,18276	9,85715,76311	2,03101	9,98437,36779	4,21377	10,01562,63221	50	
	20	9,84155,31345	2,18255	9,85713,73190	2,03121	9,98441,58155	4,21376	10,01558,41845	40	
	30	9,84157,49579	2,18234	9,85711,70050	2,03140	9,98445,79529	4,21374	10,01554,20471	30	
	40	9,84159,67792	2,18213	9,85709,66890	2,03160	9,98450,00902	4,21373	10,01549,99098	20	
	50	9,84161,85984	2,18192	9,85707,63710	2,03180	9,98454,22273	4,21371	10,01545,77727	10	
59	0	9,84164,04154	2,18170	9,85705,60511	2,03199	9,98458,43643	4,21370	10,01541,56357	0	1
	10	9,84166,22303	2,18149	9,85703,57292	2,03219	9,98462,65011	4,21368	10,01537,34989	50	
	20	9,84168,40431	2,18128	9,85701,54053	2,03239	9,98466,86378	4,21367	10,01533,13622	40	
	30	9,84170,58538	2,18107	9,85699,50794	2,03259	9,98471,07744	4,21366	10,01528,92256	30	
	40	9,84172,76624	2,18086	9,85697,47516	2,03278	9,98475,29108	4,21364	10,01524,70892	20	
	50	9,84174,94689	2,18065	9,85695,44218	2,03298	9,98479,50471	4,21363	10,01520,49529	10	
60	0	9,84177,12732	2,18043	9,85693,40900	2,03318	9,98483,71832	4,21361	10,01516,28168	0	0
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
0	0	9,84177,12732	2,18023	9,85693,40900	2,03337	9,98483,71832	4,21360	10,01516,28168	0	60
	10	9,84179,30755	2,18001	9,85691,37563	2,03357	9,98487,93192	4,21358	10,01512,06808	50	
	20	9,84181,48756	2,17980	9,85689,34206	2,03377	9,98492,14550	4,21357	10,01507,85450	40	
	30	9,84183,66736	2,17959	9,85687,30829	2,03397	9,98496,35907	4,21355	10,01503,64093	30	
	40	9,84185,84695	2,17937	9,85685,27432	2,03416	9,98500,57262	4,21355	10,01499,42738	20	
	50	9,84188,02632	2,17917	9,85683,24016	2,03436	9,98504,78617	4,21352	10,01495,21383	10	
1	0	9,84190,20549	2,17895	9,85681,20580	2,03456	9,98508,99969	4,21352	10,01491,00031	0	59
	10	9,84192,38444	2,17875	9,85679,17124	2,03476	9,98513,21321	4,21349	10,01486,78679	50	
	20	9,84194,56319	2,17853	9,85677,13648	2,03495	9,98517,42670	4,21349	10,01482,57330	40	
	30	9,84196,74172	2,17832	9,85675,10153	2,03515	9,98521,64019	4,21347	10,01478,35981	30	
	40	9,84198,92004	2,17811	9,85673,06638	2,03535	9,98525,85366	4,21346	10,01474,14634	20	
	50	9,84201,09815	2,17789	9,85671,03103	2,03555	9,98530,06712	4,21344	10,01469,93288	10	
2	0	9,84203,27604	2,17769	9,85668,99548	2,03574	9,98534,28056	4,21343	10,01465,71944	0	58
	10	9,84205,45373	2,17747	9,85666,95974	2,03594	9,98538,49399	4,21342	10,01461,50601	50	
	20	9,84207,63120	2,17727	9,85664,92380	2,03614	9,98542,70741	4,21340	10,01457,29259	40	
	30	9,84209,80847	2,17705	9,85662,88766	2,03634	9,98546,92081	4,21339	10,01453,07919	30	
	40	9,84211,98552	2,17684	9,85660,85132	2,03653	9,98551,13420	4,21337	10,01448,86580	20	
	50	9,84214,16236	2,17663	9,85658,81479	2,03673	9,98555,34757	4,21336	10,01444,65243	10	
3	0	9,84216,33899	2,17642	9,85656,77806	2,03693	9,98559,56093	4,21335	10,01440,43907	0	57
	10	9,84218,51541	2,17621	9,85654,74113	2,03713	9,98563,77428	4,21334	10,01436,22572	50	
	20	9,84220,69162	2,17600	9,85652,70400	2,03732	9,98567,98762	4,21332	10,01432,01238	40	
	30	9,84222,86762	2,17578	9,85650,66668	2,03752	9,98572,20094	4,21330	10,01427,79906	30	
	40	9,84225,04340	2,17558	9,85648,62916	2,03772	9,98576,41424	4,21330	10,01423,58576	20	
	50	9,84227,21898	2,17536	9,85646,59144	2,03792	9,98580,62754	4,21328	10,01419,37246	10	
4	0	9,84229,39434	2,17515	9,85644,55352	2,03812	9,98584,84082	4,21327	10,01415,15918	0	56
	10	9,84231,56949	2,17494	9,85642,51540	2,03831	9,98589,05409	4,21325	10,01410,94591	50	
	20	9,84233,74443	2,17473	9,85640,47709	2,03851	9,98593,26734	4,21324	10,01406,73266	40	
	30	9,84235,91916	2,17452	9,85638,43858	2,03871	9,98597,48058	4,21323	10,01402,51942	30	
	40	9,84238,09368	2,17431	9,85636,39987	2,03890	9,98601,69381	4,21321	10,01398,30619	20	
	50	9,84240,26799	2,17410	9,85634,36097	2,03911	9,98605,90702	4,21321	10,01394,09298	10	
5	0	9,84242,44209	2,17389	9,85632,32186	2,03930	9,98610,12023	4,21318	10,01389,87977	0	55
	10	9,84244,61598	2,17367	9,85630,28256	2,03950	9,98614,33341	4,21318	10,01385,66659	50	
	20	9,84246,78965	2,17347	9,85628,24306	2,03969	9,98618,54659	4,21316	10,01381,45341	40	
	30	9,84248,96312	2,17325	9,85626,20337	2,03990	9,98622,75975	4,21315	10,01377,24025	30	
	40	9,84251,13637	2,17304	9,85624,16347	2,04009	9,98626,97290	4,21314	10,01373,02710	20	
	50	9,84253,30941	2,17284	9,85622,12338	2,04029	9,98631,18604	4,21312	10,01368,81396	10	
6	0	9,84255,48225	2,17262	9,85620,08309	2,04049	9,98635,39916	4,21311	10,01364,60084	0	54
	10	9,84257,65487	2,17241	9,85618,04260	2,04069	9,98639,61227	4,21310	10,01360,38773	50	
	20	9,84259,82728	2,17220	9,85616,00191	2,04088	9,98643,82537	4,21308	10,01356,17463	40	
	30	9,84261,99948	2,17199	9,85613,96103	2,04109	9,98648,03845	4,21308	10,01351,96155	30	
	40	9,84264,17147	2,17178	9,85611,91994	2,04128	9,98652,25153	4,21306	10,01347,74847	20	
	50	9,84266,34325	2,17157	9,85609,87866	2,04148	9,98656,46459	4,21304	10,01343,53541	10	
7	0	9,84268,51482	2,17135	9,85607,83718	2,04167	9,98660,67763	4,21304	10,01339,32237	0	53
	10	9,84270,68617	2,17115	9,85605,79551	2,04188	9,98664,89067	4,21302	10,01335,10933	50	
	20	9,84272,85732	2,17094	9,85603,75363	2,04207	9,98669,10369	4,21301	10,01330,89631	40	
	30	9,84275,02826	2,17072	9,85601,71156	2,04227	9,98673,31670	4,21300	10,01326,68330	30	
	40	9,84277,19898	2,17052	9,85599,66929	2,04247	9,98677,52970	4,21298	10,01322,47030	20	
	50	9,84279,36950	2,17030	9,85597,62682	2,04267	9,98681,74268	4,21297	10,01318,25732	10	
8	0	9,84281,53980	2,17010	9,85595,58415	2,04286	9,98685,95565	4,21296	10,01314,04435	0	52
	10	9,84283,70990	2,16988	9,85593,54129	2,04307	9,98690,16861	4,21295	10,01309,83139	50	
	20	9,84285,87978	2,16967	9,85591,49822	2,04326	9,98694,38156	4,21293	10,01305,61844	40	
	30	9,84288,04945	2,16947	9,85589,45496	2,04346	9,98698,59449	4,21293	10,01301,40551	30	
	40	9,84290,21892	2,16925	9,85587,41150	2,04366	9,98702,80742	4,21291	10,01297,19258	20	
	50	9,84292,38817	2,16904	9,85585,36784	2,04386	9,98707,02033	4,21290	10,01292,97967	10	
9	0	9,84294,55721	2,16883	9,85583,32398	2,04405	9,98711,23323	4,21288	10,01288,76677	0	51
	10	9,84296,72604	2,16862	9,85581,27993	2,04425	9,98715,44611	4,21288	10,01284,55389	50	
	20	9,84298,89466	2,16841	9,85579,23568	2,04446	9,98719,65899	4,21286	10,01280,34101	40	
	30	9,84301,06307	2,16820	9,85577,19122	2,04465	9,98723,87185	4,21285	10,01276,12815	30	
	40	9,84303,23127	2,16799	9,85575,14657	2,04484	9,98728,08470	4,21284	10,01271,91530	20	
	50	9,84305,39926	2,16778	9,85573,10173	2,04505	9,98732,29754	4,21282	10,01267,70246	10	
10	0	9,84307,56704	2,16757	9,85571,05668	2,04525	9,98736,51036	4,21282	10,01263,48964	0	50
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
10	0	9,84307,56704		9,85571,05668		9,98736,51036		10,01263,48964	0	50
	10	9,84309,73461	2,16757	9,85569,01143	2,04525	9,98740,72318	4,21282	10,01259,27682	50	
	20	9,84311,90197	2,16736	9,85566,96599	2,04544	9,98744,93598	4,21280	10,01255,06402	40	
	30	9,84314,06912	2,16715	9,85564,92035	2,04564	9,98749,14877	4,21279	10,01250,85123	30	
	40	9,84316,23606	2,16694	9,85562,87451	2,04584	9,98753,36155	4,21278	10,01246,63845	20	
	50	9,84318,40279	2,16673	9,85560,82847	2,04604	9,98757,57432	4,21277	10,01242,42568	10	
11	0	9,84320,56931	2,16652	9,85558,78223	2,04624	9,98761,78707	4,21275	10,01238,21293	0	49
	10	9,84322,73561	2,16630	9,85556,73580	2,04643	9,98765,99982	4,21275	10,01234,00018	50	
	20	9,84324,90171	2,16610	9,85554,68916	2,04664	9,98770,21255	4,21273	10,01229,78745	40	
	30	9,84327,06760	2,16589	9,85552,64233	2,04683	9,98774,42527	4,21272	10,01225,57473	30	
	40	9,84329,23328	2,16568	9,85550,59530	2,04703	9,98778,63798	4,21271	10,01221,36202	20	
	50	9,84331,39875	2,16547	9,85548,54807	2,04723	9,98782,85068	4,21270	10,01217,14932	10	
12	0	9,84333,56400	2,16525	9,85546,50064	2,04743	9,98787,06336	4,21268	10,01212,93664	0	48
	10	9,84335,72905	2,16505	9,85544,45301	2,04763	9,98791,27604	4,21268	10,01208,72396	50	
	20	9,84337,89389	2,16484	9,85542,40519	2,04782	9,98795,48870	4,21266	10,01204,51130	40	
	30	9,84340,05852	2,16463	9,85540,35716	2,04803	9,98799,70135	4,21265	10,01200,29865	30	
	40	9,84342,22293	2,16441	9,85538,30894	2,04822	9,98803,91399	4,21264	10,01196,08601	20	
	50	9,84344,38714	2,16421	9,85536,26052	2,04842	9,98808,12662	4,21263	10,01191,87338	10	
13	0	9,84346,55114	2,16400	9,85534,21190	2,04862	9,98812,33924	4,21262	10,01187,66076	0	47
	10	9,84348,71493	2,16379	9,85532,16308	2,04882	9,98816,55185	4,21261	10,01183,44815	50	
	20	9,84350,87851	2,16358	9,85530,11406	2,04902	9,98820,76445	4,21260	10,01179,23555	40	
	30	9,84353,04187	2,16336	9,85528,06484	2,04922	9,98824,97703	4,21258	10,01175,02297	30	
	40	9,84355,20503	2,16316	9,85526,01543	2,04941	9,98829,18961	4,21258	10,01170,81039	20	
	50	9,84357,36798	2,16295	9,85523,96581	2,04962	9,98833,40217	4,21256	10,01166,59783	10	
14	0	9,84359,53072	2,16274	9,85521,91600	2,04981	9,98837,61472	4,21255	10,01162,38528	0	46
	10	9,84361,69325	2,16253	9,85519,86599	2,05001	9,98841,82726	4,21254	10,01158,17274	50	
	20	9,84363,85557	2,16232	9,85517,81578	2,05021	9,98846,03979	4,21253	10,01153,96021	40	
	30	9,84366,01768	2,16211	9,85515,76537	2,05041	9,98850,25231	4,21252	10,01149,74769	30	
	40	9,84368,17958	2,16190	9,85513,71476	2,05061	9,98854,46482	4,21251	10,01145,53518	20	
	50	9,84370,34127	2,16169	9,85511,66395	2,05081	9,98858,67732	4,21250	10,01141,32268	10	
15	0	9,84372,50275	2,16148	9,85509,61295	2,05100	9,98862,88980	4,21248	10,01137,11020	0	45
	10	9,84374,66402	2,16127	9,85507,56174	2,05121	9,98867,10228	4,21248	10,01132,89772	50	
	20	9,84376,82508	2,16106	9,85505,51034	2,05140	9,98871,31475	4,21247	10,01128,68525	40	
	30	9,84378,98593	2,16085	9,85503,45873	2,05161	9,98875,52720	4,21245	10,01124,47280	30	
	40	9,84381,14658	2,16065	9,85501,40693	2,05180	9,98879,73965	4,21245	10,01120,26035	20	
	50	9,84383,30701	2,16043	9,85499,35493	2,05200	9,98883,95208	4,21243	10,01116,04792	10	
16	0	9,84385,46723	2,16022	9,85497,30273	2,05220	9,98888,16450	4,21242	10,01111,83550	0	44
	10	9,84387,62725	2,16002	9,85495,25033	2,05240	9,98892,37692	4,21242	10,01107,62308	50	
	20	9,84389,78705	2,15980	9,85493,19773	2,05260	9,98896,58932	4,21240	10,01103,41068	40	
	30	9,84391,94664	2,15959	9,85491,14493	2,05280	9,98900,80171	4,21239	10,01099,19829	30	
	40	9,84394,10603	2,15939	9,85489,09194	2,05299	9,98905,01409	4,21238	10,01094,98591	20	
	50	9,84396,26520	2,15917	9,85487,03874	2,05320	9,98909,22646	4,21237	10,01090,77354	10	
17	0	9,84398,42417	2,15897	9,85484,98535	2,05339	9,98913,43882	4,21236	10,01086,56118	0	43
	10	9,84400,58293	2,15876	9,85482,93175	2,05360	9,98917,65118	4,21236	10,01082,34882	50	
	20	9,84402,74148	2,15855	9,85480,87796	2,05379	9,98921,86352	4,21234	10,01078,13648	40	
	30	9,84404,89981	2,15833	9,85478,82397	2,05399	9,98926,07585	4,21233	10,01073,92415	30	
	40	9,84407,05794	2,15813	9,85476,76977	2,05420	9,98930,28817	4,21232	10,01069,71183	20	
	50	9,84409,21586	2,15792	9,85474,71538	2,05439	9,98934,50048	4,21231	10,01065,49952	10	
18	0	9,84411,37357	2,15771	9,85472,66079	2,05459	9,98938,71278	4,21230	10,01061,28722	0	42
	10	9,84413,53107	2,15750	9,85470,60600	2,05479	9,98942,92507	4,21229	10,01057,07493	50	
	20	9,84415,68836	2,15729	9,85468,55101	2,05499	9,98947,13735	4,21228	10,01052,86265	40	
	30	9,84417,84545	2,15709	9,85466,49583	2,05518	9,98951,34962	4,21227	10,01048,65038	30	
	40	9,84420,00232	2,15687	9,85464,44044	2,05539	9,98955,56188	4,21226	10,01044,43812	20	
	50	9,84422,15898	2,15666	9,85462,38485	2,05559	9,98959,77413	4,21225	10,01040,22587	10	
19	0	9,84424,31544	2,15646	9,85460,32906	2,05579	9,98963,98637	4,21224	10,01036,01363	0	41
	10	9,84426,47168	2,15624	9,85458,27308	2,05598	9,98968,19861	4,21224	10,01031,80139	50	
	20	9,84428,62772	2,15604	9,85456,21689	2,05619	9,98972,41083	4,21222	10,01027,58917	40	
	30	9,84430,78355	2,15583	9,85454,16051	2,05638	9,98976,62304	4,21221	10,01023,37696	30	
	40	9,84432,93917	2,15562	9,85452,10392	2,05659	9,98980,83524	4,21220	10,01019,16476	20	
	50	9,84435,09458	2,15541	9,85450,04714	2,05678	9,98985,04744	4,21220	10,01014,95256	10	
20	0	9,84437,24978	2,15520	9,85447,99016	2,05698	9,98989,25962	4,21218	10,01010,74038	0	40
			2,15499		2,05718		4,21217			
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
20	0	9,84437,24978		9,85447,99016		9,98989,25962		10,01010,74038	0	40
	10	9,84439,40477	2,15499	9,85445,93298	2,05718	9,98993,47179	4,21217	10,01006,52821	50	
	20	9,84441,55955	2,15478	9,85443,87559	2,05739	9,98997,68396	4,21217	10,01002,31604	40	
	30	9,84443,71412	2,15457	9,85441,81801	2,05758	9,99001,89611	4,21215	10,00998,10389	30	
	40	9,84445,86849	2,15437	9,85439,76023	2,05778	9,99006,10826	4,21215	10,00993,89174	20	
	50	9,84448,02264	2,15415	9,85437,70225	2,05798	9,99010,32039	4,21213	10,00989,67961	10	
21	0	9,84450,17659	2,15395	9,85435,64407	2,05818	9,99014,53252	4,21213	10,00985,46748	0	39
			2,15374		2,05838		4,21212			
	10	9,84452,33033	2,15353	9,85433,58569	2,05858	9,99018,74464	4,21211	10,00981,25536	50	
	20	9,84454,48386	2,15332	9,85431,52711	2,05878	9,99022,95675	4,21210	10,00977,04325	40	
	30	9,84456,63718	2,15311	9,85429,46833	2,05898	9,99027,16885	4,21209	10,00972,83115	30	
	40	9,84458,79029	2,15290	9,85427,40935	2,05918	9,99031,38094	4,21208	10,00968,61906	20	
	50	9,84460,94319	2,15269	9,85425,35017	2,05938	9,99035,59302	4,21207	10,00964,40698	10	
22	0	9,84463,09588	2,15249	9,85423,29079	2,05957	9,99039,80509	4,21206	10,00960,19491	0	38
			2,15227		2,05978		4,21206			
	10	9,84465,24837	2,15207	9,85421,23122	2,05998	9,99044,01715	4,21204	10,00955,98285	50	
	20	9,84467,40064	2,15186	9,85419,17144	2,06018	9,99048,22921	4,21204	10,00951,77079	40	
	30	9,84469,55271	2,15165	9,85417,11146	2,06037	9,99052,44125	4,21202	10,00947,55875	30	
	40	9,84471,70457	2,15144	9,85415,05128	2,06058	9,99056,65329	4,21202	10,00943,34671	20	
	50	9,84473,85622	2,15123	9,85412,99091	2,06078	9,99060,86531	4,21201	10,00939,13469	10	
23	0	9,84476,00766	2,15103	9,85410,93033	2,06098	9,99065,07733	4,21200	10,00934,92267	0	37
			2,15081		2,06117		4,21199			
	10	9,84478,15889	2,15061	9,85408,86955	2,06138	9,99069,28934	4,21199	10,00930,71066	50	
	20	9,84480,30992	2,15040	9,85406,80857	2,06158	9,99073,50134	4,21197	10,00926,49866	40	
	30	9,84482,46073	2,15019	9,85404,74740	2,06177	9,99077,71333	4,21197	10,00922,28667	30	
	40	9,84484,61134	2,14998	9,85402,68602	2,06198	9,99081,92532	4,21196	10,00918,07468	20	
	50	9,84486,76174	2,14977	9,85400,62444	2,06218	9,99086,13729	4,21195	10,00913,86271	10	
24	0	9,84488,91193	2,14956	9,85398,56267	2,06237	9,99090,34926	4,21194	10,00909,65074	0	36
			2,14936		2,06258		4,21193			
	10	9,84491,06191	2,14915	9,85396,50069	2,06278	9,99094,56122	4,21192	10,00905,43878	50	
	20	9,84493,21168	2,14894	9,85394,43851	2,06297	9,99098,77317	4,21192	10,00901,22683	40	
	30	9,84495,36124	2,14873	9,85392,37614	2,06318	9,99102,98511	4,21190	10,00897,01489	30	
	40	9,84497,51060	2,14852	9,85390,31356	2,06338	9,99107,19704	4,21189	10,00892,80296	20	
	50	9,84499,65975	2,14831	9,85388,25078	2,06357	9,99111,40896	4,21189	10,00888,59104	10	
25	0	9,84501,80869	2,14811	9,85386,18781	2,06378	9,99115,62088	4,21187	10,00884,37912	0	35
			2,14789		2,06398		4,21187			
	10	9,84503,95742	2,14769	9,85384,12463	2,06418	9,99119,83278	4,21185	10,00880,16722	50	
	20	9,84506,10594	2,14748	9,85382,06125	2,06437	9,99124,04468	4,21185	10,00875,95532	40	
	30	9,84508,25425	2,14727	9,85379,99768	2,06458	9,99128,25657	4,21185	10,00871,74343	30	
	40	9,84510,40236	2,14707	9,85377,93390	2,06478	9,99132,46846	4,21183	10,00867,53154	20	
	50	9,84512,55025	2,14685	9,85375,86992	2,06498	9,99136,68033	4,21183	10,00863,31967	10	
26	0	9,84514,69794	2,14665	9,85373,80574	2,06518	9,99140,89220	4,21182	10,00859,10780	0	34
			2,14644		2,06538		4,21181			
	10	9,84516,84542	2,14623	9,85371,74137	2,06557	9,99145,10405	4,21180	10,00854,89595	50	
	20	9,84518,99269	2,14602	9,85369,67679	2,06578	9,99149,31590	4,21179	10,00850,68410	40	
	30	9,84521,13976	2,14582	9,85367,61201	2,06598	9,99153,52775	4,21179	10,00846,47225	30	
	40	9,84523,28661	2,14561	9,85365,54703	2,06618	9,99157,73958	4,21177	10,00842,26042	20	
	50	9,84525,43326	2,14539	9,85363,48185	2,06638	9,99161,95141	4,21177	10,00838,04859	10	
27	0	9,84527,57970	2,14520	9,85361,41647	2,06659	9,99166,16323	4,21177	10,00833,83677	0	33
			2,14498		2,06678		4,21175			
	10	9,84529,72593	2,14477	9,85359,35090	2,06698	9,99170,37504	4,21175	10,00829,62496	50	
	20	9,84531,87195	2,14457	9,85357,28512	2,06718	9,99174,58684	4,21174	10,00825,41316	40	
	30	9,84534,01777	2,14436	9,85355,21914	2,06739	9,99178,79863	4,21174	10,00821,20137	30	
	40	9,84536,16338	2,14415	9,85353,15296	2,06758	9,99183,01042	4,21172	10,00816,98958	20	
	50	9,84538,30877	2,14394	9,85351,08658	2,06778	9,99187,22220	4,21172	10,00812,77780	10	
28	0	9,84540,45397	2,14374	9,85349,01999	2,06799	9,99191,43397	4,21172	10,00808,56603	0	32
			2,14352		2,06818		4,21170			
	10	9,84542,59895	2,14332	9,85347,95321	2,06839	9,99195,64574	4,21170	10,00804,35426	50	
	20	9,84544,74372	2,14311	9,85344,88623	2,06858	9,99199,85749	4,21169	10,00800,14251	40	
	30	9,84546,88829	2,14291	9,85342,81905	2,06879	9,99204,06924	4,21168	10,00795,93076	30	
	40	9,84549,03265	2,14269	9,85340,75166	2,06899	9,99208,28098	4,21168	10,00791,71902	20	
	50	9,84551,17680	2,14249	9,85338,68408	2,06919	9,99212,49272	4,21168	10,00787,50728	10	
29	0	9,84553,32074		9,85336,61630		9,99216,70444		10,00783,29556	0	31
	10	9,84555,46448		9,85334,54831		9,99220,91616		10,00779,08384	50	
	20	9,84557,60800		9,85332,48013		9,99225,12788		10,00774,87212	40	
	30	9,84559,75132		9,85330,41174		9,99229,33958		10,00770,66042	30	
	40	9,84561,89443		9,85328,34316		9,99233,55128		10,00766,44872	20	
	50	9,84564,03734		9,85326,27437		9,99237,76297		10,00762,23703	10	
30	0	9,84566,18003		9,85324,20538		9,99241,97465		10,00758,02535	0	30
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
30	0	9,84566,18003		9,85324,20538		9,99241,97465		10,00758,02535	0	30
	10	9,84568,32252	2,14249	9,85322,13619	2,06919	9,99246,18633	4,21168	10,00753,81367	50	
	20	9,84570,46480	2,14228	9,85320,06680	2,06939	9,99250,39800	4,21167	10,00749,60200	40	
	30	9,84572,60687	2,14207	9,85317,99722	2,06958	9,99254,60966	4,21166	10,00745,39034	30	
	40	9,84574,74874	2,14187	9,85315,92742	2,06980	9,99258,82131	4,21165	10,00741,17869	20	
	50	9,84576,89039	2,14165	9,85313,85743	2,06999	9,99263,03296	4,21165	10,00736,96704	10	
31	0	9,84579,03184	2,14145	9,85311,78724	2,07019	9,99267,24460	4,21164	10,00732,75540	0	29
	10	9,84581,17309	2,14125	9,85309,71685	2,07039	9,99271,45624	4,21164	10,00728,54376	50	
	20	9,84583,31412	2,14103	9,85307,64626	2,07059	9,99275,66786	4,21162	10,00724,33214	40	
	30	9,84585,45495	2,14083	9,85305,57546	2,07080	9,99279,87948	4,21162	10,00720,12052	30	
	40	9,84587,59556	2,14061	9,85303,50447	2,07099	9,99284,09110	4,21162	10,00715,90890	20	
	50	9,84589,73598	2,14042	9,85301,43327	2,07120	9,99288,30270	4,21160	10,00711,69730	10	
32	0	9,84591,87618	2,14020	9,85299,36188	2,07139	9,99292,51430	4,21160	10,00707,48570	0	28
	10	9,84594,01618	2,14000	9,85297,29028	2,07160	9,99296,72590	4,21160	10,00703,27410	50	
	20	9,84596,15596	2,13978	9,85295,21848	2,07180	9,99300,93748	4,21158	10,00699,06252	40	
	30	9,84598,29555	2,13959	9,85293,14648	2,07200	9,99305,14907	4,21159	10,00694,85093	30	
	40	9,84600,43492	2,13937	9,85291,07428	2,07220	9,99309,36064	4,21157	10,00690,63936	20	
	50	9,84602,57408	2,13916	9,85289,00188	2,07240	9,99313,57221	4,21157	10,00686,42779	10	
33	0	9,84604,71304	2,13896	9,85286,92928	2,07260	9,99317,78377	4,21156	10,00682,21623	0	27
	10	9,84606,85179	2,13875	9,85284,85647	2,07281	9,99321,99532	4,21155	10,00678,00468	50	
	20	9,84608,99034	2,13855	9,85282,78347	2,07300	9,99326,20687	4,21155	10,00673,79313	40	
	30	9,84611,12868	2,13834	9,85280,71026	2,07321	9,99330,41841	4,21154	10,00669,58159	30	
	40	9,84613,26680	2,13812	9,85278,63686	2,07340	9,99334,62995	4,21154	10,00665,37005	20	
	50	9,84615,40473	2,13793	9,85276,56325	2,07361	9,99338,84148	4,21153	10,00661,15852	10	
34	0	9,84617,54244	2,13771	9,85274,48944	2,07381	9,99343,05300	4,21152	10,00656,94700	0	26
	10	9,84619,67995	2,13751	9,85272,41543	2,07401	9,99347,26452	4,21152	10,00652,73548	50	
	20	9,84621,81725	2,13730	9,85270,34122	2,07421	9,99351,47603	4,21151	10,00648,52397	40	
	30	9,84623,95434	2,13709	9,85268,26681	2,07441	9,99355,68753	4,21150	10,00644,31247	30	
	40	9,84626,09123	2,13689	9,85266,19220	2,07461	9,99359,89903	4,21150	10,00640,10097	20	
	50	9,84628,22790	2,13667	9,85264,11738	2,07482	9,99364,11052	4,21149	10,00635,88948	10	
35	0	9,84630,36438	2,13648	9,85262,04237	2,07501	9,99368,32201	4,21149	10,00631,67799	0	25
	10	9,84632,50064	2,13626	9,85259,96715	2,07522	9,99372,53349	4,21148	10,00627,46651	50	
	20	9,84634,63670	2,13606	9,85257,89173	2,07542	9,99376,74496	4,21147	10,00623,25504	40	
	30	9,84636,77255	2,13585	9,85255,81611	2,07562	9,99380,95643	4,21147	10,00619,04357	30	
	40	9,84638,90819	2,13564	9,85253,74029	2,07582	9,99385,16790	4,21147	10,00614,83210	20	
	50	9,84641,04362	2,13543	9,85251,66427	2,07602	9,99389,37935	4,21145	10,00610,62065	10	
36	0	9,84643,17885	2,13523	9,85249,58805	2,07622	9,99393,59081	4,21146	10,00606,40919	0	24
	10	9,84645,31387	2,13502	9,85247,51162	2,07643	9,99397,80225	4,21144	10,00602,19775	50	
	20	9,84647,44869	2,13482	9,85245,43500	2,07662	9,99402,01369	4,21144	10,00597,98631	40	
	30	9,84649,58329	2,13460	9,85243,35817	2,07683	9,99406,22513	4,21144	10,00593,77487	30	
	40	9,84651,71770	2,13441	9,85241,28114	2,07703	9,99410,43655	4,21142	10,00589,56345	20	
	50	9,84653,85189	2,13419	9,85239,20391	2,07723	9,99414,64798	4,21143	10,00585,35202	10	
37	0	9,84655,98587	2,13398	9,85237,12648	2,07743	9,99418,85940	4,21142	10,00581,14060	0	23
	10	9,84658,11965	2,13378	9,85235,04885	2,07763	9,99423,07081	4,21141	10,00576,92919	50	
	20	9,84660,25323	2,13358	9,85232,97101	2,07784	9,99427,28222	4,21141	10,00572,71778	40	
	30	9,84662,38659	2,13336	9,85230,89298	2,07803	9,99431,49362	4,21140	10,00568,50638	30	
	40	9,84664,51975	2,13316	9,85228,81474	2,07824	9,99435,70501	4,21139	10,00564,29499	20	
	50	9,84666,65270	2,13295	9,85226,73630	2,07844	9,99439,91640	4,21139	10,00560,08360	10	
38	0	9,84668,78545	2,13275	9,85224,65766	2,07864	9,99444,12779	4,21139	10,00555,87221	0	22
	10	9,84670,91799	2,13254	9,85222,57882	2,07884	9,99448,33917	4,21138	10,00551,66083	50	
	20	9,84673,05032	2,13233	9,85220,49977	2,07905	9,99452,55055	4,21138	10,00547,44945	40	
	30	9,84675,18244	2,13212	9,85218,42053	2,07924	9,99456,76192	4,21137	10,00543,23808	30	
	40	9,84677,31436	2,13192	9,85216,34108	2,07945	9,99460,97328	4,21136	10,00539,02672	20	
	50	9,84679,44607	2,13171	9,85214,26143	2,07965	9,99465,18464	4,21136	10,00534,81536	10	
39	0	9,84681,57758	2,13151	9,85212,18158	2,07985	9,99469,39600	4,21136	10,00530,60400	0	21
	10	9,84683,70887	2,13129	9,85210,10153	2,08005	9,99473,60735	4,21135	10,00526,39265	50	
	20	9,84685,83997	2,13110	9,85208,02128	2,08025	9,99477,81869	4,21134	10,00522,18131	40	
	30	9,84687,97085	2,13088	9,85205,94082	2,08046	9,99482,03003	4,21134	10,00517,96997	30	
	40	9,84690,10153	2,13068	9,85203,86016	2,08066	9,99486,24137	4,21134	10,00513,75863	20	
	50	9,84692,23200	2,13047	9,85201,77930	2,08086	9,99490,45270	4,21133	10,00509,54730	10	
40	0	9,84694,36226	2,13026	9,85199,69824	2,08106	9,99494,66402	4,21132	10,00505,33598	0	20
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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M	S	SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.	TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
40	0	9,84694,36226		9,85199,69824		9,99494,66402		10,00505,33598	0	20
	10	9,84696,49232	2,13006	9,85197,61698	2,08126	9,99498,87534	4,21132	10,00501,12466	50	
	20	9,84698,62217	2,12985	9,85195,53552	2,08146	9,99503,08666	4,21132	10,00496,91334	40	
	30	9,84700,75182	2,12965	9,85193,45385	2,08167	9,99507,29797	4,21131	10,00492,70203	30	
	40	9,84702,88126	2,12944	9,85191,37198	2,08187	9,99511,50928	4,21131	10,00488,49072	20	
	50	9,84705,01049	2,12923	9,85189,28991	2,08207	9,99515,72058	4,21130	10,00484,27942	10	
41	0	9,84707,13952	2,12903	9,85187,20764	2,08227	9,99519,93188	4,21130	10,00480,06812	0	19
	10	9,84709,26834	2,12882	9,85185,12517	2,08247	9,99524,14317	4,21129	10,00475,85683	50	
	20	9,84711,39695	2,12861	9,85183,04249	2,08268	9,99528,35446	4,21129	10,00471,64554	40	
	30	9,84713,52536	2,12841	9,85180,95961	2,08288	9,99532,56574	4,21128	10,00467,43426	30	
	40	9,84715,65356	2,12820	9,85178,87653	2,08308	9,99536,77702	4,21128	10,00463,22298	20	
	50	9,84717,78155	2,12799	9,85176,79325	2,08328	9,99540,98830	4,21128	10,00459,01170	10	
42	0	9,84719,90934	2,12779	9,85174,70977	2,08348	9,99545,19957	4,21127	10,00454,80043	0	18
	10	9,84722,03692	2,12758	9,85172,62608	2,08369	9,99549,41084	4,21127	10,00450,58916	50	
	20	9,84724,16429	2,12737	9,85170,54219	2,08389	9,99553,62210	4,21126	10,00446,37790	40	
	30	9,84726,29146	2,12717	9,85168,45810	2,08409	9,99557,83336	4,21126	10,00442,16664	30	
	40	9,84728,41842	2,12696	9,85166,37381	2,08429	9,99562,04461	4,21125	10,00437,95539	20	
	50	9,84730,54518	2,12676	9,85164,28932	2,08449	9,99566,25586	4,21125	10,00433,74414	10	
43	0	9,84732,67173	2,12655	9,85162,20462	2,08470	9,99570,46711	4,21125	10,00429,53289	0	17
	10	9,84734,79807	2,12634	9,85160,11972	2,08490	9,99574,67835	4,21124	10,00425,32165	50	
	20	9,84736,92421	2,12614	9,85158,03462	2,08510	9,99578,88959	4,21124	10,00421,11041	40	
	30	9,84739,05014	2,12593	9,85155,94932	2,08530	9,99583,10082	4,21123	10,00416,89918	30	
	40	9,84741,17587	2,12573	9,85153,86381	2,08551	9,99587,31205	4,21123	10,00412,68795	20	
	50	9,84743,30139	2,12552	9,85151,77811	2,08570	9,99591,52328	4,21123	10,00408,47672	10	
44	0	9,84745,42670	2,12531	9,85149,69220	2,08591	9,99595,73450	4,21122	10,00404,26550	0	16
	10	9,84747,55181	2,12511	9,85147,60609	2,08611	9,99599,94572	4,21122	10,00400,05428	50	
	20	9,84749,67671	2,12490	9,85145,51977	2,08632	9,99604,15694	4,21122	10,00395,84306	40	
	30	9,84751,80140	2,12469	9,85143,43326	2,08651	9,99608,36815	4,21121	10,00391,63185	30	
	40	9,84753,92589	2,12449	9,85141,34654	2,08672	9,99612,57935	4,21120	10,00387,42065	20	
	50	9,84756,05017	2,12428	9,85139,25962	2,08692	9,99616,79056	4,21121	10,00383,20944	10	
45	0	9,84758,17425	2,12408	9,85137,17249	2,08713	9,99621,00176	4,21120	10,00378,99824	0	15
	10	9,84760,29812	2,12387	9,85135,08517	2,08732	9,99625,21295	4,21119	10,00374,78705	50	
	20	9,84762,42179	2,12367	9,85132,99764	2,08753	9,99629,42415	4,21120	10,00370,57585	40	
	30	9,84764,54524	2,12345	9,85130,90991	2,08773	9,99633,63534	4,21119	10,00366,36466	30	
	40	9,84766,66850	2,12326	9,85128,82197	2,08794	9,99637,84652	4,21118	10,00362,15348	20	
	50	9,84768,79155	2,12305	9,85126,73384	2,08813	9,99642,05771	4,21119	10,00357,94229	10	
46	0	9,84770,91439	2,12284	9,85124,64550	2,08834	9,99646,26889	4,21118	10,00353,73111	0	14
	10	9,84773,03702	2,12263	9,85122,55696	2,08854	9,99650,48006	4,21117	10,00349,51994	50	
	20	9,84775,15945	2,12243	9,85120,46822	2,08874	9,99654,69124	4,21118	10,00345,30876	40	
	30	9,84777,28168	2,12223	9,85118,37927	2,08895	9,99658,90240	4,21116	10,00341,09760	30	
	40	9,84779,40369	2,12201	9,85116,29012	2,08915	9,99663,11357	4,21117	10,00336,88643	20	
	50	9,84781,52551	2,12182	9,85114,20077	2,08935	9,99667,32473	4,21116	10,00332,67527	10	
47	0	9,84783,64711	2,12160	9,85112,11122	2,08955	9,99671,53589	4,21116	10,00328,46411	0	13
	10	9,84785,76851	2,12140	9,85110,02146	2,08976	9,99675,74705	4,21116	10,00324,25295	50	
	20	9,84787,88971	2,12120	9,85107,93150	2,08996	9,99679,95821	4,21116	10,00320,04179	40	
	30	9,84790,01070	2,12099	9,85105,84134	2,09016	9,99684,16936	4,21115	10,00315,83064	30	
	40	9,84792,13148	2,12078	9,85103,75098	2,09036	9,99688,38050	4,21114	10,00311,61950	20	
	50	9,84794,25206	2,12058	9,85101,66041	2,09057	9,99692,59165	4,21115	10,00307,40835	10	
48	0	9,84796,37243	2,12037	9,85099,56964	2,09077	9,99696,80279	4,21114	10,00303,19721	0	12
	10	9,84798,49260	2,12017	9,85097,47867	2,09097	9,99701,01393	4,21114	10,00298,98607	50	
	20	9,84800,61256	2,11996	9,85095,38749	2,09118	9,99705,22507	4,21114	10,00294,77493	40	
	30	9,84802,73232	2,11976	9,85093,29612	2,09137	9,99709,43620	4,21113	10,00290,56380	30	
	40	9,84804,85187	2,11955	9,85091,20454	2,09158	9,99713,64733	4,21113	10,00286,35267	20	
	50	9,84806,97121	2,11934	9,85089,11275	2,09179	9,99717,85846	4,21113	10,00282,14154	10	
49	0	9,84809,09035	2,11914	9,85087,02077	2,09198	9,99722,06959	4,21113	10,00277,93041	0	11
	10	9,84811,20929	2,11894	9,85084,92858	2,09219	9,99726,28071	4,21112	10,00273,71929	50	
	20	9,84813,32802	2,11873	9,85082,83619	2,09239	9,99730,49183	4,21112	10,00269,50817	40	
	30	9,84815,44654	2,11852	9,85080,74359	2,09260	9,99734,70295	4,21112	10,00265,29705	30	
	40	9,84817,56486	2,11832	9,85078,65079	2,09280	9,99738,91406	4,21111	10,00261,08594	20	
	50	9,84819,68297	2,11811	9,85076,55779	2,09300	9,99743,12518	4,21112	10,00256,87482	10	
50	0	9,84821,80088	2,11791	9,85074,46459	2,09320	9,99747,33629	4,21111	10,00252,66371	0	10
		Sin. Comple.		SINVVM		Tang. compl.		TANGEN.	S	M

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		SINVVM Logarithmi.	Differ.	Sin. Comple. Logarithmi.	Diff.		TANGEN. Logarithmi.	Differ. commu- nes.	Tang. compl. Logarithmi.		
M	S										
50	0	9,84821,80088		9,85074,46459			9,99747,33629		10,00252,66371	0	10
	10	9,84823,91858	2,11770	9,85072,37118	2,09341		9,99751,54740	4,21111	10,00248,45260	50	
	20	9,84826,03607	2,11749	9,85070,27757	2,09361		9,99755,75850	4,21110	10,00244,24150	40	
	30	9,84828,15336	2,11729	9,85068,18376	2,09381		9,99759,96960	4,21110	10,00240,03040	30	
	40	9,84830,27045	2,11709	9,85066,08974	2,09402		9,99764,18071	4,21111	10,00235,81929	20	
	50	9,84832,38733	2,11688	9,85063,99553	2,09421		9,99768,39181	4,21110	10,00231,60819	10	
51	0	9,84834,50401	2,11668	9,85061,90110	2,09443		9,99772,60290	4,21109	10,00227,39710	0	9
	10	9,84836,62048	2,11647	9,85059,80648	2,09462		9,99776,81400	4,21110	10,00223,18600	50	
	20	9,84838,73674	2,11626	9,85057,71165	2,09483		9,99781,02509	4,21109	10,00218,97491	40	
	30	9,84840,85280	2,11606	9,85055,61662	2,09503		9,99785,23618	4,21109	10,00214,76382	30	
	40	9,84842,96865	2,11585	9,85053,52139	2,09523		9,99789,44727	4,21109	10,00210,55273	20	
	50	9,84845,08430	2,11565	9,85051,42595	2,09544		9,99793,65836	4,21109	10,00206,34164	10	
52	0	9,84847,19975	2,11545	9,85049,33031	2,09564		9,99797,86944	4,21108	10,00202,13056	0	8
	10	9,84849,31499	2,11524	9,85047,23446	2,09585		9,99802,08052	4,21108	10,00197,91948	50	
	20	9,84851,43002	2,11503	9,85045,13842	2,09604		9,99806,29160	4,21108	10,00193,70840	40	
	30	9,84853,54485	2,11483	9,85043,04217	2,09625		9,99810,50268	4,21108	10,00189,49732	30	
	40	9,84855,65947	2,11462	9,85040,94571	2,09646		9,99814,71376	4,21108	10,00185,28624	20	
	50	9,84857,77389	2,11442	9,85038,84906	2,09665		9,99818,92484	4,21108	10,00181,07516	10	
53	0	9,84859,88810	2,11421	9,85036,75220	2,09686		9,99823,13591	4,21107	10,00176,86409	0	7
	10	9,84862,00211	2,11401	9,85034,65513	2,09707		9,99827,34698	4,21107	10,00172,65302	50	
	20	9,84864,11592	2,11381	9,85032,55786	2,09727		9,99831,55805	4,21107	10,00168,44195	40	
	30	9,84866,22952	2,11360	9,85030,46039	2,09747		9,99835,76912	4,21107	10,00164,23088	30	
	40	9,84868,34291	2,11339	9,85028,36272	2,09767		9,99839,98019	4,21107	10,00160,01981	20	
	50	9,84870,45610	2,11319	9,85026,26484	2,09788		9,99844,19125	4,21106	10,00155,80875	10	
54	0	9,84872,56908	2,11298	9,85024,16676	2,09808		9,99848,40232	4,21107	10,00151,59768	0	6
	10	9,84874,68186	2,11278	9,85022,06848	2,09828		9,99852,61338	4,21106	10,00147,38662	50	
	20	9,84876,79444	2,11258	9,85019,96999	2,09849		9,99856,82444	4,21106	10,00143,17556	40	
	30	9,84878,90681	2,11237	9,85017,87130	2,09869		9,99861,03550	4,21106	10,00138,96450	30	
	40	9,84881,01897	2,11216	9,85015,77241	2,09889		9,99865,24656	4,21106	10,00134,75344	20	
	50	9,84883,13093	2,11196	9,85013,67331	2,09910		9,99869,45762	4,21106	10,00130,54238	10	
55	0	9,84885,24269	2,11176	9,85011,57401	2,09930		9,99873,66868	4,21106	10,00126,33132	0	5
	10	9,84887,35424	2,11155	9,85009,47450	2,09951		9,99877,87973	4,21105	10,00122,12027	50	
	20	9,84889,46558	2,11134	9,85007,37479	2,09971		9,99882,09079	4,21106	10,00117,90921	40	
	30	9,84891,57672	2,11114	9,85005,27488	2,09991		9,99886,30184	4,21105	10,00113,69816	30	
	40	9,84893,68766	2,11094	9,85003,17477	2,10011		9,99890,51289	4,21105	10,00109,48711	20	
	50	9,84895,79839	2,11073	9,85001,07445	2,10032		9,99894,72394	4,21105	10,00105,27606	10	
56	0	9,84897,90892	2,11053	9,84998,97392	2,10053		9,99898,93499	4,21105	10,00101,06501	0	4
	10	9,84900,01924	2,11032	9,84996,87320	2,10072		9,99903,14604	4,21105	10,00096,85396	50	
	20	9,84902,12936	2,11012	9,84994,77227	2,10093		9,99907,35709	4,21105	10,00092,64291	40	
	30	9,84904,23927	2,10991	9,84992,67113	2,10114		9,99911,56814	4,21105	10,00088,43186	30	
	40	9,84906,34898	2,10971	9,84990,56979	2,10134		9,99915,77918	4,21104	10,00084,22082	20	
	50	9,84908,45848	2,10950	9,84988,46825	2,10154		9,99919,99023	4,21105	10,00080,00977	10	
57	0	9,84910,56778	2,10930	9,84986,36651	2,10174		9,99924,20128	4,21105	10,00075,79872	0	3
	10	9,84912,67688	2,10910	9,84984,26456	2,10195		9,99928,41232	4,21104	10,00071,58768	50	
	20	9,84914,78577	2,10889	9,84982,16240	2,10216		9,99932,62336	4,21104	10,00067,37664	40	
	30	9,84916,89445	2,10868	9,84980,06005	2,10235		9,99936,83441	4,21105	10,00063,16559	30	
	40	9,84919,00293	2,10848	9,84977,95749	2,10256		9,99941,04545	4,21104	10,00058,95455	20	
	50	9,84921,11121	2,10828	9,84975,85472	2,10277		9,99945,25649	4,21104	10,00054,74351	10	
58	0	9,84923,21928	2,10807	9,84973,75175	2,10297		9,99949,46753	4,21104	10,00050,53247	0	2
	10	9,84925,32715	2,10787	9,84971,64858	2,10317		9,99953,67857	4,21104	10,00046,32143	50	
	20	9,84927,43482	2,10767	9,84969,54520	2,10338		9,99957,88961	4,21104	10,00042,11039	40	
	30	9,84929,54227	2,10745	9,84967,44162	2,10358		9,99962,10065	4,21104	10,00037,89935	30	
	40	9,84931,64953	2,10726	9,84965,33784	2,10378		9,99966,31169	4,21104	10,00033,68831	20	
	50	9,84933,75658	2,10705	9,84963,23385	2,10399		9,99970,52273	4,21104	10,00029,47727	10	
59	0	9,84935,86343	2,10685	9,84961,12966	2,10419		9,99974,73377	4,21104	10,00025,26623	0	1
	10	9,84937,97007	2,10664	9,84959,02526	2,10440		9,99978,94481	4,21104	10,00021,05519	50	
	20	9,84940,07651	2,10644	9,84956,92066	2,10460		9,99983,15585	4,21104	10,00016,84415	40	
	30	9,84942,18274	2,10623	9,84954,81586	2,10480		9,99987,36689	4,21104	10,00012,63311	30	
	40	9,84944,28877	2,10603	9,84952,71085	2,10501		9,99991,57792	4,21103	10,00008,42208	20	
	50	9,84946,39460	2,10583	9,84950,60563	2,10522		9,99995,78896	4,21104	10,00004,21104	10	
60	0	9,84948,50022	2,10562	9,84948,50022	2,10541		10,00000,00000	4,21104	10,00000,00000	0	0
		Sin. Comple.		SINVVM			Tang. compl.		TANGEN.	S	M

H. BRIGGII TABVLA
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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1	0,00000,00000	30102,99957	51	1,70757,01761	843,31675	101	2,00432,13738	427,87980
2	0,30102,99957	17609,12590	52	1,71600,33436	827,25260	102	2,00860,01718	423,70529
3	0,47712,12547	12493,87366	53	1,72427,58696	811,78902	103	2,01283,72247	419,61146
4	0,60205,99913	9691,00130	54	1,73239,37598	796,89297	104	2,01703,33393	415,59598
5	0,69897,00043	7918,12461	55	1,74036,26895	782,53375	105	2,02118,92991	411,65662
6	0,77815,12504	6694,67896	56	1,74818,80270	768,68287	106	2,02530,58653	407,79124
7	0,84509,80400	5799,19470	57	1,75587,48557	755,31379	107	2,02938,37777	403,99778
8	0,90308,99870	5115,25224	58	1,76342,79936	742,40180	108	2,03342,37555	400,27424
9	0,95424,25094	4575,74906	59	1,77085,20116	729,92388	109	2,03742,64979	396,61873
10	1,00000,00000	4139,26852	60	1,77815,12504	717,85846	110	2,04139,26852	393,02936
11	1,04139,26852	3778,85608	61	1,78532,98350	706,18545	111	2,04532,29788	389,50439
12	1,07918,12460	3476,21063	62	1,79239,16895	694,88600	112	2,04921,80227	386,04208
13	1,11394,33523	3218,46834	63	1,79934,05495	683,94245	113	2,05307,84435	382,64078
14	1,14612,80357	2996,32234	64	1,80617,99740	673,33826	114	2,05690,48513	379,29891
15	1,17609,12591	2802,87236	65	1,81291,33566	663,05789	115	2,06069,78404	376,01488
16	1,20411,99827	2632,89387	66	1,81954,39355	653,08672	116	2,06445,79892	372,78725
17	1,23044,89214	2482,35837	67	1,82607,48027	643,41100	117	2,06818,58617	369,61456
18	1,25527,25051	2348,10959	68	1,83250,89127	634,01780	118	2,07188,20073	366,49541
19	1,27875,36010	2227,63947	69	1,83884,90907	624,89493	119	2,07554,69614	363,42846
20	1,30102,99957	2118,92990	70	1,84509,80400	616,03087	120	2,07918,12460	360,41243
21	1,32221,92947	2020,33861	71	1,85125,83487	607,41477	121	2,08278,53703	357,44604
22	1,34242,26808	1930,51552	72	1,85733,24964	599,03637	122	2,08635,98307	354,52807
23	1,36172,78360	1848,34057	73	1,86332,28601	590,88596	123	2,08990,51114	351,65738
24	1,38021,12417	1772,87670	74	1,86923,17197	582,95437	124	2,09342,16852	348,83278
25	1,39794,00087	1703,33393	75	1,87506,12634	575,23289	125	2,09691,00130	346,05321
26	1,41497,33480	1639,04162	76	1,88081,35923	567,71329	126	2,10037,05451	343,31759
27	1,43136,37642	1579,42671	77	1,88649,07252	560,38775	127	2,10380,37210	340,62486
28	1,44715,80313	1523,99666	78	1,89209,46027	553,24886	128	2,10720,99696	337,97407
29	1,46239,79979	1472,32568	79	1,89762,70913	546,28957	129	2,11058,97103	335,36420
30	1,47712,12547	1424,04391	80	1,90308,99870	539,50319	130	2,11394,33523	332,79434
31	1,49136,16938	1378,82845	81	1,90848,50189	532,88335	131	2,11727,12957	330,26355
32	1,50514,99783	1336,39616	82	1,91381,38524	526,42400	132	2,12057,39312	327,77098
33	1,51851,39399	1296,49771	83	1,91907,80924	520,11937	133	2,12385,16410	325,31574
34	1,53147,89170	1258,91274	84	1,92427,92861	513,96396	134	2,12710,47984	322,89701
35	1,54406,80444	1223,44564	85	1,92941,89257	507,95255	135	2,13033,37685	320,51399
36	1,55630,25008	1189,92233	86	1,93449,84512	502,08014	136	2,13353,89084	318,16588
37	1,56820,17241	1158,18725	87	1,93951,92526	496,34196	137	2,13672,05672	315,85192
38	1,57978,35966	1128,10104	88	1,94448,26722	490,73344	138	2,13987,90864	313,57139
39	1,59106,46070	1099,53843	89	1,94939,00066	485,25028	139	2,14301,48003	311,32354
40	1,60205,99913	1072,38654	90	1,95424,25094	479,88829	140	2,14612,80357	309,10770
41	1,61278,38567	1046,54337	91	1,95904,13923	474,64350	141	2,14921,91127	306,92317
42	1,62324,92904	1021,91652	92	1,96378,78273	469,51213	142	2,15228,83444	304,76931
43	1,63346,84556	998,42209	93	1,96848,29486	464,49050	143	2,15533,60375	302,64546
44	1,64345,26765	975,98373	94	1,97312,78536	459,57517	144	2,15836,24921	300,55101
45	1,65321,25138	954,53179	95	1,97772,36053	454,76277	145	2,16136,80022	298,48536
46	1,66275,78317	934,00262	96	1,98227,12330	450,05013	146	2,16435,28558	296,44789
47	1,67209,78579	914,33795	97	1,98677,17343	445,43414	147	2,16731,73347	294,43807
48	1,68124,12374	895,48426	98	1,99122,60757	440,91189	148	2,17026,17154	292,45530
49	1,69019,60800	877,39243	99	1,99563,51946	436,48054	149	2,17318,62684	290,49907
50	1,69897,00043	860,01718	100	2,00000,00000	432,13738	150	2,17609,12591	288,56882

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
151	2,17897,69473	286,66406	201	2,30319,60574	215,53120	251	2,39967,37215	172,68193
152	2,18184,35879	284,78429	202	2,30535,13694	214,46685	252	2,40140,05408	171,99804
153	2,18469,14308	282,92900	203	2,30749,60379	213,41295	253	2,40312,05212	171,31954
154	2,18752,07208	281,09774	204	2,30963,01674	212,36937	254	2,40483,37166	170,64638
155	2,19033,16982	279,29002	205	2,31175,38611	211,33593	255	2,40654,01804	169,97849
156	2,19312,45984	277,50540	206	2,31386,72204	210,31251	256	2,40823,99653	169,31580
157	2,19589,96524	275,74346	207	2,31597,03455	209,29895	257	2,40993,31233	168,65827
158	2,19865,70870	274,00373	208	2,31806,33350	208,29511	258	2,41161,97060	168,00581
159	2,20139,71243	272,28584	209	2,32014,62861	207,30086	259	2,41329,97641	167,35839
160	2,20411,99827	270,58933	210	2,32221,92947	206,31606	260	2,41497,33480	166,71593
161	2,20682,58760	268,91385	211	2,32428,24553	205,34056	261	2,41664,05073	166,07840
162	2,20951,50145	267,25899	212	2,32633,58609	204,37425	262	2,41830,12913	165,44572
163	2,21218,76044	265,62436	213	2,32837,96034	203,41699	263	2,41995,57485	164,81784
164	2,21484,38480	264,00962	214	2,33041,37733	202,46866	264	2,42160,39269	164,19470
165	2,21748,39442	262,41438	215	2,33243,84599	201,52913	265	2,42324,58739	163,57627
166	2,22010,80880	260,83831	216	2,33445,37512	200,59826	266	2,42488,16366	162,96248
167	2,22271,64711	259,28106	217	2,33645,97338	199,67598	267	2,42651,12614	162,35326
168	2,22530,92817	257,74229	218	2,33845,64936	198,76212	268	2,42813,47940	161,74860
169	2,22788,67046	256,22168	219	2,34044,41148	197,85660	269	2,42975,22800	161,14842
170	2,23044,89214	254,71890	220	2,34242,26808	196,95929	270	2,43136,37642	160,55267
171	2,23299,61104	253,23365	221	2,34439,22737	196,07008	271	2,43296,92909	159,96131
172	2,23552,84469	251,76562	222	2,34635,29745	195,18885	272	2,43456,89040	159,37430
173	2,23804,61031	250,31452	223	2,34830,48630	194,31553	273	2,43616,26470	158,79158
174	2,24054,92483	248,88004	224	2,35024,80183	193,44998	274	2,43775,05628	158,21310
175	2,24303,80487	247,46191	225	2,35218,25181	192,59210	275	2,43933,26938	157,63883
176	2,24551,26678	246,05986	226	2,35410,84391	191,74181	276	2,44090,90821	157,06870
177	2,24797,32664	244,67359	227	2,35602,58572	190,89898	277	2,44247,97691	156,50268
178	2,25042,00023	243,30287	228	2,35793,48470	190,06353	278	2,44404,47959	155,94074
179	2,25285,30310	241,94741	229	2,35983,54823	189,23537	279	2,44560,42033	155,38280
180	2,25527,25051	240,60698	230	2,36172,78360	188,41439	280	2,44715,80313	154,82886
181	2,25767,85749	239,28131	231	2,36361,19799	187,60050	281	2,44870,63199	154,27884
182	2,26007,13880	237,97017	232	2,36548,79849	186,79361	282	2,45024,91083	153,73272
183	2,26245,10897	236,67333	233	2,36735,59210	185,99364	283	2,45178,64355	153,19045
184	2,26481,78230	235,39054	234	2,36921,58574	185,20049	284	2,45331,83400	152,65200
185	2,26717,17284	234,12158	235	2,37106,78623	184,41407	285	2,45484,48600	152,11731
186	2,26951,29442	232,86623	236	2,37291,20030	183,63430	286	2,45636,60331	151,58636
187	2,27184,16065	231,62428	237	2,37474,83460	182,86111	287	2,45788,18967	151,05911
188	2,27415,78493	230,39549	238	2,37657,69571	182,09438	288	2,45939,24878	150,53550
189	2,27646,18042	229,17968	239	2,37839,79009	181,33408	289	2,46089,78428	150,01551
190	2,27875,36010	227,97662	240	2,38021,12417	180,58009	290	2,46239,79979	149,49911
191	2,28103,33672	226,78615	241	2,38201,70426	179,83234	291	2,46389,29890	148,98624
192	2,28330,12287	225,60803	242	2,38381,53660	179,09076	292	2,46538,28514	148,47690
193	2,28555,73090	224,44209	243	2,38560,62736	178,35527	293	2,46686,76204	147,97100
194	2,28780,17299	223,28815	244	2,38738,98263	177,62581	294	2,46834,73304	147,46856
195	2,29003,46114	222,14600	245	2,38916,60844	176,90227	295	2,46982,20160	146,96951
196	2,29225,60714	221,01548	246	2,39093,51071	176,18462	296	2,47129,17111	146,47382
197	2,29446,62262	219,89641	247	2,39269,69533	175,47275	297	2,47275,64493	145,98148
198	2,29666,51903	218,78861	248	2,39445,16808	174,76663	298	2,47421,62641	145,49242
199	2,29885,30764	217,69193	249	2,39619,93471	174,06616	299	2,47567,11883	145,00664
200	2,30102,99957	216,60617	250	2,39794,00087	173,37128	300	2,47712,12547	144,52409

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
301	2,47856,64956		351	2,54530,71165		401	2,60314,43726	
302	2,48000,69430	144,04474	352	2,54654,26635	123,55470	402	2,60422,60531	108,16805
303	2,48144,26285	143,56855	353	2,54777,47054	123,20419	403	2,60530,50461	107,89930
304	2,48287,35836	143,09551	354	2,54900,32620	122,85566	404	2,60638,13651	107,63190
305	2,48429,98393	142,62557	355	2,55022,83531	122,50911	405	2,60745,50232	107,36581
306	2,48572,14265	142,15872	356	2,55144,99980	122,16449	406	2,60852,60336	107,10104
307	2,48713,83755	141,69490	357	2,55266,82161	121,82181	407	2,60959,44092	106,83756
308	2,48855,07165	141,23410	358	2,55388,30266	121,48105	408	2,61066,01631	106,57539
309	2,48995,84794	140,77629	359	2,55509,44486	121,14220	409	2,61172,33080	106,31449
310	2,49136,16938	140,32144	360	2,55630,25008	120,80522	410	2,61278,38567	106,05487
311	2,49276,03890	139,86952	361	2,55750,72019	120,47011	411	2,61384,18219	105,79652
312	2,49415,45940	139,42050	362	2,55870,85705	120,13686	412	2,61489,72160	105,53941
313	2,49554,43375	138,97435	363	2,55990,66250	119,80545	413	2,61595,00517	105,28357
314	2,49692,96481	138,53106	364	2,56110,13836	119,47586	414	2,61700,03411	105,02894
315	2,49831,05538	138,09057	365	2,56229,28645	119,14809	415	2,61804,80967	104,77556
316	2,49968,70826	137,65288	366	2,56348,10854	118,82209	416	2,61909,33306	104,52339
317	2,50105,92622	137,21796	367	2,56466,60643	118,49789	417	2,62013,60550	104,27244
318	2,50242,71200	136,78578	368	2,56584,78187	118,17544	418	2,62117,62818	104,02268
319	2,50379,06831	136,35631	369	2,56702,63662	117,85475	419	2,62221,40230	103,77412
320	2,50514,99783	135,92952	370	2,56820,17241	117,53579	420	2,62324,92904	103,52674
321	2,50650,50324	135,50541	371	2,56937,39096	117,21855	421	2,62428,20958	103,28054
322	2,50785,58717	135,08393	372	2,57054,29399	116,90303	422	2,62531,24510	103,03552
323	2,50920,25223	134,66506	373	2,57170,88318	116,58919	423	2,62634,03674	102,79164
324	2,51054,50102	134,24879	374	2,57287,16022	116,27704	424	2,62736,58566	102,54892
325	2,51188,33610	133,83508	375	2,57403,12677	115,96655	425	2,62838,89301	102,30735
326	2,51321,76001	133,42391	376	2,57518,78449	115,65772	426	2,62940,95991	102,06690
327	2,51454,77527	133,01526	377	2,57634,13502	115,35053	427	2,63042,78750	101,82759
328	2,51587,38437	132,60910	378	2,57749,17998	115,04496	428	2,63144,37690	101,58940
329	2,51719,58979	132,20542	379	2,57863,92100	114,74102	429	2,63245,72922	101,35232
330	2,51851,39399	131,80420	380	2,57978,35966	114,43866	430	2,63346,84556	101,11634
331	2,51982,79938	131,40539	381	2,58092,49757	114,13791	431	2,63447,72702	100,88146
332	2,52113,80837	131,00899	382	2,58206,33629	113,83872	432	2,63548,37468	100,64766
333	2,52244,42335	130,61498	383	2,58319,87740	113,54111	433	2,63648,78964	100,41496
334	2,52374,64668	130,22333	384	2,58433,12244	113,24504	434	2,63748,97295	100,18331
335	2,52504,48070	129,83402	385	2,58546,07295	112,95051	435	2,63848,92570	99,95275
336	2,52633,92774	129,44704	386	2,58658,73047	112,65752	436	2,63948,64893	99,72323
337	2,52762,99009	129,06235	387	2,58771,09650	112,36603	437	2,64048,14370	99,49477
338	2,52891,67003	128,67994	388	2,58883,17256	112,07606	438	2,64147,41105	99,26735
339	2,53019,96982	128,29979	389	2,58994,96013	111,78757	439	2,64246,45202	99,04097
340	2,53147,89170	127,92188	390	2,59106,46070	111,50057	440	2,64345,26765	98,81563
341	2,53275,43790	127,54620	391	2,59217,67574	111,21504	441	2,64443,85895	98,59130
342	2,53402,61061	127,17271	392	2,59328,60670	110,93096	442	2,64542,22693	98,36798
343	2,53529,41200	126,80139	393	2,59439,25504	110,64834	443	2,64640,37262	98,14569
344	2,53655,84426	126,43226	394	2,59549,62218	110,36714	444	2,64738,29701	97,92439
345	2,53781,90951	126,06525	395	2,59659,70956	110,08738	445	2,64836,00110	97,70409
346	2,53907,60988	125,70037	396	2,59769,51859	109,80903	446	2,64933,48587	97,48477
347	2,54032,94748	125,33760	397	2,59879,05068	109,53209	447	2,65030,75231	97,26644
348	2,54157,92439	124,97691	398	2,59988,30721	109,25653	448	2,65127,80140	97,04909
349	2,54282,54270	124,61831	399	2,60097,28957	108,98236	449	2,65224,63410	96,83270
350	2,54406,80444	124,26174	400	2,60205,99913	108,70956	450	2,65321,25138	96,61728
		123,90721			108,43813			96,40281

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
451	2,65417,65419	96,18929	501	2,69983,77259	86,59912	551	2,74115,15989	78,74788
452	2,65513,84348	95,97672	502	2,70070,37171	86,42680	552	2,74193,90777	78,60536
453	2,65609,82020	95,76509	503	2,70156,79851	86,25513	553	2,74272,51313	78,46334
454	2,65705,58529	95,55438	504	2,70243,05364	86,08417	554	2,74350,97647	78,32184
455	2,65801,13967	95,34460	505	2,70329,13781	85,91387	555	2,74429,29831	78,18085
456	2,65896,48427	95,13574	506	2,70415,05168	85,74425	556	2,74507,47916	78,04036
457	2,65991,62001	94,92779	507	2,70500,79593	85,57530	557	2,74585,51952	77,90037
458	2,66086,54780	94,72075	508	2,70586,37123	85,40700	558	2,74663,41989	77,76090
459	2,66181,26855	94,51462	509	2,70671,77823	85,23938	559	2,74741,18079	77,62191
460	2,66275,78317	94,30937	510	2,70757,01761	85,07240	560	2,74818,80270	77,48343
461	2,66370,09254	94,10502	511	2,70842,09001	84,90609	561	2,74896,28613	77,34543
462	2,66464,19756	93,90154	512	2,70926,99610	84,74041	562	2,74973,63156	77,20793
463	2,66558,09910	93,69896	513	2,71011,73651	84,57539	563	2,75050,83949	77,07091
464	2,66651,79806	93,49723	514	2,71096,31190	84,41100	564	2,75127,91040	76,93438
465	2,66745,29529	93,29638	515	2,71180,72290	84,24726	565	2,75204,84478	76,79834
466	2,66838,59167	93,09639	516	2,71264,97016	84,08415	566	2,75281,64312	76,66277
467	2,66931,68806	92,89725	517	2,71349,05431	83,92166	567	2,75358,30589	76,52768
468	2,67024,58531	92,69896	518	2,71432,97597	83,75981	568	2,75434,83357	76,39307
469	2,67117,28427	92,50152	519	2,71516,73578	83,59858	569	2,75511,22664	76,25893
470	2,67209,78579	92,30492	520	2,71600,33436	83,43797	570	2,75587,48557	76,12525
471	2,67302,09071	92,10915	521	2,71683,77233	83,27797	571	2,75663,61082	75,99206
472	2,67394,19986	91,91421	522	2,71767,05030	83,11859	572	2,75739,60288	75,85932
473	2,67486,11407	91,72010	523	2,71850,16889	82,95981	573	2,75815,46220	75,72704
474	2,67577,83417	91,52679	524	2,71933,12870	82,80164	574	2,75891,18924	75,59523
475	2,67669,36096	91,33431	525	2,72015,93034	82,64408	575	2,75966,78447	75,46387
476	2,67760,69527	91,14263	526	2,72098,57442	82,48710	576	2,76042,24834	75,33298
477	2,67851,83790	90,95176	527	2,72181,06152	82,33073	577	2,76117,58132	75,20252
478	2,67942,78966	90,76168	528	2,72263,39225	82,17495	578	2,76192,78384	75,07253
479	2,68033,55134	90,57240	529	2,72345,56720	82,01976	579	2,76267,85637	74,94299
480	2,68124,12374	90,38390	530	2,72427,58696	81,86515	580	2,76342,79936	74,81388
481	2,68214,50764	90,19618	531	2,72509,45211	81,71112	581	2,76417,61324	74,68522
482	2,68304,70382	90,00926	532	2,72591,16323	81,55767	582	2,76492,29846	74,55702
483	2,68394,71308	89,82308	533	2,72672,72090	81,40480	583	2,76566,85548	74,42923
484	2,68484,53616	89,63770	534	2,72754,12570	81,25250	584	2,76641,28471	74,30190
485	2,68574,17386	89,45307	535	2,72835,37820	81,10077	585	2,76715,58661	74,17499
486	2,68663,62693	89,26919	536	2,72916,47897	80,94960	586	2,76789,76160	74,04852
487	2,68752,89612	89,08608	537	2,72997,42857	80,79900	587	2,76863,81012	73,92249
488	2,68841,98220	88,90371	538	2,73078,22757	80,64895	588	2,76937,73261	73,79687
489	2,68930,88591	88,72209	539	2,73158,87652	80,49946	589	2,77011,52948	73,67168
490	2,69019,60800	88,54121	540	2,73239,37598	80,35053	590	2,77085,20116	73,54693
491	2,69108,14921	88,36107	541	2,73319,72651	80,20214	591	2,77158,74809	73,42258
492	2,69196,51028	88,18165	542	2,73399,92865	80,05431	592	2,77232,17067	73,29867
493	2,69284,69193	88,00296	543	2,73479,98296	79,90701	593	2,77305,46934	73,17516
494	2,69372,69489	87,82500	544	2,73559,88997	79,76026	594	2,77378,64450	73,05207
495	2,69460,51989	87,64776	545	2,73639,65023	79,61404	595	2,77451,69657	72,92940
496	2,69548,16765	87,47122	546	2,73719,26427	79,46836	596	2,77524,62597	72,80714
497	2,69635,63887	87,29541	547	2,73798,73263	79,32322	597	2,77597,43311	72,68529
498	2,69722,93428	87,12028	548	2,73878,05585	79,17860	598	2,77670,11840	72,56384
499	2,69810,05456	86,94587	549	2,73957,23445	79,03450	599	2,77742,68224	72,44280
500	2,69897,00043	86,77216	550	2,74036,26895	78,89094	600	2,77815,12504	72,32216

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
601	2,77887,44720	72,20193	651	2,81358,09886	66,66071	701	2,84571,80180	61,90941
602	2,77959,64913	72,08208	652	2,81424,75957	66,55856	702	2,84633,71121	61,82129
603	2,78031,73121	71,96265	653	2,81491,31813	66,45670	703	2,84695,53250	61,73341
604	2,78103,69386	71,84361	654	2,81557,77483	66,35517	704	2,84757,26591	61,64579
605	2,78175,53747	71,72495	655	2,81624,13000	66,25394	705	2,84818,91170	61,55841
606	2,78247,26242	71,60669	656	2,81690,38394	66,15302	706	2,84880,47011	61,47127
607	2,78318,86911	71,48882	657	2,81756,53696	66,05240	707	2,84941,94138	61,38439
608	2,78390,35793	71,37133	658	2,81822,58936	65,95210	708	2,85003,32577	61,29775
609	2,78461,72926	71,25424	659	2,81888,54146	65,85209	709	2,85064,62352	61,21135
610	2,78532,98350	71,13752	660	2,81954,39355	65,75240	710	2,85125,83487	61,12520
611	2,78604,12102	71,02119	661	2,82020,14595	65,65299	711	2,85186,96007	61,03929
612	2,78675,14221	70,90524	662	2,82085,79894	65,55390	712	2,85247,99936	60,95363
613	2,78746,04745	70,78966	663	2,82151,35284	65,45510	713	2,85308,95299	60,86819
614	2,78816,83711	70,67447	664	2,82216,80794	65,35659	714	2,85369,82118	60,78300
615	2,78887,51158	70,55964	665	2,82282,16453	65,25839	715	2,85430,60418	60,69805
616	2,78958,07122	70,44518	666	2,82347,42292	65,16047	716	2,85491,30223	60,61334
617	2,79028,51640	70,33111	667	2,82412,58339	65,06286	717	2,85551,91557	60,52885
618	2,79098,84751	70,21739	668	2,82477,64625	64,96553	718	2,85612,44442	60,44462
619	2,79169,06490	70,10405	669	2,82542,61178	64,86849	719	2,85672,88904	60,36060
620	2,79239,16895	69,99107	670	2,82607,48027	64,77175	720	2,85733,24964	60,27683
621	2,79309,16002	69,87845	671	2,82672,25202	64,67529	721	2,85793,52647	60,19329
622	2,79379,03847	69,76620	672	2,82736,92731	64,57911	722	2,85853,71976	60,10997
623	2,79448,80467	69,65430	673	2,82801,50642	64,48323	723	2,85913,82973	60,02689
624	2,79518,45897	69,54276	674	2,82865,98965	64,38763	724	2,85973,85662	59,94404
625	2,79588,00173	69,43159	675	2,82930,37728	64,29231	725	2,86033,80066	59,86141
626	2,79657,43332	69,32076	676	2,82994,66959	64,19728	726	2,86093,66207	59,77902
627	2,79726,75408	69,21029	677	2,83058,86687	64,10252	727	2,86153,44109	59,69684
628	2,79795,96437	69,10017	678	2,83122,96939	64,00804	728	2,86213,13793	59,61490
629	2,79865,06454	68,99041	679	2,83186,97743	63,91384	729	2,86272,75283	59,53318
630	2,79934,05495	68,88097	680	2,83250,89127	63,81992	730	2,86332,28601	59,45169
631	2,80002,93592	68,77191	681	2,83314,71119	63,72628	731	2,86391,73770	59,37041
632	2,80071,70783	68,66317	682	2,83378,43747	63,63290	732	2,86451,10811	59,28935
633	2,80140,37100	68,55479	683	2,83442,07037	63,53980	733	2,86510,39746	59,20853
634	2,80208,92579	68,44674	684	2,83505,61017	63,44698	734	2,86569,60599	59,12792
635	2,80277,37253	68,33903	685	2,83569,05715	63,35442	735	2,86628,73391	59,04752
636	2,80345,71156	68,23167	686	2,83632,41157	63,26214	736	2,86687,78143	58,96736
637	2,80413,94323	68,12464	687	2,83695,67371	63,17011	737	2,86746,74879	58,88739
638	2,80482,06787	68,01795	688	2,83758,84382	63,07837	738	2,86805,63618	58,80766
639	2,80550,08582	67,91158	689	2,83821,92219	62,98688	739	2,86864,44384	58,72813
640	2,80617,99740	67,80555	690	2,83884,90907	62,89567	740	2,86923,17197	58,64883
641	2,80685,80295	67,69986	691	2,83947,80474	62,80471	741	2,86981,82080	58,56973
642	2,80753,50281	67,59448	692	2,84010,60945	62,71401	742	2,87040,39053	58,49085
643	2,80821,09729	67,48945	693	2,84073,32346	62,62359	743	2,87098,88138	58,41217
644	2,80888,58674	67,38472	694	2,84135,94705	62,53341	744	2,87157,29355	58,33372
645	2,80955,97146	67,28034	695	2,84198,48046	62,44350	745	2,87215,62727	58,25548
646	2,81023,25180	67,17627	696	2,84260,92396	62,35385	746	2,87273,88275	58,17743
647	2,81090,42807	67,07252	697	2,84323,27781	62,26445	747	2,87332,06018	58,09961
648	2,81157,50059	66,96909	698	2,84385,54226	62,17531	748	2,87390,15979	58,02198
649	2,81224,46968	66,86598	699	2,84447,71757	62,08643	749	2,87448,18177	57,94457
650	2,81291,33566	66,76320	700	2,84509,80400	61,99780	750	2,87506,12634	57,86736

Chilias 1.

Chilias 1.

Chilias 1.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
751	2,87563,99370	57,79036	801	2,90363,25161	54,18522	851	2,92992,95601	51,00347
752	2,87621,78406	57,71356	802	2,90417,43683	54,11770	852	2,93043,95948	50,94364
753	2,87679,49762	57,63697	803	2,90471,55453	54,05034	853	2,93094,96312	50,88395
754	2,87737,13459	57,56057	804	2,90525,60487	53,98317	854	2,93145,78707	50,82440
755	2,87794,69516	57,48439	805	2,90579,58804	53,91614	855	2,93196,61147	50,76500
756	2,87852,17955	57,40840	806	2,90633,50418	53,84929	856	2,93247,37647	50,70572
757	2,87909,58795	57,33261	807	2,90687,35347	53,78261	857	2,93298,08219	50,64659
758	2,87966,92056	57,25703	808	2,90741,13608	53,71608	858	2,93348,72878	50,58760
759	2,88024,17759	57,18164	809	2,90794,85216	53,64973	859	2,93399,31638	50,52874
760	2,88081,35923	57,10645	810	2,90848,50189	53,58353	860	2,93449,84512	50,47003
761	2,88138,46568	57,03145	811	2,90902,08542	53,51750	861	2,93500,31515	50,41143
762	2,88195,49713	56,95667	812	2,90955,60292	53,45164	862	2,93550,72658	50,35299
763	2,88252,45380	56,88206	813	2,91009,05456	53,38593	863	2,93601,07957	50,29468
764	2,88309,33586	56,80766	814	2,91062,44049	53,32038	864	2,93651,37425	50,23650
765	2,88366,14352	56,73344	815	2,91115,76087	53,25501	865	2,93701,61075	50,17845
766	2,88422,87696	56,65943	816	2,91169,01588	53,18977	866	2,93751,78920	50,12055
767	2,88479,53639	56,58561	817	2,91222,20565	53,12472	867	2,93801,90975	50,06277
768	2,88536,12200	56,51198	818	2,91275,33037	53,05981	868	2,93851,97252	50,00512
769	2,88592,63398	56,43854	819	2,91328,39018	52,99506	869	2,93901,97764	49,94762
770	2,88649,07252	56,36529	820	2,91381,38524	52,93047	870	2,93951,92526	49,89024
771	2,88705,43781	56,29222	821	2,91434,31571	52,86604	871	2,94001,81550	49,83299
772	2,88761,73003	56,21936	822	2,91487,18175	52,80177	872	2,94051,64849	49,77588
773	2,88817,94939	56,14668	823	2,91539,98352	52,73765	873	2,94101,42437	49,71889
774	2,88874,09607	56,07418	824	2,91592,72117	52,67368	874	2,94151,14326	49,66204
775	2,88930,17025	56,00188	825	2,91645,39485	52,60988	875	2,94200,80530	49,60532
776	2,88986,17213	55,92975	826	2,91698,00473	52,54623	876	2,94250,41062	49,54872
777	2,89042,10188	55,85782	827	2,91750,55096	52,48272	877	2,94299,95934	49,49225
778	2,89097,95970	55,78607	828	2,91803,03368	52,41938	878	2,94349,45159	49,43592
779	2,89153,74577	55,71450	829	2,91855,45306	52,35618	879	2,94398,88751	49,37971
780	2,89209,46027	55,64312	830	2,91907,80924	52,29314	880	2,94448,26722	49,32362
781	2,89265,10339	55,57192	831	2,91960,10238	52,23025	881	2,94497,59084	49,26767
782	2,89320,67531	55,50090	832	2,92012,33263	52,16751	882	2,94546,85851	49,21185
783	2,89376,17621	55,43006	833	2,92064,50014	52,10492	883	2,94596,07036	49,15614
784	2,89431,60627	55,35940	834	2,92116,60506	52,04249	884	2,94645,22650	49,10057
785	2,89486,96567	55,28893	835	2,92168,64755	51,98019	885	2,94694,32707	49,04512
786	2,89542,25460	55,21864	836	2,92220,62774	51,91806	886	2,94743,37219	48,98979
787	2,89597,47324	55,14851	837	2,92272,54580	51,85606	887	2,94792,36198	48,93460
788	2,89652,62175	55,07857	838	2,92324,40186	51,79422	888	2,94841,29658	48,87952
789	2,89707,70032	55,00881	839	2,92376,19608	51,73253	889	2,94890,17610	48,82456
790	2,89762,70913	54,93922	840	2,92427,92861	51,67097	890	2,94939,00066	48,76974
791	2,89817,64835	54,86981	841	2,92479,59958	51,60957	891	2,94987,77040	48,71504
792	2,89872,51816	54,80057	842	2,92531,20915	51,54831	892	2,95036,48544	48,66045
793	2,89927,31873	54,73151	843	2,92582,75746	51,48720	893	2,95085,14589	48,60599
794	2,89982,05024	54,66263	844	2,92634,24466	51,42623	894	2,95133,75188	48,55165
795	2,90036,71287	54,59390	845	2,92685,67089	51,36541	895	2,95182,30353	48,49744
796	2,90091,30677	54,52537	846	2,92737,03630	51,30473	896	2,95230,80097	48,44333
797	2,90145,83214	54,45700	847	2,92788,34103	51,24420	897	2,95279,24430	48,38937
798	2,90200,28914	54,38879	848	2,92839,58523	51,18379	898	2,95327,63367	48,33550
799	2,90254,67793	54,32077	849	2,92890,76902	51,12355	899	2,95375,96917	48,28177
800	2,90308,99870	54,25291	850	2,92941,89257	51,06344	900	2,95424,25094	48,22816

Chilias 1.

Chilias 1.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
901	2,95472,47910	48,17465	951	2,97818,05169	45,64315	1001	3,00043,40775	43,36440
902	2,95520,65375	48,12128	952	2,97863,69484	45,59522	1002	3,00086,77215	43,32115
903	2,95568,77503	48,06802	953	2,97909,29006	45,54741	1003	3,00130,09330	43,27798
904	2,95616,84305	48,01487	954	2,97954,83747	45,49969	1004	3,00173,37128	43,23490
905	2,95664,85792	47,96185	955	2,98000,33716	45,45207	1005	3,00216,60618	43,19189
906	2,95712,81977	47,90894	956	2,98045,78923	45,40455	1006	3,00259,79807	43,14899
907	2,95760,72871	47,85614	957	2,98091,19378	45,35713	1007	3,00302,94706	43,10615
908	2,95808,58485	47,80347	958	2,98136,55091	45,30981	1008	3,00346,05321	43,06341
909	2,95856,38832	47,75091	959	2,98181,86072	45,26258	1009	3,00389,11662	43,02076
910	2,95904,13923	47,69847	960	2,98227,12330	45,21547	1010	3,00432,13738	42,97818
911	2,95951,83770	47,64613	961	2,98272,33877	45,16843	1011	3,00475,11556	42,93569
912	2,95999,48383	47,59392	962	2,98317,50720	45,12151	1012	3,00518,05125	42,89329
913	2,96047,07775	47,54182	963	2,98362,62871	45,07468	1013	3,00560,94454	42,85096
914	2,96094,61957	47,48984	964	2,98407,70339	45,02794	1014	3,00603,79550	42,80872
915	2,96142,10941	47,43796	965	2,98452,73133	44,98131	1015	3,00646,60422	42,76657
916	2,96189,54737	47,38620	966	2,98497,71264	44,93477	1016	3,00689,37079	42,72450
917	2,96236,93357	47,33455	967	2,98542,64741	44,88832	1017	3,00732,09529	42,68251
918	2,96284,26812	47,28302	968	2,98587,53573	44,84198	1018	3,00774,77780	42,64060
919	2,96331,55114	47,23159	969	2,98632,37771	44,79572	1019	3,00817,41840	42,59878
920	2,96378,78273	47,18029	970	2,98677,17343	44,74956	1020	3,00860,01718	42,55703
921	2,96425,96302	47,12909	971	2,98721,92299	44,70350	1021	3,00902,57421	42,51537
922	2,96473,09211	47,07799	972	2,98766,62649	44,65754	1022	3,00945,08958	42,47379
923	2,96520,17010	47,02702	973	2,98811,28403	44,61166	1023	3,00987,56337	42,43229
924	2,96567,19712	46,97615	974	2,98855,89569	44,56588	1024	3,01029,99566	42,39088
925	2,96614,17327	46,92540	975	2,98900,46157	44,52020	1025	3,01072,38654	42,34954
926	2,96661,09867	46,87474	976	2,98944,98177	44,47460	1026	3,01114,73608	42,30828
927	2,96707,97341	46,82421	977	2,98989,45637	44,42911	1027	3,01157,04436	42,26711
928	2,96754,79762	46,77378	978	2,99033,88548	44,38370	1028	3,01199,31147	42,22601
929	2,96801,57140	46,72346	979	2,99078,26918	44,33839	1029	3,01241,53748	42,18499
930	2,96848,29486	46,67324	980	2,99122,60757	44,29317	1030	3,01283,72247	42,14406
931	2,96894,96810	46,62314	981	2,99166,90074	44,24804	1031	3,01325,86653	42,10320
932	2,96941,59124	46,57313	982	2,99211,14878	44,20300	1032	3,01367,96973	42,06242
933	2,96988,16437	46,52325	983	2,99255,35178	44,15806	1033	3,01410,03215	42,02173
934	2,97034,68762	46,47347	984	2,99299,50984	44,11321	1034	3,01452,05388	41,98110
935	2,97081,16109	46,42378	985	2,99343,62305	44,06844	1035	3,01494,03498	41,94056
936	2,97127,58487	46,37422	986	2,99387,69149	44,02378	1036	3,01535,97554	41,90010
937	2,97173,95909	46,32475	987	2,99431,71527	43,97919	1037	3,01577,87564	41,85971
938	2,97220,28384	46,27539	988	2,99475,69446	43,93470	1038	3,01619,73535	41,81941
939	2,97266,55923	46,22613	989	2,99519,62916	43,89030	1039	3,01661,55476	41,77917
940	2,97312,78536	46,17698	990	2,99563,51946	43,84599	1040	3,01703,33393	41,73902
941	2,97358,96234	46,12794	991	2,99607,36545	43,80177	1041	3,01745,07295	41,69895
942	2,97405,09028	46,07899	992	2,99651,16722	43,75763	1042	3,01786,77190	41,65894
943	2,97451,16927	46,03016	993	2,99694,92485	43,71359	1043	3,01828,43084	41,61903
944	2,97497,19943	45,98142	994	2,99738,63844	43,66963	1044	3,01870,04987	41,57917
945	2,97543,18085	45,93279	995	2,99782,30807	43,62577	1045	3,01911,62904	41,53941
946	2,97589,11364	45,88426	996	2,99825,93384	43,58199	1046	3,01953,16845	41,49972
947	2,97634,99790	45,83583	997	2,99869,51583	43,53830	1047	3,01994,66817	41,46009
948	2,97680,83373	45,78751	998	2,99913,05413	43,49469	1048	3,02036,12826	41,42056
949	2,97726,62124	45,73929	999	2,99956,54882	43,45118	1049	3,02077,54882	41,38109
950	2,97772,36053	45,69116	1000	3,00000,00000	43,40775	1050	3,02118,92991	41,34169

Chilias 2.

Chilias 2.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1051	3,02160,27160	41,30238	1101	3,04178,73190	39,42755	1151	3,06107,53236	37,71555
1052	3,02201,57398	41,26314	1102	3,04218,15945	39,39179	1152	3,06145,24791	37,68282
1053	3,02242,83712	41,22397	1103	3,04257,55124	39,35610	1153	3,06182,93073	37,65015
1054	3,02284,06109	41,18487	1104	3,04296,90734	39,32046	1154	3,06220,58088	37,61754
1055	3,02325,24596	41,14586	1105	3,04336,22780	39,28490	1155	3,06258,19842	37,58499
1056	3,02366,39182	41,10691	1106	3,04375,51270	39,24939	1156	3,06295,78341	37,55249
1057	3,02407,49873	41,06804	1107	3,04414,76209	39,21395	1157	3,06333,33590	37,52004
1058	3,02448,56677	41,02924	1108	3,04453,97604	39,17857	1158	3,06370,85594	37,48766
1059	3,02489,59601	40,99052	1109	3,04493,15461	39,14327	1159	3,06408,34360	37,45532
1060	3,02530,58653	40,95186	1110	3,04532,29788	39,10801	1160	3,06445,79892	37,42305
1061	3,02571,53839	40,91328	1111	3,04571,40589	39,07283	1161	3,06483,22197	37,39084
1062	3,02612,45167	40,87478	1112	3,04610,47872	39,03771	1162	3,06520,61281	37,35866
1063	3,02653,32645	40,83635	1113	3,04649,51643	39,00265	1163	3,06557,97147	37,32656
1064	3,02694,16280	40,79798	1114	3,04688,51908	38,96766	1164	3,06595,29803	37,29451
1065	3,02734,96078	40,75969	1115	3,04727,48674	38,93272	1165	3,06632,59254	37,26250
1066	3,02775,72047	40,72147	1116	3,04766,41946	38,89785	1166	3,06669,85504	37,23056
1067	3,02816,44194	40,68333	1117	3,04805,31731	38,86305	1167	3,06707,08560	37,19868
1068	3,02857,12527	40,64525	1118	3,04844,18036	38,82829	1168	3,06744,28428	37,16684
1069	3,02897,77052	40,60725	1119	3,04883,00865	38,79362	1169	3,06781,45112	37,13505
1070	3,02938,37777	40,56931	1120	3,04921,80227	38,75899	1170	3,06818,58617	37,10334
1071	3,02978,94708	40,53146	1121	3,04960,56126	38,72443	1171	3,06855,68951	37,07166
1072	3,03019,47854	40,49366	1122	3,04999,28569	38,68994	1172	3,06892,76117	37,04004
1073	3,03059,97220	40,45594	1123	3,05037,97563	38,65549	1173	3,06929,80121	37,00848
1074	3,03100,42814	40,41829	1124	3,05076,63112	38,62112	1174	3,06966,80969	36,97697
1075	3,03140,84643	40,38070	1125	3,05115,25224	38,58681	1175	3,07003,78666	36,94551
1076	3,03181,22713	40,34320	1126	3,05153,83905	38,55255	1176	3,07040,73217	36,91411
1077	3,03221,57033	40,30576	1127	3,05192,39160	38,51836	1177	3,07077,64628	36,88277
1078	3,03261,87609	40,26838	1128	3,05230,90996	38,48423	1178	3,07114,52905	36,85146
1079	3,03302,14447	40,23108	1129	3,05269,39419	38,45016	1179	3,07151,38051	36,82022
1080	3,03342,37555	40,19385	1130	3,05307,84435	38,41614	1180	3,07188,20073	36,78903
1081	3,03382,56940	40,15668	1131	3,05346,26049	38,38220	1181	3,07224,98976	36,75789
1082	3,03422,72608	40,11958	1132	3,05384,64269	38,34830	1182	3,07261,74765	36,72681
1083	3,03462,84566	40,08256	1133	3,05422,99099	38,31447	1183	3,07298,47446	36,69578
1084	3,03502,92822	40,04560	1134	3,05461,30546	38,28069	1184	3,07335,17024	36,66479
1085	3,03542,97382	40,00871	1135	3,05499,58615	38,24699	1185	3,07371,83503	36,63387
1086	3,03582,98253	39,97188	1136	3,05537,83314	38,21333	1186	3,07408,46890	36,60300
1087	3,03622,95441	39,93513	1137	3,05576,04647	38,17974	1187	3,07445,07190	36,57216
1088	3,03662,88954	39,89844	1138	3,05614,22621	38,14620	1188	3,07481,64406	36,54140
1089	3,03702,78798	39,86181	1139	3,05652,37241	38,11272	1189	3,07518,18546	36,51068
1090	3,03742,64979	39,82527	1140	3,05690,48513	38,07931	1190	3,07554,69614	36,48001
1091	3,03782,47506	39,78878	1141	3,05728,56444	38,04595	1191	3,07591,17615	36,44939
1092	3,03822,26384	39,75235	1142	3,05766,61039	38,01265	1192	3,07627,62554	36,41883
1093	3,03862,01619	39,71601	1143	3,05804,62304	37,97941	1193	3,07664,04437	36,38831
1094	3,03901,73220	39,67972	1144	3,05842,60245	37,94622	1194	3,07700,43268	36,35785
1095	3,03941,41192	39,64349	1145	3,05880,54867	37,91309	1195	3,07736,79053	36,32744
1096	3,03981,05541	39,60735	1146	3,05918,46176	37,88003	1196	3,07773,11797	36,29707
1097	3,04020,66276	39,57125	1147	3,05956,34179	37,84702	1197	3,07809,41504	36,26677
1098	3,04060,23401	39,53523	1148	3,05994,18881	37,81406	1198	3,07845,68181	36,23650
1099	3,04099,76924	39,49928	1149	3,06032,00287	37,78117	1199	3,07881,91831	36,20629
1100	3,04139,26852	39,46338	1150	3,06069,78404	37,74832	1200	3,07918,12460	36,17614

Chilias 2.

Chilias 2.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1201	3,07954,30074	36,14603	1251	3,09725,73097	34,70192	1301	3,11427,72966	33,36876
1202	3,07990,44677	36,11596	1252	3,09760,43289	34,67421	1302	3,11461,09842	33,34315
1203	3,08026,56273	36,08596	1253	3,09795,10710	34,64655	1303	3,11494,44157	33,31757
1204	3,08062,64869	36,05600	1254	3,09829,75365	34,61893	1304	3,11527,75914	33,29203
1205	3,08098,70469	36,02609	1255	3,09864,37258	34,59136	1305	3,11561,05117	33,26652
1206	3,08134,73078	35,99623	1256	3,09898,96394	34,56383	1306	3,11594,31769	33,24107
1207	3,08170,72701	35,96642	1257	3,09933,52777	34,53634	1307	3,11627,55876	33,21564
1208	3,08206,69343	35,93666	1258	3,09968,06411	34,50890	1308	3,11660,77440	33,19026
1209	3,08242,63009	35,90694	1259	3,10002,57301	34,48150	1309	3,11693,96466	33,16491
1210	3,08278,53703	35,87728	1260	3,10037,05451	34,45415	1310	3,11727,12957	33,13960
1211	3,08314,41431	35,84767	1261	3,10071,50866	34,42683	1311	3,11760,26917	33,11433
1212	3,08350,26198	35,81811	1262	3,10105,93549	34,39957	1312	3,11793,38350	33,08911
1213	3,08386,08009	35,78858	1263	3,10140,33506	34,37233	1313	3,11826,47261	33,06391
1214	3,08421,86867	35,75912	1264	3,10174,70739	34,34516	1314	3,11859,53652	33,03876
1215	3,08457,62779	35,72970	1265	3,10209,05255	34,31802	1315	3,11892,57528	33,01365
1216	3,08493,35749	35,70033	1266	3,10243,37057	34,29092	1316	3,11925,58893	32,98857
1217	3,08529,05782	35,67101	1267	3,10277,66149	34,26386	1317	3,11958,57750	32,96353
1218	3,08564,72883	35,64173	1268	3,10311,92535	34,23686	1318	3,11991,54103	32,93852
1219	3,08600,37056	35,61251	1269	3,10346,16221	34,20989	1319	3,12024,47955	32,91357
1220	3,08635,98307	35,58332	1270	3,10380,37210	34,18296	1320	3,12057,39312	32,88864
1221	3,08671,56639	35,55420	1271	3,10414,55506	34,15607	1321	3,12090,28176	32,86375
1222	3,08707,12059	35,52511	1272	3,10448,71113	34,12924	1322	3,12123,14551	32,83891
1223	3,08742,64570	35,49608	1273	3,10482,84037	34,10243	1323	3,12155,98442	32,81409
1224	3,08778,14178	35,46709	1274	3,10516,94280	34,07568	1324	3,12188,79851	32,78932
1225	3,08813,60887	35,43815	1275	3,10551,01848	34,04896	1325	3,12221,58783	32,76458
1226	3,08849,04702	35,40925	1276	3,10585,06744	34,02229	1326	3,12254,35241	32,73988
1227	3,08884,45627	35,38041	1277	3,10619,08973	33,99565	1327	3,12287,09229	32,71521
1228	3,08919,83668	35,35161	1278	3,10653,08538	33,96907	1328	3,12319,80750	32,69059
1229	3,08955,18829	35,32285	1279	3,10687,05445	33,94251	1329	3,12352,49809	32,66601
1230	3,08990,51114	35,29415	1280	3,10720,99696	33,91601	1330	3,12385,16410	32,64145
1231	3,09025,80529	35,26549	1281	3,10754,91297	33,88955	1331	3,12417,80555	32,61693
1232	3,09061,07078	35,23688	1282	3,10788,80252	33,86312	1332	3,12450,42248	32,59246
1233	3,09096,30766	35,20831	1283	3,10822,66564	33,83673	1333	3,12483,01494	32,56802
1234	3,09131,51597	35,17979	1284	3,10856,50237	33,81040	1334	3,12515,58296	32,54361
1235	3,09166,69576	35,15132	1285	3,10890,31277	33,78409	1335	3,12548,12657	32,51924
1236	3,09201,84708	35,12288	1286	3,10924,09686	33,75783	1336	3,12580,64581	32,49492
1237	3,09236,96996	35,09451	1287	3,10957,85469	33,73161	1337	3,12613,14073	32,47061
1238	3,09272,06447	35,06617	1288	3,10991,58630	33,70544	1338	3,12645,61134	32,44636
1239	3,09307,13064	35,03788	1289	3,11025,29174	33,67929	1339	3,12678,05770	32,42214
1240	3,09342,16852	35,00963	1290	3,11058,97103	33,65320	1340	3,12710,47984	32,39795
1241	3,09377,17815	34,98143	1291	3,11092,62423	33,62714	1341	3,12742,87779	32,37379
1242	3,09412,15958	34,95328	1292	3,11126,25137	33,60112	1342	3,12775,25158	32,34969
1243	3,09447,11286	34,92518	1293	3,11159,85249	33,57514	1343	3,12807,60127	32,32560
1244	3,09482,03804	34,89710	1294	3,11193,42763	33,54921	1344	3,12839,92687	32,30156
1245	3,09516,93514	34,86909	1295	3,11226,97684	33,52331	1345	3,12872,22843	32,27756
1246	3,09551,80423	34,84112	1296	3,11260,50015	33,49746	1346	3,12904,50599	32,25358
1247	3,09586,64535	34,81318	1297	3,11293,99761	33,47164	1347	3,12936,75957	32,22965
1248	3,09621,45853	34,78531	1298	3,11327,46925	33,44586	1348	3,12968,98922	32,20575
1249	3,09656,24384	34,75746	1299	3,11360,91511	33,42012	1349	3,13001,19497	32,18188
1250	3,09691,00130	34,72967	1300	3,11394,33523	33,39443	1350	3,13033,37685	32,15805

Chilias 2.

Chilias 2.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1351	3,13065,53490	32,13426	1401	3,14643,81353	30,98783	1451	3,16166,74124	29,92040
1352	3,13097,66916	32,11050	1402	3,14674,80136	30,96574	1452	3,16196,66164	29,89979
1353	3,13129,77966	32,08677	1403	3,14705,76710	30,94368	1453	3,16226,56143	29,87922
1354	3,13161,86643	32,06309	1404	3,14736,71078	30,92164	1454	3,16256,44065	29,85868
1355	3,13193,92952	32,03943	1405	3,14767,63242	30,89965	1455	3,16286,29933	29,83817
1356	3,13225,96895	32,01582	1406	3,14798,53207	30,87767	1456	3,16316,13750	29,81768
1357	3,13257,98477	31,99222	1407	3,14829,40974	30,85574	1457	3,16345,95518	29,79722
1358	3,13289,97699	31,96868	1408	3,14860,26548	30,83383	1458	3,16375,75240	29,77679
1359	3,13321,94567	31,94517	1409	3,14891,09931	30,81196	1459	3,16405,52919	29,75639
1360	3,13353,89084	31,92168	1410	3,14921,91127	30,79011	1460	3,16435,28558	29,73601
1361	3,13385,81252	31,89824	1411	3,14952,70138	30,76829	1461	3,16465,02159	29,71567
1362	3,13417,71076	31,87482	1412	3,14983,46967	30,74651	1462	3,16494,73726	29,69535
1363	3,13449,58558	31,85145	1413	3,15014,21618	30,72477	1463	3,16524,43261	29,67506
1364	3,13481,43703	31,82811	1414	3,15044,94095	30,70304	1464	3,16554,10767	29,65480
1365	3,13513,26514	31,80479	1415	3,15075,64399	30,68135	1465	3,16583,76247	29,63456
1366	3,13545,06993	31,78153	1416	3,15106,32534	30,65968	1466	3,16613,39703	29,61435
1367	3,13576,85146	31,75828	1417	3,15136,98502	30,63806	1467	3,16643,01138	29,59418
1368	3,13608,60974	31,73507	1418	3,15167,62308	30,61647	1468	3,16672,60556	29,57402
1369	3,13640,34481	31,71191	1419	3,15198,23955	30,59489	1469	3,16702,17958	29,55389
1370	3,13672,05672	31,68876	1420	3,15228,83444	30,57335	1470	3,16731,73347	29,53380
1371	3,13703,74548	31,66566	1421	3,15259,40779	30,55185	1471	3,16761,26727	29,51373
1372	3,13735,41114	31,64258	1422	3,15289,95964	30,53037	1472	3,16790,78100	29,49368
1373	3,13767,05372	31,61955	1423	3,15320,49001	30,50892	1473	3,16820,27468	29,47367
1374	3,13798,67327	31,59655	1424	3,15350,99893	30,48750	1474	3,16849,74835	29,45368
1375	3,13830,26982	31,57357	1425	3,15381,48643	30,46612	1475	3,16879,20203	29,43372
1376	3,13861,84339	31,55064	1426	3,15411,95255	30,44476	1476	3,16908,63575	29,41378
1377	3,13893,39403	31,52773	1427	3,15442,39731	30,42343	1477	3,16938,04953	29,39388
1378	3,13924,92176	31,50486	1428	3,15472,82074	30,40214	1478	3,16967,44341	29,37399
1379	3,13956,42662	31,48202	1429	3,15503,22288	30,38087	1479	3,16996,81740	29,35414
1380	3,13987,90864	31,45922	1430	3,15533,60375	30,35963	1480	3,17026,17154	29,33431
1381	3,14019,36786	31,43644	1431	3,15563,96338	30,33842	1481	3,17055,50585	29,31451
1382	3,14050,80430	31,41371	1432	3,15594,30180	30,31724	1482	3,17084,82036	29,29474
1383	3,14082,21801	31,39100	1433	3,15624,61904	30,29609	1483	3,17114,11510	29,27499
1384	3,14113,60901	31,36833	1434	3,15654,91513	30,27498	1484	3,17143,39009	29,25528
1385	3,14144,97734	31,34569	1435	3,15685,19011	30,25388	1485	3,17172,64537	29,23557
1386	3,14176,32303	31,32308	1436	3,15715,44399	30,23282	1486	3,17201,88094	29,21591
1387	3,14207,64611	31,30050	1437	3,15745,67681	30,21179	1487	3,17231,09685	29,19627
1388	3,14238,94661	31,27796	1438	3,15775,88860	30,19079	1488	3,17260,29312	29,17666
1389	3,14270,22457	31,25546	1439	3,15806,07939	30,16982	1489	3,17289,46978	29,15706
1390	3,14301,48003	31,23297	1440	3,15836,24921	30,14887	1490	3,17318,62684	29,13751
1391	3,14332,71300	31,21053	1441	3,15866,39808	30,12796	1491	3,17347,76435	29,11796
1392	3,14363,92353	31,18811	1442	3,15896,52604	30,10707	1492	3,17376,88231	29,09846
1393	3,14395,11164	31,16574	1443	3,15926,63311	30,08621	1493	3,17405,98077	29,07898
1394	3,14426,27738	31,14338	1444	3,15956,71932	30,06539	1494	3,17435,05975	29,05952
1395	3,14457,42076	31,12107	1445	3,15986,78471	30,04459	1495	3,17464,11927	29,04008
1396	3,14488,54183	31,09878	1446	3,16016,82930	30,02381	1496	3,17493,15935	29,02068
1397	3,14519,64061	31,07653	1447	3,16046,85311	30,00308	1497	3,17522,18003	29,00131
1398	3,14550,71714	31,05431	1448	3,16076,85619	29,98236	1498	3,17551,18134	28,98194
1399	3,14581,77145	31,03212	1449	3,16106,83855	29,96167	1499	3,17580,16328	28,96263
1400	3,14612,80357	31,00996	1450	3,16136,80022	29,94102	1500	3,17609,12591	28,94331

Chilias 2.

Chilias 2.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1501	3,17638,06922	28,92405	1551	3,19061,17978	27,99191	1601	3,20439,13319	27,11798
1502	3,17666,99327	28,90479	1552	3,19089,17169	27,97388	1602	3,20466,25117	27,10107
1503	3,17695,89806	28,88557	1553	3,19117,14557	27,95588	1603	3,20493,35224	27,08415
1504	3,17724,78363	28,86636	1554	3,19145,10145	27,93789	1604	3,20520,43639	27,06728
1505	3,17753,64999	28,84720	1555	3,19173,03934	27,91993	1605	3,20547,50367	27,05042
1506	3,17782,49719	28,82804	1556	3,19200,95927	27,90199	1606	3,20574,55409	27,03359
1507	3,17811,32523	28,80892	1557	3,19228,86126	27,88407	1607	3,20601,58768	27,01676
1508	3,17840,13415	28,78983	1558	3,19256,74533	27,86619	1608	3,20628,60444	26,99997
1509	3,17868,92398	28,77075	1559	3,19284,61152	27,84832	1609	3,20655,60441	26,98319
1510	3,17897,69473	28,75170	1560	3,19312,45984	27,83047	1610	3,20682,58760	26,96644
1511	3,17926,44643	28,73269	1561	3,19340,29031	27,81264	1611	3,20709,55404	26,94971
1512	3,17955,17912	28,71368	1562	3,19368,10295	27,79485	1612	3,20736,50375	26,93299
1513	3,17983,89280	28,69472	1563	3,19395,89780	27,77707	1613	3,20763,43674	26,91630
1514	3,18012,58752	28,67576	1564	3,19423,67487	27,75932	1614	3,20790,35304	26,89963
1515	3,18041,26328	28,65685	1565	3,19451,43419	27,74158	1615	3,20817,25267	26,88297
1516	3,18069,92013	28,63795	1566	3,19479,17577	27,72388	1616	3,20844,13564	26,86635
1517	3,18098,55808	28,61908	1567	3,19506,89965	27,70618	1617	3,20871,00199	26,84974
1518	3,18127,17716	28,60023	1568	3,19534,60583	27,68853	1618	3,20897,85173	26,83315
1519	3,18155,77739	28,58140	1569	3,19562,29436	27,67088	1619	3,20924,68488	26,81657
1520	3,18184,35879	28,56262	1570	3,19589,96524	27,65326	1620	3,20951,50145	26,80003
1521	3,18212,92141	28,54383	1571	3,19617,61850	27,63567	1621	3,20978,30148	26,78351
1522	3,18241,46524	28,52509	1572	3,19645,25417	27,61809	1622	3,21005,08499	26,76699
1523	3,18269,99033	28,50637	1573	3,19672,87226	27,60054	1623	3,21031,85198	26,75051
1524	3,18298,49670	28,48767	1574	3,19700,47280	27,58301	1624	3,21058,60249	26,73404
1525	3,18326,98437	28,46899	1575	3,19728,05581	27,56551	1625	3,21085,33653	26,71760
1526	3,18355,45336	28,45035	1576	3,19755,62132	27,54801	1626	3,21112,05413	26,70116
1527	3,18383,90371	28,43171	1577	3,19783,16933	27,53056	1627	3,21138,75529	26,68477
1528	3,18412,33542	28,41312	1578	3,19810,69989	27,51311	1628	3,21165,44006	26,66837
1529	3,18440,74854	28,39454	1579	3,19838,21300	27,49570	1629	3,21192,10843	26,65201
1530	3,18469,14308	28,37599	1580	3,19865,70870	27,47829	1630	3,21218,76044	26,63566
1531	3,18497,51907	28,35746	1581	3,19893,18699	27,46093	1631	3,21245,39610	26,61934
1532	3,18525,87653	28,33896	1582	3,19920,64792	27,44357	1632	3,21272,01544	26,60303
1533	3,18554,21549	28,32047	1583	3,19948,09149	27,42624	1633	3,21298,61847	26,58675
1534	3,18582,53596	28,30202	1584	3,19975,51773	27,40893	1634	3,21325,20522	26,57048
1535	3,18610,83798	28,28359	1585	3,20002,92666	27,39164	1635	3,21351,77570	26,55423
1536	3,18639,12157	28,26518	1586	3,20030,31830	27,37438	1636	3,21378,32993	26,53801
1537	3,18667,38675	28,24680	1587	3,20057,69268	27,35713	1637	3,21404,86794	26,52180
1538	3,18695,63355	28,22843	1588	3,20085,04981	27,33991	1638	3,21431,38974	26,50562
1539	3,18723,86198	28,21010	1589	3,20112,38972	27,32271	1639	3,21457,89536	26,48944
1540	3,18752,07208	28,19179	1590	3,20139,71243	27,30553	1640	3,21484,38480	26,47331
1541	3,18780,26387	28,17350	1591	3,20167,01796	27,28838	1641	3,21510,85811	26,45717
1542	3,18808,43737	28,15524	1592	3,20194,30634	27,27124	1642	3,21537,31528	26,44106
1543	3,18836,59261	28,13699	1593	3,20221,57758	27,25413	1643	3,21563,75634	26,42498
1544	3,18864,72960	28,11878	1594	3,20248,83171	27,23703	1644	3,21590,18132	26,40891
1545	3,18892,84838	28,10058	1595	3,20276,06874	27,21996	1645	3,21616,59023	26,39286
1546	3,18920,94896	28,08241	1596	3,20303,28870	27,20291	1646	3,21642,98309	26,37683
1547	3,18949,03137	28,06426	1597	3,20330,49161	27,18589	1647	3,21669,35992	26,36082
1548	3,18977,09563	28,04615	1598	3,20357,67750	27,16887	1648	3,21695,72074	26,34482
1549	3,19005,14178	28,02804	1599	3,20384,84637	27,15190	1649	3,21722,06556	26,32886
1550	3,19033,16982	28,00996	1600	3,20411,99827	27,13492	1650	3,21748,39442	26,31291

Chilias 2.

Chilias 2.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1651	3,21774,70733	26,29697	1701	3,23070,43136	25,52421	1751	3,24328,61461	24,79557
1652	3,21801,00430	26,28106	1702	3,23095,95557	25,50923	1752	3,24353,41018	24,78143
1653	3,21827,28536	26,26516	1703	3,23121,46480	25,49424	1753	3,24378,19161	24,76729
1654	3,21853,55052	26,24929	1704	3,23146,95904	25,47929	1754	3,24402,95890	24,75318
1655	3,21879,79981	26,23343	1705	3,23172,43833	25,46435	1755	3,24427,71208	24,73908
1656	3,21906,03324	26,21760	1706	3,23197,90268	25,44943	1756	3,24452,45116	24,72499
1657	3,21932,25084	26,20178	1707	3,23223,35211	25,43453	1757	3,24477,17615	24,71092
1658	3,21958,45262	26,18598	1708	3,23248,78664	25,41963	1758	3,24501,88707	24,69688
1659	3,21984,63860	26,17020	1709	3,23274,20627	25,40477	1759	3,24526,58395	24,68283
1660	3,22010,80880	26,15445	1710	3,23299,61104	25,38991	1760	3,24551,26678	24,66882
1661	3,22036,96325	26,13869	1711	3,23325,00095	25,37508	1761	3,24575,93560	24,65481
1662	3,22063,10194	26,12298	1712	3,23350,37603	25,36027	1762	3,24600,59041	24,64082
1663	3,22089,22492	26,10728	1713	3,23375,73630	25,34546	1763	3,24625,23123	24,62685
1664	3,22115,33220	26,09158	1714	3,23401,08176	25,33068	1764	3,24649,85808	24,61289
1665	3,22141,42378	26,07593	1715	3,23426,41244	25,31591	1765	3,24674,47097	24,59895
1666	3,22167,49971	26,06027	1716	3,23451,72835	25,30117	1766	3,24699,06992	24,58503
1667	3,22193,55998	26,04465	1717	3,23477,02952	25,28643	1767	3,24723,65495	24,57112
1668	3,22219,60463	26,02904	1718	3,23502,31595	25,27172	1768	3,24748,22607	24,55722
1669	3,22245,63367	26,01344	1719	3,23527,58767	25,25702	1769	3,24772,78329	24,54335
1670	3,22271,64711	25,99788	1720	3,23552,84469	25,24234	1770	3,24797,32664	24,52948
1671	3,22297,64499	25,98232	1721	3,23578,08703	25,22768	1771	3,24821,85612	24,51564
1672	3,22323,62731	25,96679	1722	3,23603,31471	25,21303	1772	3,24846,37176	24,50180
1673	3,22349,59410	25,95127	1723	3,23628,52774	25,19841	1773	3,24870,87356	24,48799
1674	3,22375,54537	25,93577	1724	3,23653,72615	25,18379	1774	3,24895,36155	24,47419
1675	3,22401,48114	25,92029	1725	3,23678,90994	25,16920	1775	3,24919,83574	24,46040
1676	3,22427,40143	25,90483	1726	3,23704,07914	25,15462	1776	3,24944,29614	24,44664
1677	3,22453,30626	25,88939	1727	3,23729,23376	25,14005	1777	3,24968,74278	24,43288
1678	3,22479,19565	25,87396	1728	3,23754,37381	25,12552	1778	3,24993,17566	24,41915
1679	3,22505,06961	25,85856	1729	3,23779,49933	25,11098	1779	3,25017,59481	24,40542
1680	3,22530,92817	25,84317	1730	3,23804,61031	25,09648	1780	3,25042,00023	24,39172
1681	3,22556,77134	25,82781	1731	3,23829,70679	25,08198	1781	3,25066,39195	24,37802
1682	3,22582,59915	25,81245	1732	3,23854,78877	25,06750	1782	3,25090,76997	24,36435
1683	3,22608,41160	25,79712	1733	3,23879,85627	25,05304	1783	3,25115,13432	24,35068
1684	3,22634,20872	25,78180	1734	3,23904,90931	25,03860	1784	3,25139,48500	24,33704
1685	3,22659,99052	25,76651	1735	3,23929,94791	25,02417	1785	3,25163,82204	24,32342
1686	3,22685,75703	25,75123	1736	3,23954,97208	25,00976	1786	3,25188,14546	24,30979
1687	3,22711,50826	25,73597	1737	3,23979,98184	24,99537	1787	3,25212,45525	24,29620
1688	3,22737,24423	25,72073	1738	3,24004,97721	24,98099	1788	3,25236,75145	24,28261
1689	3,22762,96496	25,70550	1739	3,24029,95820	24,96663	1789	3,25261,03406	24,26904
1690	3,22788,67046	25,69030	1740	3,24054,92483	24,95228	1790	3,25285,30310	24,25548
1691	3,22814,36076	25,67511	1741	3,24079,87711	24,93796	1791	3,25309,55858	24,24195
1692	3,22840,03587	25,65994	1742	3,24104,81507	24,92364	1792	3,25333,80053	24,22843
1693	3,22865,69581	25,64479	1743	3,24129,73871	24,90935	1793	3,25358,02896	24,21491
1694	3,22891,34060	25,62965	1744	3,24154,64806	24,89507	1794	3,25382,24387	24,20142
1695	3,22916,97025	25,61454	1745	3,24179,54313	24,88081	1795	3,25406,44529	24,18794
1696	3,22942,58479	25,59944	1746	3,24204,42394	24,86656	1796	3,25430,63323	24,17448
1697	3,22968,18423	25,58436	1747	3,24229,29050	24,85233	1797	3,25454,80771	24,16103
1698	3,22993,76859	25,56930	1748	3,24254,14283	24,83812	1798	3,25478,96874	24,14759
1699	3,23019,33789	25,55425	1749	3,24278,98095	24,82392	1799	3,25503,11633	24,13418
1700	3,23044,89214	25,53922	1750	3,24303,80487	24,80974	1800	3,25527,25051	24,12077

Chilias 2.

Chilias 2.

Chilias 2.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1801	3,25551,37128		1851	3,26740,64188		1901	3,27898,21169	
1802	3,25575,47866	24,10738	1852	3,26764,09823	23,45635	1902	3,27921,05126	22,83957
1803	3,25599,57267	24,09401	1853	3,26787,54193	23,44370	1903	3,27943,87883	22,82757
1804	3,25623,65332	24,08065	1854	3,26810,97298	23,43105	1904	3,27966,69440	22,81557
1805	3,25647,72062	24,06730	1855	3,26834,39140	23,41842	1905	3,27989,49800	22,80360
1806	3,25671,77460	24,05398	1856	3,26857,79719	23,40579	1906	3,28012,28963	22,79163
1807	3,25695,81526	24,04066	1857	3,26881,19037	23,39318	1907	3,28035,06930	22,77967
1808	3,25719,84261	24,02735	1858	3,26904,57097	23,38060	1908	3,28057,83704	22,76774
1809	3,25743,85669	24,01408	1859	3,26927,93898	23,36801	1909	3,28080,59284	22,75580
1810	3,25767,85749	24,00080	1860	3,26951,29442	23,35544	1910	3,28103,33672	22,74388
1811	3,25791,84503	23,98754	1861	3,26974,63731	23,34289	1911	3,28126,06871	22,73199
1812	3,25815,81933	23,97430	1862	3,26997,96766	23,33035	1912	3,28148,78879	22,72008
1813	3,25839,78041	23,96108	1863	3,27021,28549	23,31783	1913	3,28171,49700	22,70821
1814	3,25863,72827	23,94786	1864	3,27044,59080	23,30531	1914	3,28194,19334	22,69634
1815	3,25887,66294	23,93467	1865	3,27067,88361	23,29281	1915	3,28216,87783	22,68449
1816	3,25911,58442	23,92148	1866	3,27091,16394	23,28033	1916	3,28239,55047	22,67264
1817	3,25935,49273	23,90831	1867	3,27114,43179	23,26785	1917	3,28262,21129	22,66082
1818	3,25959,38789	23,89516	1868	3,27137,68719	23,25540	1918	3,28284,86028	22,64899
1819	3,25983,26991	23,88202	1869	3,27160,93014	23,24295	1919	3,28307,49747	22,63719
1820	3,26007,13880	23,86889	1870	3,27184,16065	23,23051	1920	3,28330,12287	22,62540
1821	3,26030,99458	23,85578	1871	3,27207,37875	23,21810	1921	3,28352,73649	22,61362
1822	3,26054,83726	23,84268	1872	3,27230,58444	23,20569	1922	3,28375,33833	22,60184
1823	3,26078,66687	23,82961	1873	3,27253,77774	23,19330	1923	3,28397,92842	22,59009
1824	3,26102,48340	23,81653	1874	3,27276,95866	23,18092	1924	3,28420,50677	22,57835
1825	3,26126,28688	23,80348	1875	3,27300,12721	23,16855	1925	3,28443,07338	22,56661
1826	3,26150,07732	23,79044	1876	3,27323,28340	23,15619	1926	3,28465,62828	22,55490
1827	3,26173,85474	23,77742	1877	3,27346,42726	23,14386	1927	3,28488,17147	22,54319
1828	3,26197,61914	23,76440	1878	3,27369,55879	23,13153	1928	3,28510,70296	22,53149
1829	3,26221,37055	23,75141	1879	3,27392,67801	23,11922	1929	3,28533,22276	22,51980
1830	3,26245,10897	23,73842	1880	3,27415,78493	23,10692	1930	3,28555,73090	22,50814
1831	3,26268,83443	23,72546	1881	3,27438,87956	23,09463	1931	3,28578,22738	22,49648
1832	3,26292,54693	23,71250	1882	3,27461,96191	23,08235	1932	3,28600,71221	22,48483
1833	3,26316,24650	23,69957	1883	3,27485,03200	23,07009	1933	3,28623,18540	22,47319
1834	3,26339,93313	23,68663	1884	3,27508,08985	23,05785	1934	3,28645,64697	22,46157
1835	3,26363,60686	23,67373	1885	3,27531,13545	23,04560	1935	3,28668,09694	22,44997
1836	3,26387,26769	23,66083	1886	3,27554,16884	23,03339	1936	3,28690,53530	22,43836
1837	3,26410,91563	23,64794	1887	3,27577,19002	23,02118	1937	3,28712,96207	22,42677
1838	3,26434,55071	23,63508	1888	3,27600,19900	23,00898	1938	3,28735,37727	22,41520
1839	3,26458,17292	23,62221	1889	3,27623,19579	22,99679	1939	3,28757,78091	22,40364
1840	3,26481,78230	23,60938	1890	3,27646,18042	22,98463	1940	3,28780,17299	22,39208
1841	3,26505,37885	23,59655	1891	3,27669,15288	22,97246	1941	3,28802,55354	22,38055
1842	3,26528,96259	23,58374	1892	3,27692,11321	22,96033	1942	3,28824,92256	22,36902
1843	3,26552,53352	23,57093	1893	3,27715,06140	22,94819	1943	3,28847,28006	22,35750
1844	3,26576,09167	23,55815	1894	3,27737,99747	22,93607	1944	3,28869,62606	22,34600
1845	3,26599,63705	23,54538	1895	3,27760,92143	22,92396	1945	3,28891,96057	22,33451
1846	3,26623,16967	23,53262	1896	3,27783,83330	22,91187	1946	3,28914,28359	22,32302
1847	3,26646,68954	23,51987	1897	3,27806,73309	22,89979	1947	3,28936,59515	22,31156
1848	3,26670,19669	23,50715	1898	3,27829,62081	22,88772	1948	3,28958,89525	22,30010
1849	3,26693,69112	23,49443	1899	3,27852,49647	22,87566	1949	3,28981,18391	22,28866
1850	3,26717,17284	23,48172	1900	3,27875,36010	22,86363	1950	3,29003,46114	22,27723
		23,46904			22,85159			22,26580

Chilias 2.

Chilias 3.

Chilias 3.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
1951	3,29025,72694	22,25439	2001	3,30124,70886	21,69845	2051	3,31196,56604	21,16960
1952	3,29047,98133	22,24300	2002	3,30146,40731	21,68762	2052	3,31217,73564	21,15930
1953	3,29070,22433	22,23161	2003	3,30168,09493	21,67679	2053	3,31238,89494	21,14899
1954	3,29092,45594	22,22023	2004	3,30189,77172	21,66598	2054	3,31260,04393	21,13869
1955	3,29114,67617	22,20888	2005	3,30211,43770	21,65517	2055	3,31281,18262	21,12841
1956	3,29136,88505	22,19752	2006	3,30233,09287	21,64438	2056	3,31302,31103	21,11814
1957	3,29159,08257	22,18618	2007	3,30254,73725	21,63360	2057	3,31323,42917	21,10787
1958	3,29181,26875	22,17485	2008	3,30276,37085	21,62282	2058	3,31344,53704	21,09762
1959	3,29203,44360	22,16354	2009	3,30297,99367	21,61207	2059	3,31365,63466	21,08738
1960	3,29225,60714	22,15223	2010	3,30319,60574	21,60132	2060	3,31386,72204	21,07714
1961	3,29247,75937	22,14093	2011	3,30341,20706	21,59058	2061	3,31407,79918	21,06691
1962	3,29269,90030	22,12966	2012	3,30362,79764	21,57985	2062	3,31428,86609	21,05671
1963	3,29292,02996	22,11839	2013	3,30384,37749	21,56913	2063	3,31449,92280	21,04650
1964	3,29314,14835	22,10712	2014	3,30405,94662	21,55843	2064	3,31470,96930	21,03630
1965	3,29336,25547	22,09588	2015	3,30427,50505	21,54773	2065	3,31492,00560	21,02612
1966	3,29358,35135	22,08464	2016	3,30449,05278	21,53704	2066	3,31513,03172	21,01594
1967	3,29380,43599	22,07342	2017	3,30470,58982	21,52637	2067	3,31534,04766	21,00578
1968	3,29402,50941	22,06220	2018	3,30492,11619	21,51570	2068	3,31555,05344	20,99563
1969	3,29424,57161	22,05101	2019	3,30513,63189	21,50505	2069	3,31576,04907	20,98548
1970	3,29446,62262	22,03981	2020	3,30535,13694	21,49441	2070	3,31597,03455	20,97534
1971	3,29468,66243	22,02863	2021	3,30556,63135	21,48378	2071	3,31618,00989	20,96522
1972	3,29490,69106	22,01747	2022	3,30578,11513	21,47315	2072	3,31638,97511	20,95510
1973	3,29512,70853	22,00630	2023	3,30599,58828	21,46254	2073	3,31659,93021	20,94500
1974	3,29534,71483	21,99517	2024	3,30621,05082	21,45194	2074	3,31680,87521	20,93489
1975	3,29556,71000	21,98403	2025	3,30642,50276	21,44134	2075	3,31701,81010	20,92482
1976	3,29578,69403	21,97290	2026	3,30663,94410	21,43077	2076	3,31722,73492	20,91473
1977	3,29600,66693	21,96180	2027	3,30685,37487	21,42020	2077	3,31743,64965	20,90467
1978	3,29622,62873	21,95069	2028	3,30706,79507	21,40963	2078	3,31764,55432	20,89461
1979	3,29644,57942	21,93961	2029	3,30728,20470	21,39909	2079	3,31785,44893	20,88457
1980	3,29666,51903	21,92852	2030	3,30749,60379	21,38855	2080	3,31806,33350	20,87452
1981	3,29688,44755	21,91746	2031	3,30770,99234	21,37802	2081	3,31827,20802	20,86450
1982	3,29710,36501	21,90641	2032	3,30792,37036	21,36750	2082	3,31848,07252	20,85447
1983	3,29732,27142	21,89536	2033	3,30813,73786	21,35700	2083	3,31868,92699	20,84447
1984	3,29754,16678	21,88433	2034	3,30835,09486	21,34650	2084	3,31889,77146	20,83447
1985	3,29776,05111	21,87331	2035	3,30856,44136	21,33601	2085	3,31910,60593	20,82448
1986	3,29797,92442	21,86229	2036	3,30877,77737	21,32553	2086	3,31931,43041	20,81450
1987	3,29819,78671	21,85130	2037	3,30899,10290	21,31507	2087	3,31952,24491	20,80452
1988	3,29841,63801	21,84030	2038	3,30920,41797	21,30461	2088	3,31973,04943	20,79457
1989	3,29863,47831	21,82933	2039	3,30941,72258	21,29416	2089	3,31993,84400	20,78461
1990	3,29885,30764	21,81836	2040	3,30963,01674	21,28373	2090	3,32014,62861	20,77467
1991	3,29907,12600	21,80741	2041	3,30984,30047	21,27331	2091	3,32035,40328	20,76474
1992	3,29928,93341	21,79646	2042	3,31005,57378	21,26288	2092	3,32056,16802	20,75481
1993	3,29950,72987	21,78553	2043	3,31026,83666	21,25249	2093	3,32076,92283	20,74490
1994	3,29972,51540	21,77460	2044	3,31048,08915	21,24208	2094	3,32097,66773	20,73500
1995	3,29994,29000	21,76370	2045	3,31069,33123	21,23171	2095	3,32118,40273	20,72510
1996	3,30016,05370	21,75279	2046	3,31090,56294	21,22133	2096	3,32139,12783	20,71522
1997	3,30037,80649	21,74190	2047	3,31111,78427	21,21096	2097	3,32159,84305	20,70534
1998	3,30059,54839	21,73102	2048	3,31132,99523	21,20061	2098	3,32180,54839	20,69547
1999	3,30081,27941	21,72016	2049	3,31154,19584	21,19027	2099	3,32201,24386	20,68561
2000	3,30102,99957	21,70929	2050	3,31175,38611	21,17993	2100	3,32221,92947	20,67577

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2101	3,32242,60524	20,66593	2151	3,33264,04104	20,18566	2201	3,34262,00426	19,72720
2102	3,32263,27117	20,65610	2152	3,33284,22670	20,17628	2202	3,34281,73146	19,71826
2103	3,32283,92727	20,64628	2153	3,33304,40298	20,16692	2203	3,34301,44972	19,70930
2104	3,32304,57355	20,63647	2154	3,33324,56990	20,15755	2204	3,34321,15902	19,70036
2105	3,32325,21002	20,62666	2155	3,33344,72745	20,14820	2205	3,34340,85938	19,69143
2106	3,32345,83668	20,61688	2156	3,33364,87565	20,13886	2206	3,34360,55081	19,68251
2107	3,32366,45356	20,60709	2157	3,33385,01451	20,12952	2207	3,34380,23332	19,67359
2108	3,32387,06065	20,59732	2158	3,33405,14403	20,12020	2208	3,34399,90691	19,66468
2109	3,32407,65797	20,58756	2159	3,33425,26423	20,11089	2209	3,34419,57159	19,65578
2110	3,32428,24553	20,57780	2160	3,33445,37512	20,10157	2210	3,34439,22737	19,64689
2111	3,32448,82333	20,56806	2161	3,33465,47669	20,09227	2211	3,34458,87426	19,63800
2112	3,32469,39139	20,55832	2162	3,33485,56896	20,08298	2212	3,34478,51226	19,62913
2113	3,32489,94971	20,54859	2163	3,33505,65194	20,07370	2213	3,34498,14139	19,62026
2114	3,32510,49830	20,53887	2164	3,33525,72564	20,06443	2214	3,34517,76165	19,61141
2115	3,32531,03717	20,52917	2165	3,33545,79007	20,05516	2215	3,34537,37306	19,60255
2116	3,32551,56634	20,51946	2166	3,33565,84523	20,04590	2216	3,34556,97561	19,59370
2117	3,32572,08580	20,50978	2167	3,33585,89113	20,03666	2217	3,34576,56931	19,58487
2118	3,32592,59558	20,50009	2168	3,33605,92779	20,02741	2218	3,34596,15418	19,57604
2119	3,32613,09567	20,49042	2169	3,33625,95520	20,01818	2219	3,34615,73022	19,56723
2120	3,32633,58609	20,48076	2170	3,33645,97338	20,00897	2220	3,34635,29745	19,55840
2121	3,32654,06685	20,47111	2171	3,33665,98235	19,99974	2221	3,34654,85585	19,54961
2122	3,32674,53796	20,46146	2172	3,33685,98209	19,99054	2222	3,34674,40546	19,54081
2123	3,32694,99942	20,45182	2173	3,33705,97263	19,98135	2223	3,34693,94627	19,53202
2124	3,32715,45124	20,44220	2174	3,33725,95398	19,97215	2224	3,34713,47829	19,52324
2125	3,32735,89344	20,43258	2175	3,33745,92613	19,96297	2225	3,34733,00153	19,51447
2126	3,32756,32602	20,42297	2176	3,33765,88910	19,95380	2226	3,34752,51600	19,50570
2127	3,32776,74899	20,41337	2177	3,33785,84290	19,94464	2227	3,34772,02170	19,49695
2128	3,32797,16236	20,40378	2178	3,33805,78754	19,93548	2228	3,34791,51865	19,48820
2129	3,32817,56614	20,39420	2179	3,33825,72302	19,92634	2229	3,34811,00685	19,47945
2130	3,32837,96034	20,38463	2180	3,33845,64936	19,91720	2230	3,34830,48630	19,47073
2131	3,32858,34497	20,37507	2181	3,33865,56656	19,90807	2231	3,34849,95703	19,46200
2132	3,32878,32004	20,36550	2182	3,33885,47463	19,89894	2232	3,34869,41903	19,45328
2133	3,32899,08554	20,35597	2183	3,33905,37357	19,88983	2233	3,34888,87231	19,44457
2134	3,32919,44151	20,34643	2184	3,33925,26340	19,88073	2234	3,34908,31688	19,43587
2135	3,32939,78794	20,33690	2185	3,33945,14413	19,87163	2235	3,34927,75275	19,42717
2136	3,32960,12484	20,32738	2186	3,33965,01576	19,86254	2236	3,34947,17992	19,41849
2137	3,32980,45222	20,31787	2187	3,33984,87830	19,85347	2237	3,34966,59841	19,40981
2138	3,33000,77009	20,30837	2188	3,34004,73177	19,84439	2238	3,34986,00822	19,40114
2139	3,33021,07846	20,29887	2189	3,34024,57616	19,83532	2239	3,35005,40936	19,39247
2140	3,33041,37733	20,28940	2190	3,34044,41148	19,82628	2240	3,35024,80183	19,38382
2141	3,33061,66673	20,27992	2191	3,34064,23776	19,81722	2241	3,35044,18565	19,37518
2142	3,33081,94665	20,27045	2192	3,34084,05498	19,80819	2242	3,35063,56083	19,36653
2143	3,33102,21710	20,26100	2193	3,34103,86317	19,79915	2243	3,35082,92736	19,35790
2144	3,33122,47810	20,25155	2194	3,34123,66232	19,79014	2244	3,35102,28526	19,34927
2145	3,33142,72965	20,24211	2195	3,34143,45246	19,78112	2245	3,35121,63453	19,34066
2146	3,33162,97176	20,23268	2196	3,34163,23358	19,77211	2246	3,35140,97519	19,33205
2147	3,33183,20444	20,22326	2197	3,34183,00569	19,76312	2247	3,35160,30724	19,32345
2148	3,33203,42770	20,21385	2198	3,34202,76881	19,75413	2248	3,35179,63069	19,31485
2149	3,33223,64155	20,20444	2199	3,34222,52294	19,74514	2249	3,35198,94554	19,30627
2150	3,33243,84599	20,19505	2200	3,34242,26808	19,73618	2250	3,35218,25181	19,29769

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2251	3,35237,54950	19,28912	2301	3,36191,66187	18,87006	2351	3,37125,26291	18,46883
2252	3,35256,83862	19,28055	2302	3,36210,53193	18,86187	2352	3,37143,73174	18,46098
2253	3,35276,11917	19,27200	2303	3,36229,39380	18,85368	2353	3,37162,19272	18,45313
2254	3,35295,39117	19,26345	2304	3,36248,24748	18,84549	2354	3,37180,64585	18,44530
2255	3,35314,65462	19,25491	2305	3,36267,09297	18,83733	2355	3,37199,09115	18,43746
2256	3,35333,90953	19,24638	2306	3,36285,93030	18,82915	2356	3,37217,52861	18,42964
2257	3,35353,15591	19,23785	2307	3,36304,75945	18,82100	2357	3,37235,95825	18,42183
2258	3,35372,39376	19,22933	2308	3,36323,58045	18,81284	2358	3,37254,38008	18,41401
2259	3,35391,62309	19,22082	2309	3,36342,39329	18,80470	2359	3,37272,79409	18,40621
2260	3,35410,84391	19,21232	2310	3,36361,19799	18,79656	2360	3,37291,20030	18,39841
2261	3,35430,05623	19,20383	2311	3,36379,99455	18,78842	2361	3,37309,59871	18,39062
2262	3,35449,26006	19,19534	2312	3,36398,78297	18,78031	2362	3,37327,98933	18,38283
2263	3,35468,45540	19,18685	2313	3,36417,56328	18,77218	2363	3,37346,37216	18,37506
2264	3,35487,64225	19,17838	2314	3,36436,33546	18,76408	2364	3,37364,74722	18,36729
2265	3,35506,82063	19,16992	2315	3,36455,09954	18,75597	2365	3,37383,11451	18,35952
2266	3,35525,99055	19,16146	2316	3,36473,85551	18,74787	2366	3,37401,47403	18,35176
2267	3,35545,15201	19,15301	2317	3,36492,60338	18,73978	2367	3,37419,82579	18,34402
2268	3,35564,30502	19,14457	2318	3,36511,34316	18,73170	2368	3,37438,16981	18,33626
2269	3,35583,44959	19,13613	2319	3,36530,07486	18,72363	2369	3,37456,50607	18,32853
2270	3,35602,58572	19,12770	2320	3,36548,79849	18,71556	2370	3,37474,83460	18,32080
2271	3,35621,71342	19,11928	2321	3,36567,51405	18,70749	2371	3,37493,15540	18,31307
2272	3,35640,83270	19,11087	2322	3,36586,22154	18,69944	2372	3,37511,46847	18,30535
2273	3,35659,94357	19,10247	2323	3,36604,92098	18,69139	2373	3,37529,77382	18,29764
2274	3,35679,04604	19,09406	2324	3,36623,61237	18,68335	2374	3,37548,07146	18,28994
2275	3,35698,14010	19,08567	2325	3,36642,29572	18,67532	2375	3,37566,36140	18,28223
2276	3,35717,22577	19,07729	2326	3,36660,97104	18,66729	2376	3,37584,64363	18,27454
2277	3,35736,30306	19,06891	2327	3,36679,63833	18,65927	2377	3,37602,91817	18,26686
2278	3,35755,37197	19,06055	2328	3,36698,29760	18,65125	2378	3,37621,18503	18,25917
2279	3,35774,43252	19,05218	2329	3,36716,94885	18,64325	2379	3,37639,44420	18,25151
2280	3,35793,48470	19,04383	2330	3,36735,59210	18,63525	2380	3,37657,69571	18,24383
2281	3,35812,52853	19,03548	2331	3,36754,22735	18,62726	2381	3,37675,93954	18,23617
2282	3,35831,56401	19,02714	2332	3,36772,85461	18,61927	2382	3,37694,17571	18,22852
2283	3,35850,59115	19,01881	2333	3,36791,47388	18,61129	2383	3,37712,40423	18,22088
2284	3,35869,60996	19,01048	2334	3,36810,08517	18,60332	2384	3,37730,62511	18,21323
2285	3,35888,62044	19,00217	2335	3,36828,68849	18,59535	2385	3,37748,83834	18,20559
2286	3,35907,62261	18,99385	2336	3,36847,28384	18,58740	2386	3,37767,04393	18,19797
2287	3,35926,61646	18,98555	2337	3,36865,87124	18,57944	2387	3,37785,24190	18,19035
2288	3,35945,60201	18,97726	2338	3,36884,45068	18,57150	2388	3,37803,43225	18,18272
2289	3,35964,57927	18,96896	2339	3,36903,02218	18,56356	2389	3,37821,61497	18,17512
2290	3,35983,54823	18,96069	2340	3,36921,58574	18,55563	2390	3,37839,79009	18,16752
2291	3,36002,50892	18,95241	2341	3,36940,14137	18,54770	2391	3,37857,95761	18,15992
2292	3,36021,46133	18,94414	2342	3,36958,68907	18,53979	2392	3,37876,11753	18,15233
2293	3,36040,40547	18,93589	2343	3,36977,22886	18,53187	2393	3,37894,26986	18,14475
2294	3,36059,34136	18,92763	2344	3,36995,76073	18,52398	2394	3,37912,41461	18,13717
2295	3,36078,26899	18,91938	2345	3,37014,28471	18,51607	2395	3,37930,55178	18,12959
2296	3,36097,18837	18,91115	2346	3,37032,80078	18,50818	2396	3,37948,68137	18,12203
2297	3,36116,09952	18,90292	2347	3,37051,30896	18,50030	2397	3,37966,80340	18,11448
2298	3,36135,00244	18,89469	2348	3,37069,80926	18,49242	2398	3,37984,91788	18,10692
2299	3,36153,89713	18,88647	2349	3,37088,30168	18,48455	2399	3,38003,02480	18,09937
2300	3,36172,78360	18,87827	2350	3,37106,78623	18,47668	2400	3,38021,12417	18,09184

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2401	3,38039,21601	18,08430	2451	3,38934,33113	17,71545	2501	3,39811,36917	17,36137
2402	3,38057,30031	18,07677	2452	3,38952,04658	17,70824	2502	3,39828,73054	17,35442
2403	3,38075,37708	18,06925	2453	3,38969,75482	17,70102	2503	3,39846,08496	17,34749
2404	3,38093,44633	18,06174	2454	3,38987,45584	17,69381	2504	3,39863,43245	17,34057
2405	3,38111,50807	18,05423	2455	3,39005,14965	17,68660	2505	3,39880,77302	17,33365
2406	3,38129,56230	18,04673	2456	3,39022,83625	17,67940	2506	3,39898,10667	17,32673
2407	3,38147,60903	18,03923	2457	3,39040,51565	17,67221	2507	3,39915,43340	17,31982
2408	3,38165,64826	18,03174	2458	3,39058,18786	17,66501	2508	3,39932,75322	17,31291
2409	3,38183,68000	18,02426	2459	3,39075,85287	17,65784	2509	3,39950,06613	17,30602
2410	3,38201,70426	18,01678	2460	3,39093,51071	17,65066	2510	3,39967,37215	17,29912
2411	3,38219,72104	18,00931	2461	3,39111,16137	17,64349	2511	3,39984,67127	17,29224
2412	3,38237,73035	18,00184	2462	3,39128,80486	17,63632	2512	3,40001,96351	17,28535
2413	3,38255,73219	17,99439	2463	3,39146,44118	17,62917	2513	3,40019,24886	17,27847
2414	3,38273,72658	17,98693	2464	3,39164,07035	17,62201	2514	3,40036,52733	17,27161
2415	3,38291,71351	17,97948	2465	3,39181,69236	17,61487	2515	3,40053,79894	17,26474
2416	3,38309,69299	17,97205	2466	3,39199,30723	17,60772	2516	3,40071,06368	17,25787
2417	3,38327,66504	17,96461	2467	3,39216,91495	17,60059	2517	3,40088,32155	17,25103
2418	3,38345,62965	17,95719	2468	3,39234,51554	17,59345	2518	3,40105,57258	17,24417
2419	3,38363,58684	17,94976	2469	3,39252,10899	17,58634	2519	3,40122,81675	17,23733
2420	3,38381,53660	17,94234	2470	3,39269,69533	17,57921	2520	3,40140,05408	17,23049
2421	3,38399,47894	17,93494	2471	3,39287,27454	17,57210	2521	3,40157,28457	17,22365
2422	3,38417,41388	17,92753	2472	3,39304,84664	17,56500	2522	3,40174,50822	17,21683
2423	3,38435,34141	17,92014	2473	3,39322,41164	17,55789	2523	3,40191,72505	17,21001
2424	3,38453,26155	17,91274	2474	3,39339,96953	17,55080	2524	3,40208,93506	17,20319
2425	3,38471,17429	17,90536	2475	3,39357,52033	17,54370	2525	3,40226,13825	17,19637
2426	3,38489,07965	17,89798	2476	3,39375,06403	17,53663	2526	3,40243,33462	17,18957
2427	3,38506,97763	17,89061	2477	3,39392,60066	17,52954	2527	3,40260,52419	17,18277
2428	3,38524,86824	17,88324	2478	3,39410,13020	17,52248	2528	3,40277,70696	17,17597
2429	3,38542,75148	17,87588	2479	3,39427,65268	17,51540	2529	3,40294,88293	17,16919
2430	3,38560,62736	17,86852	2480	3,39445,16808	17,50835	2530	3,40312,05212	17,16240
2431	3,38578,49588	17,86118	2481	3,39462,67643	17,50129	2531	3,40329,21452	17,15561
2432	3,38596,35706	17,85383	2482	3,39480,17772	17,49424	2532	3,40346,37013	17,14885
2433	3,38614,21089	17,84650	2483	3,39497,67196	17,48719	2533	3,40363,51898	17,14207
2434	3,38632,05739	17,83917	2484	3,39515,15915	17,48016	2534	3,40380,66105	17,13532
2435	3,38649,89656	17,83184	2485	3,39532,63931	17,47312	2535	3,40397,79637	17,12855
2436	3,38667,72840	17,82452	2486	3,39550,11243	17,46610	2536	3,40414,92492	17,12180
2437	3,38685,55292	17,81721	2487	3,39567,57853	17,45907	2537	3,40432,04672	17,11506
2438	3,38703,37013	17,80990	2488	3,39585,03760	17,45206	2538	3,40449,16178	17,10831
2439	3,38721,18003	17,80260	2489	3,39602,48966	17,44505	2539	3,40466,27009	17,10157
2440	3,38738,98263	17,79531	2490	3,39619,93471	17,43804	2540	3,40483,37166	17,09485
2441	3,38756,77794	17,78802	2491	3,39637,37275	17,43105	2541	3,40500,46651	17,08811
2442	3,38774,56596	17,78074	2492	3,39654,80380	17,42405	2542	3,40517,55462	17,08140
2443	3,38792,34670	17,77346	2493	3,39672,22785	17,41706	2543	3,40534,63602	17,07468
2444	3,38810,12016	17,76619	2494	3,39689,64491	17,41009	2544	3,40551,71070	17,06797
2445	3,38827,88635	17,75892	2495	3,39707,05500	17,40310	2545	3,40568,77867	17,06126
2446	3,38845,64527	17,75167	2496	3,39724,45810	17,39614	2546	3,40585,83993	17,05457
2447	3,38863,39694	17,74441	2497	3,39741,85424	17,38916	2547	3,40602,89450	17,04787
2448	3,38881,14135	17,73716	2498	3,39759,24340	17,38221	2548	3,40619,94237	17,04118
2449	3,38898,87851	17,72993	2499	3,39776,62561	17,37526	2549	3,40636,98355	17,03449
2450	3,38916,60844	17,72269	2500	3,39794,00087	17,36830	2550	3,40654,01804	17,02782

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Chilias 3.

Chilias 3.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2551	3,40671,04586	17,02114	2601	3,41514,03522	16,69400	2651	3,42340,97277	16,37920
2552	3,40688,06700	17,01448	2602	3,41530,72922	16,68759	2652	3,42357,35197	16,37303
2553	3,40705,08148	17,00781	2603	3,41547,41681	16,68118	2653	3,42373,72500	16,36685
2554	3,40722,08929	17,00116	2604	3,41564,09799	16,67477	2654	3,42390,09185	16,36069
2555	3,40739,09045	16,99450	2605	3,41580,77276	16,66838	2655	3,42406,45254	16,35453
2556	3,40756,08495	16,98785	2606	3,41597,44114	16,66198	2656	3,42422,80707	16,34837
2557	3,40773,07280	16,98121	2607	3,41614,10312	16,65559	2657	3,42439,15544	16,34222
2558	3,40790,05401	16,97458	2608	3,41630,75871	16,64920	2658	3,42455,49766	16,33607
2559	3,40807,02859	16,96794	2609	3,41647,40791	16,64282	2659	3,42471,83373	16,32993
2560	3,40823,99653	16,96132	2610	3,41664,05073	16,63645	2660	3,42488,16366	16,32380
2561	3,40840,95785	16,95469	2611	3,41680,68718	16,63008	2661	3,42504,48746	16,31765
2562	3,40857,91254	16,94808	2612	3,41697,31726	16,62371	2662	3,42520,80511	16,31153
2563	3,40874,86062	16,94146	2613	3,41713,94097	16,61735	2663	3,42537,11664	16,30541
2564	3,40891,80208	16,93486	2614	3,41730,55832	16,61100	2664	3,42553,42205	16,29929
2565	3,40908,73694	16,92826	2615	3,41747,16932	16,60465	2665	3,42569,72134	16,29317
2566	3,40925,66520	16,92167	2616	3,41763,77397	16,59829	2666	3,42586,01451	16,28706
2567	3,40942,58687	16,91507	2617	3,41780,37226	16,59196	2667	3,42602,30157	16,28095
2568	3,40959,50194	16,90849	2618	3,41796,96422	16,58562	2668	3,42618,58252	16,27486
2569	3,40976,41043	16,90190	2619	3,41813,54984	16,57929	2669	3,42634,85738	16,26876
2570	3,40993,31233	16,89533	2620	3,41830,12913	16,57296	2670	3,42651,12614	16,26266
2571	3,41010,20766	16,88877	2621	3,41846,70209	16,56665	2671	3,42667,38880	16,25658
2572	3,41027,09643	16,88219	2622	3,41863,26874	16,56032	2672	3,42683,64538	16,25050
2573	3,41043,97862	16,87564	2623	3,41879,82906	16,55401	2673	3,42699,89588	16,24441
2574	3,41060,85426	16,86908	2624	3,41896,38307	16,54770	2674	3,42716,14029	16,23835
2575	3,41077,72334	16,86253	2625	3,41912,93077	16,54141	2675	3,42732,37864	16,23227
2576	3,41094,58587	16,85599	2626	3,41929,47218	16,53510	2676	3,42748,61091	16,22621
2577	3,41111,44186	16,84944	2627	3,41946,00728	16,52881	2677	3,42764,83712	16,22015
2578	3,41128,29130	16,84291	2628	3,41962,53609	16,52252	2678	3,42781,05727	16,21409
2579	3,41145,13421	16,83639	2629	3,41979,05861	16,51624	2679	3,42797,27136	16,20804
2580	3,41161,97060	16,82985	2630	3,41995,57485	16,50996	2680	3,42813,47940	16,20200
2581	3,41178,80045	16,82334	2631	3,42012,08481	16,50368	2681	3,42829,68140	16,19595
2582	3,41195,62379	16,81683	2632	3,42028,58849	16,49742	2682	3,42845,87735	16,18992
2583	3,41212,44062	16,81031	2633	3,42045,08591	16,49115	2683	3,42862,06727	16,18388
2584	3,41229,25093	16,80381	2634	3,42061,57706	16,48489	2684	3,42878,25115	16,17785
2585	3,41246,05474	16,79731	2635	3,42078,06195	16,47864	2685	3,42894,42900	16,17183
2586	3,41262,85205	16,79082	2636	3,42094,54059	16,47239	2686	3,42910,60083	16,16581
2587	3,41279,64287	16,78433	2637	3,42111,01298	16,46614	2687	3,42926,76664	16,15980
2588	3,41296,42720	16,77784	2638	3,42127,47912	16,45990	2688	3,42942,92644	16,15378
2589	3,41313,20504	16,77137	2639	3,42143,93902	16,45367	2689	3,42959,08022	16,14778
2590	3,41329,97641	16,76489	2640	3,42160,39269	16,44743	2690	3,42975,22800	16,14178
2591	3,41346,74130	16,75842	2641	3,42176,84012	16,44121	2691	3,42991,36978	16,13578
2592	3,41363,49972	16,75196	2642	3,42193,28133	16,43498	2692	3,43007,50556	16,12978
2593	3,41380,25168	16,74549	2643	3,42209,71631	16,42877	2693	3,43023,63534	16,12380
2594	3,41396,99717	16,73905	2644	3,42226,14508	16,42256	2694	3,43039,75914	16,11781
2595	3,41413,73622	16,73259	2645	3,42242,56764	16,41635	2695	3,43055,87695	16,11184
2596	3,41430,46881	16,72615	2646	3,42258,98399	16,41014	2696	3,43071,98879	16,10586
2597	3,41447,19496	16,71971	2647	3,42275,39413	16,40395	2697	3,43088,09465	16,09988
2598	3,41463,91467	16,71328	2648	3,42291,79808	16,39775	2698	3,43104,19453	16,09393
2599	3,41480,62795	16,70685	2649	3,42308,19583	16,39156	2699	3,43120,28846	16,08796
2600	3,41497,33480	16,70042	2650	3,42324,58739	16,38538	2700	3,43136,37642	16,08200

Chilias 3.

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Chilias 3.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2701	3,43152,45842	16,07605	2751	3,43949,05904	15,78392	2801	3,44731,31088	15,50221
2702	3,43168,53447	16,07010	2752	3,43964,84296	15,77818	2802	3,44746,81309	15,49669
2703	3,43184,60457	16,06416	2753	3,43980,62114	15,77245	2803	3,44762,30978	15,49115
2704	3,43200,66873	16,05821	2754	3,43996,39359	15,76673	2804	3,44777,80093	15,48563
2705	3,43216,72694	16,05229	2755	3,44012,16032	15,76100	2805	3,44793,28656	15,48011
2706	3,43232,77923	16,04635	2756	3,44027,92132	15,75529	2806	3,44808,76667	15,47459
2707	3,43248,82558	16,04042	2757	3,44043,67661	15,74957	2807	3,44824,24126	15,46909
2708	3,43264,86600	16,03450	2758	3,44059,42618	15,74387	2808	3,44839,71035	15,46357
2709	3,43280,90050	16,02859	2759	3,44075,17005	15,73816	2809	3,44855,17392	15,45807
2710	3,43296,92909	16,02267	2760	3,44090,90821	15,73245	2810	3,44870,63199	15,45257
2711	3,43312,95176	16,01676	2761	3,44106,64066	15,72676	2811	3,44886,08456	15,44707
2712	3,43328,96852	16,01086	2762	3,44122,36742	15,72107	2812	3,44901,53163	15,44159
2713	3,43344,97938	16,00495	2763	3,44138,08849	15,71538	2813	3,44916,97322	15,43609
2714	3,43360,98433	15,99906	2764	3,44153,80387	15,70969	2814	3,44932,40931	15,43061
2715	3,43376,98339	15,99317	2765	3,44169,51356	15,70402	2815	3,44947,83992	15,42513
2716	3,43392,97656	15,98728	2766	3,44185,21758	15,69833	2816	3,44963,26505	15,41965
2717	3,43408,96384	15,98140	2767	3,44200,91591	15,69267	2817	3,44978,68470	15,41418
2718	3,43424,94524	15,97552	2768	3,44216,60858	15,68699	2818	3,44994,09888	15,40871
2719	3,43440,92076	15,96964	2769	3,44232,29557	15,68134	2819	3,45009,50759	15,40324
2720	3,43456,89040	15,96378	2770	3,44247,97691	15,67567	2820	3,45024,91083	15,39779
2721	3,43472,85418	15,95791	2771	3,44263,65258	15,67001	2821	3,45040,30862	15,39232
2722	3,43488,81209	15,95204	2772	3,44279,32259	15,66437	2822	3,45055,70094	15,38687
2723	3,43504,76413	15,94619	2773	3,44294,98696	15,65871	2823	3,45071,08781	15,38143
2724	3,43520,71032	15,94034	2774	3,44310,64567	15,65308	2824	3,45086,46924	15,37598
2725	3,43536,65066	15,93449	2775	3,44326,29875	15,64743	2825	3,45101,84522	15,37053
2726	3,43552,58515	15,92864	2776	3,44341,94618	15,64180	2826	3,45117,21575	15,36510
2727	3,43568,51379	15,92281	2777	3,44357,58798	15,63616	2827	3,45132,58085	15,35966
2728	3,43584,43660	15,91697	2778	3,44373,22414	15,63054	2828	3,45147,94051	15,35424
2729	3,43600,35357	15,91113	2779	3,44388,85468	15,62491	2829	3,45163,29475	15,34880
2730	3,43616,26470	15,90531	2780	3,44404,47959	15,61930	2830	3,45178,64355	15,34339
2731	3,43632,17001	15,89949	2781	3,44420,09889	15,61368	2831	3,45193,98694	15,33796
2732	3,43648,06950	15,89367	2782	3,44435,71257	15,60806	2832	3,45209,32490	15,33255
2733	3,43663,96317	15,88785	2783	3,44451,32063	15,60246	2833	3,45224,65745	15,32714
2734	3,43679,85102	15,88205	2784	3,44466,92309	15,59686	2834	3,45239,98459	15,32173
2735	3,43695,73307	15,87623	2785	3,44482,51995	15,59126	2835	3,45255,30632	15,31633
2736	3,43711,60930	15,87044	2786	3,44498,11121	15,58566	2836	3,45270,62265	15,31093
2737	3,43727,47974	15,86464	2787	3,44513,69687	15,58007	2837	3,45285,93358	15,30553
2738	3,43743,34438	15,85885	2788	3,44529,27694	15,57449	2838	3,45301,23911	15,30014
2739	3,43759,20323	15,85305	2789	3,44544,85143	15,56890	2839	3,45316,53925	15,29475
2740	3,43775,05628	15,84727	2790	3,44560,42033	15,56332	2840	3,45331,83400	15,28937
2741	3,43790,90355	15,84150	2791	3,44575,98365	15,55775	2841	3,45347,12337	15,28399
2742	3,43806,74505	15,83571	2792	3,44591,54140	15,55217	2842	3,45362,40736	15,27861
2743	3,43822,58076	15,82994	2793	3,44607,09357	15,54661	2843	3,45377,68597	15,27324
2744	3,43838,41070	15,82418	2794	3,44622,64018	15,54104	2844	3,45392,95921	15,26786
2745	3,43854,23488	15,81841	2795	3,44638,18122	15,53549	2845	3,45408,22707	15,26250
2746	3,43870,05329	15,81265	2796	3,44653,71671	15,52993	2846	3,45423,48957	15,25714
2747	3,43885,86594	15,80690	2797	3,44669,24664	15,52438	2847	3,45438,74671	15,25179
2748	3,43901,67284	15,80114	2798	3,44684,77102	15,51883	2848	3,45453,99850	15,24642
2749	3,43917,47398	15,79540	2799	3,44700,28985	15,51328	2849	3,45469,24492	15,24108
2750	3,43933,26938	15,78966	2800	3,44715,80313	15,50775	2850	3,45484,48600	15,23573

Chilias 3.

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Chilias 3.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
2851	3,45499,72173	15,23039	2901	3,46254,77288	14,96793	2951	3,46996,92095	14,71437
2852	3,45514,95212	15,22505	2902	3,46269,74081	14,96277	2952	3,47011,63532	14,70938
2853	3,45530,17717	15,21971	2903	3,46284,70358	14,95762	2953	3,47026,34470	14,70440
2854	3,45545,39688	15,21438	2904	3,46299,66120	14,95247	2954	3,47041,04910	14,69942
2855	3,45560,61126	15,20905	2905	3,46314,61367	14,94733	2955	3,47055,74852	14,69445
2856	3,45575,82031	15,20373	2906	3,46329,56100	14,94218	2956	3,47070,44297	14,68948
2857	3,45591,02404	15,19841	2907	3,46344,50318	14,93704	2957	3,47085,13245	14,68452
2858	3,45606,22245	15,19309	2908	3,46359,44022	14,93190	2958	3,47099,81697	14,67955
2859	3,45621,41554	15,18777	2909	3,46374,37212	14,92678	2959	3,47114,49652	14,67459
2860	3,45636,60331	15,18247	2910	3,46389,29890	14,92164	2960	3,47129,17111	14,66963
2861	3,45651,78578	15,17716	2911	3,46404,22054	14,91652	2961	3,47143,84074	14,66468
2862	3,45666,96294	15,17186	2912	3,46419,13706	14,91140	2962	3,47158,50542	14,65973
2863	3,45682,13480	15,16656	2913	3,46434,04846	14,90628	2963	3,47173,16515	14,65478
2864	3,45697,30136	15,16127	2914	3,46448,95474	14,90117	2964	3,47187,81993	14,64984
2865	3,45712,46263	15,15598	2915	3,46463,85591	14,89605	2965	3,47202,46977	14,64490
2866	3,45727,61861	15,15068	2916	3,46478,75196	14,89095	2966	3,47217,11467	14,63996
2867	3,45742,76929	15,14541	2917	3,46493,64291	14,88585	2967	3,47231,75463	14,63503
2868	3,45757,91470	15,14012	2918	3,46508,52876	14,88074	2968	3,47246,38966	14,63010
2869	3,45773,05482	15,13485	2919	3,46523,40950	14,87564	2969	3,47261,01976	14,62517
2870	3,45788,18967	15,12958	2920	3,46538,28514	14,87056	2970	3,47275,64493	14,62025
2871	3,45803,31925	15,12431	2921	3,46553,15570	14,86546	2971	3,47290,26518	14,61533
2872	3,45818,44356	15,11904	2922	3,46568,02116	14,86038	2972	3,47304,88051	14,61041
2873	3,45833,56260	15,11378	2923	3,46582,88154	14,85529	2973	3,47319,49092	14,60550
2874	3,45848,67638	15,10852	2924	3,46597,73683	14,85021	2974	3,47334,09642	14,60059
2875	3,45863,78490	15,10327	2925	3,46612,58704	14,84514	2975	3,47348,69701	14,59568
2876	3,45878,88817	15,09802	2926	3,46627,43218	14,84006	2976	3,47363,29269	14,59077
2877	3,45893,98619	15,09277	2927	3,46642,27224	14,83500	2977	3,47377,88346	14,58588
2878	3,45909,07896	15,08753	2928	3,46657,10724	14,82993	2978	3,47392,46934	14,58098
2879	3,45924,16649	15,08229	2929	3,46671,93717	14,82487	2979	3,47407,05032	14,57609
2880	3,45939,24878	15,07705	2930	3,46686,76204	14,81980	2980	3,47421,62641	14,57119
2881	3,45954,32583	15,07182	2931	3,46701,58184	14,81476	2981	3,47436,19760	14,56631
2882	3,45969,39765	15,06659	2932	3,46716,39660	14,80970	2982	3,47450,76391	14,56143
2883	3,45984,46424	15,06136	2933	3,46731,20630	14,80465	2983	3,47465,32534	14,55654
2884	3,45999,52560	15,05615	2934	3,46746,01095	14,79961	2984	3,47479,88188	14,55167
2885	3,46014,58175	15,05093	2935	3,46760,81056	14,79456	2985	3,47494,43355	14,54679
2886	3,46029,63268	15,04571	2936	3,46775,60512	14,78953	2986	3,47508,98034	14,54192
2887	3,46044,67839	15,04050	2937	3,46790,39465	14,78450	2987	3,47523,52226	14,53705
2888	3,46059,71889	15,03529	2938	3,46805,17915	14,77946	2988	3,47538,05931	14,53219
2889	3,46074,75418	15,03010	2939	3,46819,95861	14,77443	2989	3,47552,59150	14,52733
2890	3,46089,78428	15,02489	2940	3,46834,73304	14,76941	2990	3,47567,11883	14,52247
2891	3,46104,80917	15,01969	2941	3,46849,50245	14,76439	2991	3,47581,64130	14,51762
2892	3,46119,82886	15,01450	2942	3,46864,26684	14,75937	2992	3,47596,15892	14,51276
2893	3,46134,84336	15,00932	2943	3,46879,02621	14,75436	2993	3,47610,67168	14,50792
2894	3,46149,85268	15,00413	2944	3,46893,78057	14,74934	2994	3,47625,17960	14,50307
2895	3,46164,85681	14,99894	2945	3,46908,52991	14,74434	2995	3,47639,68267	14,49823
2896	3,46179,85575	14,99377	2946	3,46923,27425	14,73933	2996	3,47654,18090	14,49339
2897	3,46194,84952	14,98859	2947	3,46938,01358	14,73434	2997	3,47668,67429	14,48856
2898	3,46209,83811	14,98343	2948	3,46952,74792	14,72934	2998	3,47683,16285	14,48373
2899	3,46224,82154	14,97825	2949	3,46967,47726	14,72434	2999	3,47697,64658	14,47889
2900	3,46239,79979	14,97309	2950	3,46982,20160	14,71935	3000	3,47712,12547	14,47407

Chilias 4.

Chilias 4.

Chilias 4.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3001	3,47726,59954	14,46925	3051	3,48444,22076	14,23217	3101	3,49150,17662	14,00273
3002	3,47741,06879	14,46443	3052	3,48458,45293	14,22750	3102	3,49164,17935	13,99821
3003	3,47755,53322	14,45961	3053	3,48472,68043	14,22284	3103	3,49178,17756	13,99370
3004	3,47769,99283	14,45480	3054	3,48486,90327	14,21819	3104	3,49192,17126	13,98919
3005	3,47784,44763	14,45000	3055	3,48501,12146	14,21353	3105	3,49206,16045	13,98469
3006	3,47798,89763	14,44518	3056	3,48515,33499	14,20888	3106	3,49220,14514	13,98019
3007	3,47813,34281	14,44038	3057	3,48529,54387	14,20424	3107	3,49234,12533	13,97568
3008	3,47827,78319	14,43558	3058	3,48543,74811	14,19959	3108	3,49248,10101	13,97119
3009	3,47842,21877	14,43079	3059	3,48557,94770	14,19495	3109	3,49262,07220	13,96670
3010	3,47856,64956	14,42599	3060	3,48572,14265	14,19031	3110	3,49276,03890	13,96221
3011	3,47871,07555	14,42120	3061	3,48586,33296	14,18568	3111	3,49290,00111	13,95772
3012	3,47885,49675	14,41642	3062	3,48600,51864	14,18104	3112	3,49303,95883	13,95324
3013	3,47899,91317	14,41163	3063	3,48614,69968	14,17642	3113	3,49317,91207	13,94875
3014	3,47914,32480	14,40685	3064	3,48628,87610	14,17179	3114	3,49331,86082	13,94428
3015	3,47928,73165	14,40207	3065	3,48643,04789	14,16716	3115	3,49345,80510	13,93980
3016	3,47943,13372	14,39730	3066	3,48657,21505	14,16255	3116	3,49359,74490	13,93533
3017	3,47957,53102	14,39252	3067	3,48671,37760	14,15793	3117	3,49373,68023	13,93086
3018	3,47971,92354	14,38776	3068	3,48685,53553	14,15331	3118	3,49387,61109	13,92639
3019	3,47986,31130	14,38300	3069	3,48699,68884	14,14871	3119	3,49401,53748	13,92192
3020	3,48000,69430	14,37823	3070	3,48713,83755	14,14409	3120	3,49415,45940	13,91747
3021	3,48015,07253	14,37347	3071	3,48727,98164	14,13950	3121	3,49429,37687	13,91300
3022	3,48029,44600	14,36872	3072	3,48742,12114	14,13489	3122	3,49443,28987	13,90855
3023	3,48043,81472	14,36396	3073	3,48756,25603	14,13029	3123	3,49457,19842	13,90410
3024	3,48058,17868	14,35922	3074	3,48770,38632	14,12569	3124	3,49471,10252	13,89965
3025	3,48072,53790	14,35447	3075	3,48784,51201	14,12110	3125	3,49485,00217	13,89520
3026	3,48086,89237	14,34973	3076	3,48798,63311	14,11651	3126	3,49498,89737	13,89075
3027	3,48101,24210	14,34498	3077	3,48812,74962	14,11193	3127	3,49512,78812	13,88632
3028	3,48115,58708	14,34025	3078	3,48826,86155	14,10734	3128	3,49526,67444	13,88187
3029	3,48129,92733	14,33552	3079	3,48840,96889	14,10276	3129	3,49540,55631	13,87744
3030	3,48144,26285	14,33079	3080	3,48855,07165	14,09818	3130	3,49554,43375	13,87301
3031	3,48158,59364	14,32606	3081	3,48869,16983	14,09361	3131	3,49568,30676	13,86858
3032	3,48172,91970	14,32133	3082	3,48883,26344	14,08903	3132	3,49582,17534	13,86415
3033	3,48187,24103	14,31662	3083	3,48897,35247	14,08447	3133	3,49596,03949	13,85972
3034	3,48201,55765	14,31189	3084	3,48911,43694	14,07990	3134	3,49609,89921	13,85531
3035	3,48215,86954	14,30718	3085	3,48925,51684	14,07533	3135	3,49623,75452	13,85088
3036	3,48230,17672	14,30247	3086	3,48939,59217	14,07078	3136	3,49637,60540	13,84647
3037	3,48244,47919	14,29776	3087	3,48953,66295	14,06622	3137	3,49651,45187	13,84206
3038	3,48258,77695	14,29306	3088	3,48967,72917	14,06166	3138	3,49665,29393	13,83764
3039	3,48273,07001	14,28835	3089	3,48981,79083	14,05711	3139	3,49679,13157	13,83324
3040	3,48287,35836	14,28365	3090	3,48995,84794	14,05257	3140	3,49692,96481	13,82883
3041	3,48301,64201	14,27896	3091	3,49009,90051	14,04801	3141	3,49706,79364	13,82443
3042	3,48315,92097	14,27427	3092	3,49023,94852	14,04348	3142	3,49720,61807	13,82003
3043	3,48330,19524	14,26957	3093	3,49037,99200	14,03894	3143	3,49734,43810	13,81564
3044	3,48344,46481	14,26489	3094	3,49052,03094	14,03440	3144	3,49748,25374	13,81124
3045	3,48358,72970	14,26020	3095	3,49066,06534	14,02986	3145	3,49762,06498	13,80685
3046	3,48372,98990	14,25552	3096	3,49080,09520	14,02534	3146	3,49775,87183	13,80246
3047	3,48387,24542	14,25085	3097	3,49094,12054	14,02080	3147	3,49789,67429	13,79808
3048	3,48401,49627	14,24617	3098	3,49108,14134	14,01628	3148	3,49803,47237	13,79369
3049	3,48415,74244	14,24149	3099	3,49122,15762	14,01176	3149	3,49817,26606	13,78932
3050	3,48429,98393	14,23683	3100	3,49136,16938	14,00724	3150	3,49831,05538	13,78494

Chilias 4.

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3151	3,49844,84032	13,78056 13,77619 13,77183 13,76746 13,76309	3201	3,50528,56741	13,56535 13,56111 13,55687 13,55265 13,54841	3251	3,51201,69695	13,35674 13,35264 13,34853 13,34443 13,34033
3152	3,49858,62088		3202	3,50542,13276		3252	3,51215,05369	
3153	3,49872,39707		3203	3,50555,69387		3253	3,51228,40633	
3154	3,49886,16890		3204	3,50569,25074		3254	3,51241,75486	
3155	3,49899,93636		3205	3,50582,80339		3255	3,51255,09929	
3156	3,49913,69945	13,75874 13,75438 13,75002 13,74567 13,74132	3206	3,50596,35180	13,54419 13,53997 13,53575 13,53153 13,52732	3256	3,51268,43962	13,33624 13,33214 13,32805 13,32396 13,31987
3157	3,49927,45819		3207	3,50609,89599		3257	3,51281,77586	
3158	3,49941,21257		3208	3,50623,43596		3258	3,51295,10800	
3159	3,49954,96259		3209	3,50636,97171		3259	3,51308,43605	
3160	3,49968,70826		3210	3,50650,50324		3260	3,51321,76001	
3161	3,49982,44958	13,73698 13,73263 13,72829 13,72396 13,71961	3211	3,50664,03056	13,52310 13,51890 13,51468 13,51049 13,50628	3261	3,51335,07988	13,31579 13,31171 13,30763 13,30355 13,29948
3162	3,49996,18656		3212	3,50677,55366		3262	3,51348,39567	
3163	3,50009,91919		3213	3,50691,07256		3263	3,51361,70738	
3164	3,50023,64748		3214	3,50704,58724		3264	3,51375,01501	
3165	3,50037,37144		3215	3,50718,09773		3265	3,51388,31856	
3166	3,50051,09105	13,71529 13,71095 13,70663 13,70230 13,69798	3216	3,50731,60401	13,50208 13,49789 13,49369 13,48950 13,48531	3266	3,51401,61804	13,29541 13,29134 13,28727 13,28321 13,27914
3167	3,50064,80634		3217	3,50745,10609		3267	3,51414,91345	
3168	3,50078,51729		3218	3,50758,60398		3268	3,51428,20479	
3169	3,50092,22392		3219	3,50772,09767		3269	3,51441,49206	
3170	3,50105,92622		3220	3,50785,58717		3270	3,51454,77527	
3171	3,50119,62420	13,69366 13,68935 13,68503 13,68072 13,67642	3221	3,50799,07248	13,48113 13,47694 13,47276 13,46859 13,46441	3271	3,51468,05441	13,27509 13,27103 13,26698 13,26292 13,25888
3172	3,50133,31786		3222	3,50812,55361		3272	3,51481,32950	
3173	3,50147,00721		3223	3,50826,03055		3273	3,51494,60053	
3174	3,50160,69224		3224	3,50839,50331		3274	3,51507,86751	
3175	3,50174,37296		3225	3,50852,97190		3275	3,51521,13043	
3176	3,50188,04938	13,67210 13,66781 13,66350 13,65921 13,65491	3226	3,50866,43631	13,46023 13,45607 13,45189 13,44773 13,44357	3276	3,51534,38931	13,25483 13,25078 13,24675 13,24270 13,23867
3177	3,50201,72148		3227	3,50879,89654		3277	3,51547,64414	
3178	3,50215,38929		3228	3,50893,35261		3278	3,51560,89492	
3179	3,50229,05279		3229	3,50906,80450		3279	3,51574,14167	
3180	3,50242,71200		3230	3,50920,25223		3280	3,51587,38437	
3181	3,50256,36691	13,65062 13,64633 13,64205 13,63776 13,63348	3231	3,50933,69580	13,43941 13,43525 13,43110 13,42694 13,42279	3281	3,51600,62304	13,23463 13,23060 13,22657 13,22255 13,21852
3182	3,50270,01753		3232	3,50947,13521		3282	3,51613,85767	
3183	3,50283,66386		3233	3,50960,57046		3283	3,51627,08827	
3184	3,50297,30591		3234	3,50974,00156		3284	3,51640,31484	
3185	3,50310,94367		3235	3,50987,42850		3285	3,51653,53739	
3186	3,50324,57715	13,62920 13,62492 13,62065 13,61639 13,61211	3236	3,51000,85129	13,41865 13,41450 13,41036 13,40622 13,40208	3286	3,51666,75591	13,21450 13,21048 13,20646 13,20244 13,19844
3187	3,50338,20635		3237	3,51014,26994		3287	3,51679,97041	
3188	3,50351,83127		3238	3,51027,68444		3288	3,51693,18089	
3189	3,50365,45192		3239	3,51041,09480		3289	3,51706,38735	
3190	3,50379,06831		3240	3,51054,50102		3290	3,51719,58979	
3191	3,50392,68042	13,60785 13,60358 13,59933 13,59507 13,59081	3241	3,51067,90310	13,39795 13,39382 13,38968 13,38556 13,38144	3291	3,51732,78823	13,19442 13,19042 13,18641 13,18241 13,17841
3192	3,50406,28827		3242	3,51081,30105		3292	3,51745,98265	
3193	3,50419,89185		3243	3,51094,69487		3293	3,51759,17307	
3194	3,50433,49118		3244	3,51108,08455		3294	3,51772,35948	
3195	3,50447,08625		3245	3,51121,47011		3295	3,51785,54189	
3196	3,50460,67706	13,58657 13,58231 13,57807 13,57382 13,56958	3246	3,51134,85155	13,37731 13,37320 13,36907 13,36497 13,36085	3296	3,51798,72030	13,17441 13,17042 13,16642 13,16244 13,15844
3197	3,50474,26363		3247	3,51148,22886		3297	3,51811,89471	
3198	3,50487,84594		3248	3,51161,60206		3298	3,51825,06513	
3199	3,50501,42401		3249	3,51174,97113		3299	3,51838,23155	
3200	3,50514,99783		3250	3,51188,33610		3300	3,51851,39399	

Chilias 4.

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3301	3,51864,55243	13,15446 13,15048 13,14649 13,14252 13,13854	3351	3,52517,44278	12,95822 12,95434 12,95049 12,94662 12,94277	3401	3,53160,66319	12,76774 12,76398 12,76023 12,75648 12,75274
3302	3,51877,70689		3352	3,52530,40100		3402	3,53173,43093	
3303	3,51890,85737		3353	3,52543,35534		3403	3,53186,19491	
3304	3,51904,00386		3354	3,52556,30583		3404	3,53198,95514	
3305	3,51917,14638		3355	3,52569,25245		3405	3,53211,71162	
3306	3,51930,28492	13,13457 13,13060 13,12663 13,12266 13,11870	3356	3,52582,19522	12,93890 12,93506 12,93120 12,92736 12,92351	3406	3,53224,46436	12,74900 12,74525 12,74151 12,73778 12,73404
3307	3,51943,41949		3357	3,52595,13412		3407	3,53237,21336	
3308	3,51956,55009		3358	3,52608,06918		3408	3,53249,95861	
3309	3,51969,67672		3359	3,52621,00038		3409	3,53262,70012	
3310	3,51982,79938		3360	3,52633,92774		3410	3,53275,43790	
3311	3,51995,91808	13,11473 13,11078 13,10682 13,10286 13,09892	3361	3,52646,85125	12,91966 12,91582 12,91198 12,90815 12,90430	3411	3,53288,17194	12,73031 12,72658 12,72285 12,71912 12,71540
3312	3,52009,03281		3362	3,52659,77091		3412	3,53300,90225	
3313	3,52022,14359		3363	3,52672,68673		3413	3,53313,62883	
3314	3,52035,25041		3364	3,52685,59871		3414	3,53326,35168	
3315	3,52048,35327		3365	3,52698,50686		3415	3,53339,07080	
3316	3,52061,45219	13,09496 13,09102 13,08707 13,08313 13,07919	3366	3,52711,41116	12,90048 12,89664 12,89282 12,88899 12,88516	3416	3,53351,78620	12,71168 12,70796 12,70424 12,70053 12,69681
3317	3,52074,54715		3367	3,52724,31164		3417	3,53364,49788	
3318	3,52087,63817		3368	3,52737,20828		3418	3,53377,20584	
3319	3,52100,72524		3369	3,52750,10110		3419	3,53389,91008	
3320	3,52113,80837		3370	3,52762,99009		3420	3,53402,61061	
3321	3,52126,88756	13,07525 13,07132 13,06738 13,06345 13,05953	3371	3,52775,87525	12,88135 12,87752 12,87371 12,86989 12,86608	3421	3,53415,30742	12,69310 12,68939 12,68569 12,68198 12,67828
3322	3,52139,96281		3372	3,52788,75660		3422	3,53428,00052	
3323	3,52153,03413		3373	3,52801,63412		3423	3,53440,68991	
3324	3,52166,10151		3374	3,52814,50783		3424	3,53453,37560	
3325	3,52179,16496		3375	3,52827,37772		3425	3,53466,05758	
3326	3,52192,22449	13,05560 13,05167 13,04776 13,04383 13,03992	3376	3,52840,24380	12,86226 12,85846 12,85466 12,85085 12,84705	3426	3,53478,73586	12,67458 12,67089 12,66718 12,66349 12,65981
3327	3,52205,28009		3377	3,52853,10606		3427	3,53491,41044	
3328	3,52218,33176		3378	3,52865,96452		3428	3,53504,08133	
3329	3,52231,37952		3379	3,52878,81918		3429	3,53516,74851	
3330	3,52244,42335		3380	3,52891,67003		3430	3,53529,41200	
3331	3,52257,46327	13,03600 13,03210 13,02818 13,02428 13,02037	3381	3,52904,51708	12,84325 12,83945 12,83566 12,83186 12,82808	3431	3,53542,07181	12,65611 12,65242 12,64874 12,64506 12,64138
3332	3,52270,49927		3382	3,52917,36033		3432	3,53554,72792	
3333	3,52283,53137		3383	3,52930,19978		3433	3,53567,38034	
3334	3,52296,55955		3384	3,52943,03544		3434	3,53580,02908	
3335	3,52309,58383		3385	3,52955,86730		3435	3,53592,67414	
3336	3,52322,60420	13,01647 13,01256 13,00868 13,00477 13,00088	3386	3,52968,69538	12,82428 12,82051 12,81671 12,81294 12,80916	3436	3,53605,31552	12,63769 12,63403 12,63034 12,62668 12,62300
3337	3,52335,62067		3387	3,52981,51966		3437	3,53617,95321	
3338	3,52348,63323		3388	3,52994,34017		3438	3,53630,58724	
3339	3,52361,64191		3389	3,53007,15688		3439	3,53643,21758	
3340	3,52374,64668		3390	3,53019,96982		3440	3,53655,84426	
3341	3,52387,64756	12,99700 12,99310 12,98922 12,98533 12,98145	3391	3,53032,77898	12,80538 12,80160 12,79784 12,79406 12,79030	3441	3,53668,46726	12,61934 12,61567 12,61201 12,60834 12,60469
3342	3,52400,64456		3392	3,53045,58436		3442	3,53681,08660	
3343	3,52413,63766		3393	3,53058,38596		3443	3,53693,70227	
3344	3,52426,62688		3394	3,53071,18380		3444	3,53706,31428	
3345	3,52439,61221		3395	3,53083,97786		3445	3,53718,92262	
3346	3,52452,59366	12,97758 12,97369 12,96982 12,96595 12,96208	3396	3,53096,76816	12,78653 12,78276 12,77901 12,77524 12,77149	3446	3,53731,52731	12,60103 12,59738 12,59372 12,59007 12,58642
3347	3,52465,57124		3397	3,53109,55469		3447	3,53744,12834	
3348	3,52478,54493		3398	3,53122,33745		3448	3,53756,72572	
3349	3,52491,51475		3399	3,53135,11646		3449	3,53769,31944	
3350	3,52504,48070		3400	3,53147,89170		3450	3,53781,90951	

Chilias 4.

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Chilias 4.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3451	3,53794,49593	12,58277	3501	3,54419,21108	12,40309	3551	3,55035,06723	12,22848
3452	3,53807,07870	12,57913	3502	3,54431,61417	12,39956	3552	3,55047,29571	12,22504
3453	3,53819,65783	12,57549	3503	3,54444,01373	12,39602	3553	3,55059,52075	12,22160
3454	3,53832,23332	12,57185	3504	3,54456,40975	12,39248	3554	3,55071,74235	12,21816
3455	3,53844,80517	12,56821	3505	3,54468,80223	12,38895	3555	3,55083,96051	12,21472
3456	3,53857,37338	12,56457	3506	3,54481,19118	12,38541	3556	3,55096,17523	12,21129
3457	3,53869,93795	12,56094	3507	3,54493,57659	12,38188	3557	3,55108,38652	12,20785
3458	3,53882,49889	12,55731	3508	3,54505,95847	12,37835	3558	3,55120,59437	12,20443
3459	3,53895,05620	12,55368	3509	3,54518,33682	12,37483	3559	3,55132,79880	12,20100
3460	3,53907,60988	12,55005	3510	3,54530,71165	12,37130	3560	3,55144,99980	12,19757
3461	3,53920,15993	12,54642	3511	3,54543,08295	12,36777	3561	3,55157,19737	12,19414
3462	3,53932,70635	12,54280	3512	3,54555,45072	12,36426	3562	3,55169,39151	12,19073
3463	3,53945,24915	12,53918	3513	3,54567,81498	12,36074	3563	3,55181,58224	12,18730
3464	3,53957,78833	12,53556	3514	3,54580,17572	12,35722	3564	3,55193,76954	12,18388
3465	3,53970,32389	12,53195	3515	3,54592,53294	12,35370	3565	3,55205,95342	12,18046
3466	3,53982,85584	12,52833	3516	3,54604,88664	12,35019	3566	3,55218,13388	12,17705
3467	3,53995,38417	12,52471	3517	3,54617,23683	12,34668	3567	3,55230,31093	12,17364
3468	3,54007,90888	12,52110	3518	3,54629,58351	12,34317	3568	3,55242,48457	12,17023
3469	3,54020,42998	12,51750	3519	3,54641,92668	12,33967	3569	3,55254,65480	12,16681
3470	3,54032,94748	12,51389	3520	3,54654,26635	12,33616	3570	3,55266,82161	12,16341
3471	3,54045,46137	12,51028	3521	3,54666,60251	12,33265	3571	3,55278,98502	12,16000
3472	3,54057,97165	12,50668	3522	3,54678,93516	12,32916	3572	3,55291,14502	12,15660
3473	3,54070,47833	12,50308	3523	3,54691,26432	12,32565	3573	3,55303,30162	12,15320
3474	3,54082,98141	12,49948	3524	3,54703,58997	12,32216	3574	3,55315,45482	12,14979
3475	3,54095,48089	12,49589	3525	3,54715,91213	12,31867	3575	3,55327,60461	12,14640
3476	3,54107,97678	12,49229	3526	3,54728,23080	12,31517	3576	3,55339,75101	12,14300
3477	3,54120,46907	12,48870	3527	3,54740,54597	12,31168	3577	3,55351,89401	12,13961
3478	3,54132,95777	12,48510	3528	3,54752,85765	12,30819	3578	3,55364,03362	12,13622
3479	3,54145,44287	12,48152	3529	3,54765,16584	12,30470	3579	3,55376,16984	12,13282
3480	3,54157,92439	12,47794	3530	3,54777,47054	12,30122	3580	3,55388,30266	12,12944
3481	3,54170,40233	12,47435	3531	3,54789,77176	12,29773	3581	3,55400,43210	12,12605
3482	3,54182,87668	12,47077	3532	3,54802,06949	12,29425	3582	3,55412,55815	12,12267
3483	3,54195,34745	12,46718	3533	3,54814,36374	12,29078	3583	3,55424,68082	12,11928
3484	3,54207,81463	12,46361	3534	3,54826,65452	12,28729	3584	3,55436,80010	12,11590
3485	3,54220,27824	12,46004	3535	3,54838,94181	12,28382	3585	3,55448,91600	12,11252
3486	3,54232,73828	12,45646	3536	3,54851,22563	12,28035	3586	3,55461,02852	12,10915
3487	3,54245,19474	12,45289	3537	3,54863,50598	12,27688	3587	3,55473,13767	12,10577
3488	3,54257,64763	12,44931	3538	3,54875,78286	12,27340	3588	3,55485,24344	12,10239
3489	3,54270,09694	12,44576	3539	3,54888,05626	12,26994	3589	3,55497,34583	12,09903
3490	3,54282,54270	12,44218	3540	3,54900,32620	12,26648	3590	3,55509,44486	12,09565
3491	3,54294,98488	12,43862	3541	3,54912,59268	12,26301	3591	3,55521,54051	12,09229
3492	3,54307,42350	12,43506	3542	3,54924,85569	12,25954	3592	3,55533,63280	12,08892
3493	3,54319,85856	12,43150	3543	3,54937,11523	12,25609	3593	3,55545,72172	12,08556
3494	3,54332,29006	12,42795	3544	3,54949,37132	12,25263	3594	3,55557,80728	12,08219
3495	3,54344,71801	12,42439	3545	3,54961,62395	12,24918	3595	3,55569,88947	12,07884
3496	3,54357,14240	12,42083	3546	3,54973,87313	12,24572	3596	3,55581,96831	12,07547
3497	3,54369,56323	12,41728	3547	3,54986,11885	12,24227	3597	3,55594,04378	12,07212
3498	3,54381,98051	12,41374	3548	3,54998,36112	12,23881	3598	3,55606,11590	12,06877
3499	3,54394,39425	12,41019	3549	3,55010,59993	12,23538	3599	3,55618,18467	12,06541
3500	3,54406,80444	12,40664	3550	3,55022,83531	12,23192	3600	3,55630,25008	12,06206

Chilias 4.

Chilias 4.

Chilias 4.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3601	3,55642,31214	12,05871	3651	3,56241,18329	11,89360	3701	3,56831,90851	11,73293
3602	3,55654,37085	12,05536	3652	3,56253,07689	11,89033	3702	3,56843,64144	11,72976
3603	3,55666,42621	12,05202	3653	3,56264,96722	11,88708	3703	3,56855,37120	11,72660
3604	3,55678,47823	12,04868	3654	3,56276,85430	11,88383	3704	3,56867,09780	11,72343
3605	3,55690,52691	12,04533	3655	3,56288,73813	11,88058	3705	3,56878,82123	11,72027
3606	3,55702,57224	12,04199	3656	3,56300,61871	11,87732	3706	3,56890,54150	11,71710
3607	3,55714,61423	12,03866	3657	3,56312,49603	11,87408	3707	3,56902,25860	11,71395
3608	3,55726,65289	12,03532	3658	3,56324,37011	11,87084	3708	3,56913,97255	11,71078
3609	3,55738,68821	12,03198	3659	3,56336,24095	11,86759	3709	3,56925,68333	11,70763
3610	3,55750,72019	12,02865	3660	3,56348,10854	11,86435	3710	3,56937,39096	11,70447
3611	3,55762,74884	12,02532	3661	3,56359,97289	11,86111	3711	3,56949,09543	11,70132
3612	3,55774,77416	12,02200	3662	3,56371,83400	11,85787	3712	3,56960,79675	11,69817
3613	3,55786,79616	12,01866	3663	3,56383,69187	11,85463	3713	3,56972,49492	11,69502
3614	3,55798,81482	12,01534	3664	3,56395,54650	11,85140	3714	3,56984,18994	11,69187
3615	3,55810,83016	12,01202	3665	3,56407,39790	11,84816	3715	3,56995,88181	11,68872
3616	3,55822,84218	12,00870	3666	3,56419,24606	11,84494	3716	3,57007,57053	11,68558
3617	3,55834,85088	12,00537	3667	3,56431,09100	11,84170	3717	3,57019,25611	11,68243
3618	3,55846,85625	12,00206	3668	3,56442,93270	11,83848	3718	3,57030,93854	11,67930
3619	3,55858,85831	11,99874	3669	3,56454,77118	11,83525	3719	3,57042,61784	11,67615
3620	3,55870,85705	11,99543	3670	3,56466,60643	11,83202	3720	3,57054,29399	11,67301
3621	3,55882,85248	11,99212	3671	3,56478,43845	11,82880	3721	3,57065,96700	11,66988
3622	3,55894,84460	11,98880	3672	3,56490,26725	11,82558	3722	3,57077,63688	11,66674
3623	3,55906,83340	11,98550	3673	3,56502,09283	11,82237	3723	3,57089,30362	11,66361
3624	3,55918,81890	11,98219	3674	3,56513,91520	11,81914	3724	3,57100,96723	11,66048
3625	3,55930,80109	11,97889	3675	3,56525,73434	11,81593	3725	3,57112,62771	11,65735
3626	3,55942,77998	11,97558	3676	3,56537,55027	11,81272	3726	3,57124,28506	11,65422
3627	3,55954,75556	11,97228	3677	3,56549,36299	11,80950	3727	3,57135,93928	11,65109
3628	3,55966,72784	11,96898	3678	3,56561,17249	11,80629	3728	3,57147,59037	11,64797
3629	3,55978,69682	11,96568	3679	3,56572,97878	11,80309	3729	3,57159,23834	11,64484
3630	3,55990,66250	11,96239	3680	3,56584,78187	11,79987	3730	3,57170,88318	11,64172
3631	3,56002,62489	11,95909	3681	3,56596,58174	11,79668	3731	3,57182,52490	11,63861
3632	3,56014,58398	11,95581	3682	3,56608,37842	11,79347	3732	3,57194,16351	11,63548
3633	3,56026,53979	11,95251	3683	3,56620,17189	11,79026	3733	3,57205,79899	11,63237
3634	3,56038,49230	11,94922	3684	3,56631,96215	11,78707	3734	3,57217,43136	11,62926
3635	3,56050,44152	11,94593	3685	3,56643,74922	11,78387	3735	3,57229,06062	11,62614
3636	3,56062,38745	11,94266	3686	3,56655,53309	11,78067	3736	3,57240,68676	11,62302
3637	3,56074,33011	11,93936	3687	3,56667,31376	11,77748	3737	3,57252,30978	11,61992
3638	3,56086,26947	11,93609	3688	3,56679,09124	11,77428	3738	3,57263,92970	11,61682
3639	3,56098,20556	11,93280	3689	3,56690,86552	11,77110	3739	3,57275,54652	11,61370
3640	3,56110,13836	11,92953	3690	3,56702,63662	11,76790	3740	3,57287,16022	11,61060
3641	3,56122,06789	11,92626	3691	3,56714,40452	11,76472	3741	3,57298,77082	11,60750
3642	3,56133,99415	11,92297	3692	3,56726,16924	11,76153	3742	3,57310,37832	11,60439
3643	3,56145,91712	11,91971	3693	3,56737,93077	11,75834	3743	3,57321,98271	11,60130
3644	3,56157,83683	11,91644	3694	3,56749,68911	11,75516	3744	3,57333,58401	11,59819
3645	3,56169,75327	11,91316	3695	3,56761,44427	11,75198	3745	3,57345,18220	11,59510
3646	3,56181,66643	11,90990	3696	3,56773,19625	11,74881	3746	3,57356,77730	11,59201
3647	3,56193,57633	11,90664	3697	3,56784,94506	11,74562	3747	3,57368,36931	11,58891
3648	3,56205,48297	11,90337	3698	3,56796,69068	11,74245	3748	3,57379,95822	11,58582
3649	3,56217,38634	11,90011	3699	3,56808,43313	11,73928	3749	3,57391,54404	11,58273
3650	3,56229,28645	11,89684	3700	3,56820,17241	11,73610	3750	3,57403,12677	11,57965

Chilias 4.

Chilias 4.

Chilias 4.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3751	3,57414,70642	11,57655	3801	3,57989,78696	11,42429	3851	3,58557,35186	11,27599
3752	3,57426,28297	11,57347	3802	3,58001,21125	11,42129	3852	3,58568,62785	11,27305
3753	3,57437,85644	11,57039	3803	3,58012,63254	11,41829	3853	3,58579,90090	11,27013
3754	3,57449,42683	11,56730	3804	3,58024,05083	11,41528	3854	3,58591,17103	11,26721
3755	3,57460,99413	11,56423	3805	3,58035,46611	11,41229	3855	3,58602,43824	11,26428
3756	3,57472,55836	11,56115	3806	3,58046,87840	11,40928	3856	3,58613,70252	11,26137
3757	3,57484,11951	11,55807	3807	3,58058,28768	11,40629	3857	3,58624,96389	11,25844
3758	3,57495,67758	11,55499	3808	3,58069,69397	11,40330	3858	3,58636,22233	11,25553
3759	3,57507,23257	11,55192	3809	3,58081,09727	11,40030	3859	3,58647,47786	11,25261
3760	3,57518,78449	11,54885	3810	3,58092,49757	11,39731	3860	3,58658,73047	11,24969
3761	3,57530,33334	11,54578	3811	3,58103,89488	11,39432	3861	3,58669,98016	11,24678
3762	3,57541,87912	11,54271	3812	3,58115,28920	11,39133	3862	3,58681,22694	11,24387
3763	3,57553,42183	11,53965	3813	3,58126,68053	11,38834	3863	3,58692,47081	11,24096
3764	3,57564,96148	11,53657	3814	3,58138,06887	11,38536	3864	3,58703,71177	11,23806
3765	3,57576,49805	11,53352	3815	3,58149,45423	11,38237	3865	3,58714,94983	11,23514
3766	3,57588,03157	11,53045	3816	3,58160,83660	11,37939	3866	3,58726,18497	11,23224
3767	3,57599,56202	11,52739	3817	3,58172,21599	11,37642	3867	3,58737,41721	11,22933
3768	3,57611,08941	11,52433	3818	3,58183,59241	11,37343	3868	3,58748,64654	11,22643
3769	3,57622,61374	11,52128	3819	3,58194,96584	11,37045	3869	3,58759,87297	11,22353
3770	3,57634,13502	11,51822	3820	3,58206,33629	11,36748	3870	3,58771,09650	11,22063
3771	3,57645,65324	11,51517	3821	3,58217,70377	11,36450	3871	3,58782,31713	11,21773
3772	3,57657,16841	11,51211	3822	3,58229,06827	11,36153	3872	3,58793,53486	11,21484
3773	3,57668,68052	11,50906	3823	3,58240,42980	11,35856	3873	3,58804,74970	11,21194
3774	3,57680,18958	11,50602	3824	3,58251,78836	11,35559	3874	3,58815,96164	11,20904
3775	3,57691,69560	11,50296	3825	3,58263,14395	11,35262	3875	3,58827,17068	11,20616
3776	3,57703,19856	11,49992	3826	3,58274,49657	11,34965	3876	3,58838,37684	11,20326
3777	3,57714,69848	11,49688	3827	3,58285,84622	11,34669	3877	3,58849,58010	11,20037
3778	3,57726,19536	11,49383	3828	3,58297,19291	11,34372	3878	3,58860,78047	11,19749
3779	3,57737,68919	11,49079	3829	3,58308,53663	11,34077	3879	3,58871,97796	11,19460
3780	3,57749,17998	11,48776	3830	3,58319,87740	11,33780	3880	3,58883,17256	11,19171
3781	3,57760,66774	11,48471	3831	3,58331,21520	11,33484	3881	3,58894,36427	11,18884
3782	3,57772,15245	11,48168	3832	3,58342,55004	11,33189	3882	3,58905,55311	11,18594
3783	3,57783,63413	11,47864	3833	3,58353,88193	11,32892	3883	3,58916,73905	11,18307
3784	3,57795,11277	11,47561	3834	3,58365,21085	11,32598	3884	3,58927,92212	11,18019
3785	3,57806,58838	11,47258	3835	3,58376,53683	11,32302	3885	3,58939,10231	11,17732
3786	3,57818,06096	11,46955	3836	3,58387,85985	11,32007	3886	3,58950,27963	11,17443
3787	3,57829,53051	11,46652	3837	3,58399,17992	11,31712	3887	3,58961,45406	11,17157
3788	3,57840,99703	11,46350	3838	3,58410,49704	11,31417	3888	3,58972,62563	11,16868
3789	3,57852,46053	11,46047	3839	3,58421,81121	11,31123	3889	3,58983,79431	11,16582
3790	3,57863,92100	11,45744	3840	3,58433,12244	11,30828	3890	3,58994,96013	11,16295
3791	3,57875,37844	11,45443	3841	3,58444,43072	11,30533	3891	3,59006,12308	11,16008
3792	3,57886,83287	11,45140	3842	3,58455,73605	11,30240	3892	3,59017,28316	11,15721
3793	3,57898,28427	11,44839	3843	3,58467,03845	11,29945	3893	3,59028,44037	11,15435
3794	3,57909,73266	11,44536	3844	3,58478,33790	11,29651	3894	3,59039,59472	11,15148
3795	3,57921,17802	11,44236	3845	3,58489,63441	11,29358	3895	3,59050,74620	11,14862
3796	3,57932,62038	11,43933	3846	3,58500,92799	11,29064	3896	3,59061,89482	11,14576
3797	3,57944,05971	11,43633	3847	3,58512,21863	11,28771	3897	3,59073,04058	11,14290
3798	3,57955,49604	11,43332	3848	3,58523,50634	11,28477	3898	3,59084,18348	11,14004
3799	3,57966,92936	11,43030	3849	3,58534,79111	11,28184	3899	3,59095,32352	11,13718
3800	3,57978,35966	11,42730	3850	3,58546,07295	11,27891	3900	3,59106,46070	11,13433

Chilias 4.

Chilias 4.

Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
3901	3,59117,59503	11,13148	3951	3,59670,70297	10,99062	4001	3,60216,85514	10,85329
3902	3,59128,72651	11,12862	3952	3,59681,69359	10,98784	4002	3,60227,70843	10,85058
3903	3,59139,85513	11,12577	3953	3,59692,68143	10,98507	4003	3,60238,55901	10,84787
3904	3,59150,98090	11,12292	3954	3,59703,66650	10,98228	4004	3,60249,40688	10,84516
3905	3,59162,10382	11,12008	3955	3,59714,64878	10,97951	4005	3,60260,25204	10,84246
3906	3,59173,22390	11,11722	3956	3,59725,62829	10,97674	4006	3,60271,09450	10,83974
3907	3,59184,34112	11,11438	3957	3,59736,60503	10,97396	4007	3,60281,93424	10,83705
3908	3,59195,45550	11,11154	3958	3,59747,57899	10,97119	4008	3,60292,77129	10,83434
3909	3,59206,56704	11,10870	3959	3,59758,55018	10,96841	4009	3,60303,60563	10,83163
3910	3,59217,67574	11,10586	3960	3,59769,51859	10,96565	4010	3,60314,43726	10,82894
3911	3,59228,78160	11,10301	3961	3,59780,48424	10,96288	4011	3,60325,26620	10,82623
3912	3,59239,88461	11,10018	3962	3,59791,44712	10,96011	4012	3,60336,09243	10,82354
3913	3,59250,98479	11,09734	3963	3,59802,40723	10,95735	4013	3,60346,91597	10,82085
3914	3,59262,08213	11,09451	3964	3,59813,36458	10,95459	4014	3,60357,73682	10,81814
3915	3,59273,17664	11,09167	3965	3,59824,31917	10,95182	4015	3,60368,55496	10,81545
3916	3,59284,26831	11,08884	3966	3,59835,27099	10,94906	4016	3,60379,37041	10,81276
3917	3,59295,35715	11,08602	3967	3,59846,22005	10,94630	4017	3,60390,18317	10,81007
3918	3,59306,44317	11,08318	3968	3,59857,16635	10,94354	4018	3,60400,99324	10,80738
3919	3,59317,52635	11,08035	3969	3,59868,10989	10,94079	4019	3,60411,80062	10,80469
3920	3,59328,60670	11,07753	3970	3,59879,05068	10,93803	4020	3,60422,60531	10,80200
3921	3,59339,68423	11,07470	3971	3,59889,98871	10,93527	4021	3,60433,40731	10,79932
3922	3,59350,75893	11,07188	3972	3,59900,92398	10,93253	4022	3,60444,20663	10,79663
3923	3,59361,83081	11,06906	3973	3,59911,85651	10,92977	4023	3,60455,00326	10,79394
3924	3,59372,89987	11,06624	3974	3,59922,78628	10,92702	4024	3,60465,79720	10,79127
3925	3,59383,96611	11,06342	3975	3,59933,71330	10,92427	4025	3,60476,58847	10,78859
3926	3,59395,02953	11,06060	3976	3,59944,63757	10,92153	4026	3,60487,37706	10,78590
3927	3,59406,09013	11,05778	3977	3,59955,55910	10,91878	4027	3,60498,16296	10,78323
3928	3,59417,14791	11,05497	3978	3,59966,47788	10,91603	4028	3,60508,94619	10,78055
3929	3,59428,20288	11,05216	3979	3,59977,39391	10,91330	4029	3,60519,72674	10,77787
3930	3,59439,25504	11,04934	3980	3,59988,30721	10,91055	4030	3,60530,50461	10,77521
3931	3,59450,30438	11,04654	3981	3,59999,21776	10,90781	4031	3,60541,27982	10,77252
3932	3,59461,35092	11,04372	3982	3,60010,12557	10,90507	4032	3,60552,05234	10,76986
3933	3,59472,39464	11,04092	3983	3,60021,03064	10,90234	4033	3,60562,82220	10,76719
3934	3,59483,43556	11,03811	3984	3,60031,93298	10,89959	4034	3,60573,58939	10,76452
3935	3,59494,47367	11,03531	3985	3,60042,83257	10,89687	4035	3,60584,35391	10,76185
3936	3,59505,50898	11,03250	3986	3,60053,72944	10,89413	4036	3,60595,11576	10,75918
3937	3,59516,54148	11,02970	3987	3,60064,62357	10,89139	4037	3,60605,87494	10,75652
3938	3,59527,57118	11,02690	3988	3,60075,51496	10,88867	4038	3,60616,63146	10,75386
3939	3,59538,59808	11,02410	3989	3,60086,40363	10,88594	4039	3,60627,38532	10,75119
3940	3,59549,62218	11,02131	3990	3,60097,28957	10,88321	4040	3,60638,13651	10,74853
3941	3,59560,64349	11,01850	3991	3,60108,17278	10,88048	4041	3,60648,88504	10,74588
3942	3,59571,66199	11,01572	3992	3,60119,05326	10,87776	4042	3,60659,63092	10,74321
3943	3,59582,67771	11,01292	3993	3,60129,93102	10,87503	4043	3,60670,37413	10,74056
3944	3,59593,69063	11,01012	3994	3,60140,80605	10,87232	4044	3,60681,11469	10,73790
3945	3,59604,70075	11,00734	3995	3,60151,67837	10,86959	4045	3,60691,85259	10,73525
3946	3,59615,70809	11,00455	3996	3,60162,54796	10,86687	4046	3,60702,58784	10,73260
3947	3,59626,71264	11,00176	3997	3,60173,41483	10,86415	4047	3,60713,32044	10,72994
3948	3,59637,71440	10,99897	3998	3,60184,27898	10,86143	4048	3,60724,05038	10,72730
3949	3,59648,71337	10,99619	3999	3,60195,14041	10,85872	4049	3,60734,77768	10,72464
3950	3,59659,70956	10,99341	4000	3,60205,99913	10,85601	4050	3,60745,50232	10,72200

Chilias 5.

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Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4051	3,60756,22432	10,71935 10,71670 10,71407 10,71141 10,70878	4101	3,61288,97693	10,58867 10,58610 10,58351 10,58094 10,57835	4151	3,61815,27334	10,46114 10,45863 10,45611 10,45359 10,45108
4052	3,60766,94367		4102	3,61299,56560		4152	3,61825,73448	
4053	3,60777,66037		4103	3,61310,15170		4153	3,61836,19311	
4054	3,60788,37444		4104	3,61320,73521		4154	3,61846,64922	
4055	3,60799,08585		4105	3,61331,31615		4155	3,61857,10281	
4056	3,60809,79463	10,70614 10,70350 10,70086 10,69823 10,69559	4106	3,61341,89450	10,57579 10,57320 10,57064 10,56806 10,56549	4156	3,61867,55389	10,44856 10,44605 10,44354 10,44102 10,43852
4057	3,60820,50077		4107	3,61352,47029		4157	3,61878,00245	
4058	3,60831,20427		4108	3,61363,04349		4158	3,61888,44850	
4059	3,60841,90513		4109	3,61373,61413		4159	3,61898,89204	
4060	3,60852,60336		4110	3,61384,18219		4160	3,61909,33306	
4061	3,60863,29895	10,69296 10,69032 10,68770 10,68506 10,68244	4111	3,61394,74768	10,56292 10,56035 10,55779 10,55521 10,55266	4161	3,61919,77158	10,43601 10,43350 10,43099 10,42849 10,42599
4062	3,60873,99191		4112	3,61405,31060		4162	3,61930,20759	
4063	3,60884,68223		4113	3,61415,87095		4163	3,61940,64109	
4064	3,60895,36993		4114	3,61426,42874		4164	3,61951,07208	
4065	3,60906,05499		4115	3,61436,98395		4165	3,61961,50057	
4066	3,60916,73743	10,67981 10,67719 10,67456 10,67193 10,66932	4116	3,61447,53661	10,55009 10,54753 10,54497 10,54240 10,53985	4166	3,61971,92656	10,42349 10,42098 10,41848 10,41599 10,41348
4067	3,60927,41724		4117	3,61458,08670		4167	3,61982,35005	
4068	3,60938,09443		4118	3,61468,63423		4168	3,61992,77103	
4069	3,60948,76899		4119	3,61479,17920		4169	3,62003,18951	
4070	3,60959,44092		4120	3,61489,72160		4170	3,62013,60550	
4071	3,60970,11024	10,66669 10,66408 10,66146 10,65884 10,65622	4121	3,61500,26145	10,53729 10,53474 10,53218 10,52963 10,52707	4171	3,62024,01898	10,41100 10,40849 10,40600 10,40351 10,40102
4072	3,60980,77693		4122	3,61510,79874		4172	3,62034,42998	
4073	3,60991,44101		4123	3,61521,33348		4173	3,62044,83847	
4074	3,61002,10247		4124	3,61531,86566		4174	3,62055,24447	
4075	3,61012,76131		4125	3,61542,39529		4175	3,62065,64798	
4076	3,61023,41753	10,65362 10,65099 10,64839 10,64578 10,64317	4126	3,61552,92236	10,52453 10,52197 10,51943 10,51688 10,51433	4176	3,62076,04900	10,39853 10,39603 10,39355 10,39107 10,38858
4077	3,61034,07115		4127	3,61563,44689		4177	3,62086,44753	
4078	3,61044,72214		4128	3,61573,96886		4178	3,62096,84356	
4079	3,61055,37053		4129	3,61584,48829		4179	3,62107,23711	
4080	3,61066,01631		4130	3,61595,00517		4180	3,62117,62818	
4081	3,61076,65948	10,64056 10,63795 10,63535 10,63275 10,63014	4131	3,61605,51950	10,51178 10,50925 10,50670 10,50416 10,50162	4181	3,62128,01676	10,38609 10,38361 10,38113 10,37864 10,37617
4082	3,61087,30004		4132	3,61616,03128		4182	3,62138,40285	
4083	3,61097,93799		4133	3,61626,54053		4183	3,62148,78646	
4084	3,61108,57334		4134	3,61637,04723		4184	3,62159,16759	
4085	3,61119,20609		4135	3,61647,55139		4185	3,62169,54623	
4086	3,61129,83623	10,62754 10,62494 10,62235 10,61974 10,61715	4136	3,61658,05301	10,49908 10,49654 10,49401 10,49147 10,48894	4186	3,62179,92240	10,37369 10,37121 10,36874 10,36626 10,36378
4087	3,61140,46377		4137	3,61668,55209		4187	3,62190,29609	
4088	3,61151,08871		4138	3,61679,04863		4188	3,62200,66730	
4089	3,61161,71106		4139	3,61689,54264		4189	3,62211,03604	
4090	3,61172,33080		4140	3,61700,03411		4190	3,62221,40230	
4091	3,61182,94795	10,61455 10,61196 10,60937 10,60678 10,60419	4141	3,61710,52305	10,48641 10,48387 10,48134 10,47882 10,47629	4191	3,62231,76608	10,36132 10,35884 10,35637 10,35391 10,35143
4092	3,61193,56250		4142	3,61721,00946		4192	3,62242,12740	
4093	3,61204,17446		4143	3,61731,49333		4193	3,62252,48624	
4094	3,61214,78383		4144	3,61741,97467		4194	3,62262,84261	
4095	3,61225,39061		4145	3,61752,45349		4195	3,62273,19652	
4096	3,61235,99480	10,60160 10,59901 10,59642 10,59384 10,59126	4146	3,61762,92978	10,47376 10,47123 10,46871 10,46619 10,46367	4196	3,62283,54795	10,34897 10,34650 10,34404 10,34158 10,33911
4097	3,61246,59640		4147	3,61773,40354		4197	3,62293,89692	
4098	3,61257,19541		4148	3,61783,87477		4198	3,62304,24342	
4099	3,61267,79183		4149	3,61794,34348		4199	3,62314,58746	
4100	3,61278,38567		4150	3,61804,80967		4200	3,62324,92904	

Chilias 5.

Chilias 5.

Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4201	3,62335,26815	10,33666 10,33419 10,33174 10,32927 10,32683	4251	3,62849,11050	10,21509 10,21268 10,21029 10,20788 10,20549	4301	3,63356,94426	10,09635 10,09400 10,09166 10,08931 10,08697
4202	3,62345,60481		4252	3,62859,32559		4302	3,63367,04061	
4203	3,62355,93900		4253	3,62869,53827		4303	3,63377,13461	
4204	3,62366,27074		4254	3,62879,74856		4304	3,63387,22627	
4205	3,62376,60001		4255	3,62889,95644		4305	3,63397,31558	
4206	3,62386,92684	10,32436 10,32191 10,31946 10,31701 10,31456	4256	3,62900,16193	10,20309 10,20069 10,19830 10,19590 10,19351	4306	3,63407,40255	10,08463 10,08228 10,07995 10,07761 10,07527
4207	3,62397,25120		4257	3,62910,36502		4307	3,63417,48718	
4208	3,62407,57311		4258	3,62920,56571		4308	3,63427,56946	
4209	3,62417,89257		4259	3,62930,76401		4309	3,63437,64941	
4210	3,62428,20958		4260	3,62940,95991		4310	3,63447,72702	
4211	3,62438,52414	10,31211 10,30966 10,30722 10,30477 10,30232	4261	3,62951,15342	10,19112 10,18872 10,18634 10,18395 10,18156	4311	3,63457,80229	10,07293 10,07059 10,06827 10,06593 10,06359
4212	3,62448,83625		4262	3,62961,34454		4312	3,63467,87522	
4213	3,62459,14591		4263	3,62971,53326		4313	3,63477,94581	
4214	3,62469,45313		4264	3,62981,71960		4314	3,63488,01408	
4215	3,62479,75790		4265	3,62991,90355		4315	3,63498,08001	
4216	3,62490,06022	10,29988 10,29744 10,29500 10,29256 10,29012	4266	3,63002,08511	10,17918 10,17679 10,17440 10,17202 10,16964	4316	3,63508,14360	10,06127 10,05893 10,05660 10,05428 10,05195
4217	3,62500,36010		4267	3,63012,26429		4317	3,63518,20487	
4218	3,62510,65754		4268	3,63022,44108		4318	3,63528,26380	
4219	3,62520,95254		4269	3,63032,61548		4319	3,63538,32040	
4220	3,62531,24510		4270	3,63042,78750		4320	3,63548,37468	
4221	3,62541,53522	10,28768 10,28524 10,28281 10,28038 10,27794	4271	3,63052,95714	10,16726 10,16488 10,16250 10,16013 10,15774	4321	3,63558,42663	10,04962 10,04730 10,04498 10,04265 10,04033
4222	3,62551,82290		4272	3,63063,12440		4322	3,63568,47625	
4223	3,62562,10814		4273	3,63073,28928		4323	3,63578,52355	
4224	3,62572,39095		4274	3,63083,45178		4324	3,63588,56853	
4225	3,62582,67133		4275	3,63093,61191		4325	3,63598,61118	
4226	3,62592,94927	10,27551 10,27308 10,27065 10,26823 10,26579	4276	3,63103,76965	10,15538 10,15299 10,15063 10,14825 10,14588	4326	3,63608,65151	10,03801 10,03569 10,03337 10,03106 10,02873
4227	3,62603,22478		4277	3,63113,92503		4327	3,63618,68952	
4228	3,62613,49786		4278	3,63124,07802		4328	3,63628,72521	
4229	3,62623,76851		4279	3,63134,22865		4329	3,63638,75858	
4230	3,62634,03674		4280	3,63144,37690		4330	3,63648,78964	
4231	3,62644,30253	10,26337 10,26095 10,25852 10,25610 10,25367	4281	3,63154,52278	10,14352 10,14114 10,13878 10,13641 10,13404	4331	3,63658,81837	10,02643 10,02410 10,02180 10,01948 10,01717
4232	3,62654,56590		4282	3,63164,66630		4332	3,63668,84480	
4233	3,62664,82685		4283	3,63174,80744		4333	3,63678,86890	
4234	3,62675,08537		4284	3,63184,94622		4334	3,63688,89070	
4235	3,62685,34147		4285	3,63195,08263		4335	3,63698,91018	
4236	3,62695,59514	10,25126 10,24884 10,24642 10,24400 10,24159	4286	3,63205,21667	10,13168 10,12932 10,12695 10,12460 10,12223	4336	3,63708,92735	10,01486 10,01256 10,01024 10,00794 10,00563
4237	3,62705,84640		4287	3,63215,34835		4337	3,63718,94221	
4238	3,62716,09524		4288	3,63225,47767		4338	3,63728,95477	
4239	3,62726,34166		4289	3,63235,60462		4339	3,63738,96501	
4240	3,62736,58566		4290	3,63245,72922		4340	3,63748,97295	
4241	3,62746,82725	10,23917 10,23676 10,23434 10,23194 10,22952	4291	3,63255,85145	10,11988 10,11752 10,11516 10,11281 10,11045	4341	3,63758,97858	10,00333 10,00103 9,99872 9,99642 9,99412
4242	3,62757,06642		4292	3,63265,97133		4342	3,63768,98191	
4243	3,62767,30318		4293	3,63276,08885		4343	3,63778,98294	
4244	3,62777,53752		4294	3,63286,20401		4344	3,63788,98166	
4245	3,62787,76946		4295	3,63296,31682		4345	3,63798,97808	
4246	3,62797,99898	10,22712 10,22471 10,22230 10,21990 10,21749	4296	3,63306,42727	10,10810 10,10575 10,10339 10,10105 10,09870	4346	3,63808,97220	9,99182 9,98952 9,98723 9,98493 9,98263
4247	3,62808,22610		4297	3,63316,53537		4347	3,63818,96402	
4248	3,62818,45081		4298	3,63326,64112		4348	3,63828,95354	
4249	3,62828,67311		4299	3,63336,74451		4349	3,63838,94077	
4250	3,62838,89301		4300	3,63346,84556		4350	3,63848,92570	

Chilias 5.

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Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4351	3,63858,90833	9,98034	4401	3,64355,13686	9,86696	4451	3,64845,75943	9,75614
4352	3,63868,88867	9,97805	4402	3,64365,00382	9,86473	4452	3,64855,51557	9,75394
4353	3,63878,86672	9,97575	4403	3,64374,86855	9,86248	4453	3,64865,26951	9,75176
4354	3,63888,84247	9,97346	4404	3,64384,73103	9,86024	4454	3,64875,02127	9,74957
4355	3,63898,81593	9,97118	4405	3,64394,59127	9,85801	4455	3,64884,77084	9,74738
4356	3,63908,78711	9,96888	4406	3,64404,44928	9,85577	4456	3,64894,51822	9,74519
4357	3,63918,75599	9,96660	4407	3,64414,30505	9,85353	4457	3,64904,26341	9,74300
4358	3,63928,72259	9,96431	4408	3,64424,15858	9,85130	4458	3,64914,00641	9,74082
4359	3,63938,68690	9,96203	4409	3,64434,00988	9,84907	4459	3,64923,74723	9,73864
4360	3,63948,64893	9,95974	4410	3,64443,85895	9,84683	4460	3,64933,48587	9,73645
4361	3,63958,60867	9,95745	4411	3,64453,70578	9,84460	4461	3,64943,22232	9,73427
4362	3,63968,56612	9,95518	4412	3,64463,55038	9,84236	4462	3,64952,95659	9,73209
4363	3,63978,52130	9,95289	4413	3,64473,39274	9,84014	4463	3,64962,68868	9,72991
4364	3,63988,47419	9,95061	4414	3,64483,23288	9,83791	4464	3,64972,41859	9,72773
4365	3,63998,42480	9,94834	4415	3,64493,07079	9,83568	4465	3,64982,14632	9,72555
4366	3,64008,37314	9,94605	4416	3,64502,90647	9,83346	4466	3,64991,87187	9,72338
4367	3,64018,31919	9,94378	4417	3,64512,73993	9,83122	4467	3,65001,59525	9,72119
4368	3,64028,26297	9,94150	4418	3,64522,57115	9,82901	4468	3,65011,31644	9,71903
4369	3,64038,20447	9,93923	4419	3,64532,40016	9,82677	4469	3,65021,03547	9,71684
4370	3,64048,14370	9,93695	4420	3,64542,22693	9,82456	4470	3,65030,75231	9,71468
4371	3,64058,08065	9,93468	4421	3,64552,05149	9,82233	4471	3,65040,46699	9,71250
4372	3,64068,01533	9,93240	4422	3,64561,87382	9,82012	4472	3,65050,17949	9,71033
4373	3,64077,94773	9,93014	4423	3,64571,69394	9,81789	4473	3,65059,88982	9,70816
4374	3,64087,87787	9,92787	4424	3,64581,51183	9,81567	4474	3,65069,59798	9,70599
4375	3,64097,80574	9,92559	4425	3,64591,32750	9,81346	4475	3,65079,30397	9,70382
4376	3,64107,73133	9,92333	4426	3,64601,14096	9,81124	4476	3,65089,00779	9,70165
4377	3,64117,65466	9,92106	4427	3,64610,95220	9,80902	4477	3,65098,70944	9,69948
4378	3,64127,57572	9,91880	4428	3,64620,76122	9,80681	4478	3,65108,40892	9,69732
4379	3,64137,49452	9,91653	4429	3,64630,56803	9,80459	4479	3,65118,10624	9,69516
4380	3,64147,41105	9,91427	4430	3,64640,37262	9,80238	4480	3,65127,80140	9,69299
4381	3,64157,32532	9,91200	4431	3,64650,17500	9,80017	4481	3,65137,49439	9,69083
4382	3,64167,23732	9,90975	4432	3,64659,97517	9,79796	4482	3,65147,18522	9,68867
4383	3,64177,14707	9,90748	4433	3,64669,77313	9,79575	4483	3,65156,87389	9,68650
4384	3,64187,05455	9,90522	4434	3,64679,56888	9,79354	4484	3,65166,56039	9,68435
4385	3,64196,95977	9,90296	4435	3,64689,36242	9,79133	4485	3,65176,24474	9,68218
4386	3,64206,86273	9,90071	4436	3,64699,15375	9,78912	4486	3,65185,92692	9,68003
4387	3,64216,76344	9,89845	4437	3,64708,94287	9,78692	4487	3,65195,60695	9,67787
4388	3,64226,66189	9,89619	4438	3,64718,72979	9,78471	4488	3,65205,28482	9,67572
4389	3,64236,55808	9,89394	4439	3,64728,51450	9,78251	4489	3,65214,96054	9,67356
4390	3,64246,45202	9,89169	4440	3,64738,29701	9,78031	4490	3,65224,63410	9,67141
4391	3,64256,34371	9,88943	4441	3,64748,07732	9,77810	4491	3,65234,30551	9,66925
4392	3,64266,23314	9,88719	4442	3,64757,85542	9,77590	4492	3,65243,97476	9,66710
4393	3,64276,12033	9,88493	4443	3,64767,63132	9,77371	4493	3,65253,64186	9,66495
4394	3,64286,00526	9,88268	4444	3,64777,40503	9,77150	4494	3,65263,30681	9,66280
4395	3,64295,88794	9,88044	4445	3,64787,17653	9,76931	4495	3,65272,96961	9,66065
4396	3,64305,76838	9,87818	4446	3,64796,94584	9,76710	4496	3,65282,63026	9,65850
4397	3,64315,64656	9,87594	4447	3,64806,71294	9,76492	4497	3,65292,28876	9,65635
4398	3,64325,52250	9,87370	4448	3,64816,47786	9,76271	4498	3,65301,94511	9,65421
4399	3,64335,39620	9,87145	4449	3,64826,24057	9,76053	4499	3,65311,59932	9,65206
4400	3,64345,26765	9,86921	4450	3,64836,00110	9,75833	4500	3,65321,25138	9,64991

Chilias 5.

Chilias 5.

Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4501	3,65330,90129	9,64778	4551	3,65810,68355	9,54179	4601	3,66285,22333	9,43810
4502	3,65340,54907	9,64563	4552	3,65820,22534	9,53969	4602	3,66294,66143	9,43606
4503	3,65350,19470	9,64348	4553	3,65829,76503	9,53760	4603	3,66304,09749	9,43401
4504	3,65359,83818	9,64135	4554	3,65839,30263	9,53550	4604	3,66313,53150	9,43195
4505	3,65369,47953	9,63921	4555	3,65848,83813	9,53341	4605	3,66322,96345	9,42991
4506	3,65379,11874	9,63707	4556	3,65858,37154	9,53132	4606	3,66332,39336	9,42787
4507	3,65388,75581	9,63493	4557	3,65867,90286	9,52922	4607	3,66341,82123	9,42581
4508	3,65398,39074	9,63279	4558	3,65877,43208	9,52714	4608	3,66351,24704	9,42377
4509	3,65408,02353	9,63066	4559	3,65886,95922	9,52505	4609	3,66360,67081	9,42173
4510	3,65417,65419	9,62852	4560	3,65896,48427	9,52295	4610	3,66370,09254	9,41968
4511	3,65427,28271	9,62639	4561	3,65906,00722	9,52087	4611	3,66379,51222	9,41764
4512	3,65436,90910	9,62425	4562	3,65915,52809	9,51879	4612	3,66388,92986	9,41560
4513	3,65446,53335	9,62212	4563	3,65925,04688	9,51669	4613	3,66398,34546	9,41356
4514	3,65456,15547	9,61999	4564	3,65934,56357	9,51462	4614	3,66407,75902	9,41152
4515	3,65465,77546	9,61787	4565	3,65944,07819	9,51253	4615	3,66417,17054	9,40947
4516	3,65475,39333	9,61573	4566	3,65953,59072	9,51044	4616	3,66426,58001	9,40745
4517	3,65485,00906	9,61360	4567	3,65963,10116	9,50836	4617	3,66435,98746	9,40540
4518	3,65494,62266	9,61147	4568	3,65972,60952	9,50629	4618	3,66445,39286	9,40336
4519	3,65504,23413	9,60935	4569	3,65982,11581	9,50420	4619	3,66454,79622	9,40134
4520	3,65513,84348	9,60722	4570	3,65991,62001	9,50212	4620	3,66464,19756	9,39929
4521	3,65523,45070	9,60510	4571	3,66001,12213	9,50004	4621	3,66473,59685	9,39726
4522	3,65533,05580	9,60297	4572	3,66010,62217	9,49797	4622	3,66482,99411	9,39523
4523	3,65542,65877	9,60086	4573	3,66020,12014	9,49589	4623	3,66492,38934	9,39320
4524	3,65552,25963	9,59872	4574	3,66029,61603	9,49381	4624	3,66501,78254	9,39117
4525	3,65561,85835	9,59661	4575	3,66039,10984	9,49174	4625	3,66511,17371	9,38913
4526	3,65571,45496	9,59449	4576	3,66048,60158	9,48966	4626	3,66520,56284	9,38711
4527	3,65581,04945	9,59237	4577	3,66058,09124	9,48759	4627	3,66529,94995	9,38508
4528	3,65590,64182	9,59025	4578	3,66067,57883	9,48552	4628	3,66539,33503	9,38305
4529	3,65600,23207	9,58813	4579	3,66077,06435	9,48345	4629	3,66548,71808	9,38102
4530	3,65609,82020	9,58602	4580	3,66086,54780	9,48138	4630	3,66558,09910	9,37900
4531	3,65619,40622	9,58390	4581	3,66096,02918	9,47931	4631	3,66567,47810	9,37697
4532	3,65628,99012	9,58179	4582	3,66105,50849	9,47723	4632	3,66576,85507	9,37495
4533	3,65638,57191	9,57967	4583	3,66114,98572	9,47518	4633	3,66586,23002	9,37293
4534	3,65648,15158	9,57756	4584	3,66124,46090	9,47310	4634	3,66595,60295	9,37090
4535	3,65657,72914	9,57545	4585	3,66133,93400	9,47104	4635	3,66604,97385	9,36888
4536	3,65667,30459	9,57334	4586	3,66143,40504	9,46897	4636	3,66614,34273	9,36686
4537	3,65676,87793	9,57122	4587	3,66152,87401	9,46691	4637	3,66623,70959	9,36484
4538	3,65686,44915	9,56912	4588	3,66162,34092	9,46485	4638	3,66633,07443	9,36282
4539	3,65696,01827	9,56702	4589	3,66171,80577	9,46278	4639	3,66642,43725	9,36081
4540	3,65705,58529	9,56490	4590	3,66181,26855	9,46073	4640	3,66651,79806	9,35878
4541	3,65715,15019	9,56280	4591	3,66190,72928	9,45866	4641	3,66661,15684	9,35677
4542	3,65724,71299	9,56069	4592	3,66200,18794	9,45660	4642	3,66670,51361	9,35476
4543	3,65734,27368	9,55859	4593	3,66209,64454	9,45455	4643	3,66679,86837	9,35274
4544	3,65743,83227	9,55649	4594	3,66219,09909	9,45248	4644	3,66689,22111	9,35072
4545	3,65753,38876	9,55438	4595	3,66228,55157	9,45043	4645	3,66698,57183	9,34872
4546	3,65762,94314	9,55228	4596	3,66238,00200	9,44838	4646	3,66707,92055	9,34670
4547	3,65772,49542	9,55018	4597	3,66247,45038	9,44631	4647	3,66717,26725	9,34469
4548	3,65782,04560	9,54808	4598	3,66256,89669	9,44427	4648	3,66726,61194	9,34268
4549	3,65791,59368	9,54599	4599	3,66266,34096	9,44221	4649	3,66735,95462	9,34067
4550	3,65801,13967	9,54388	4600	3,66275,78317	9,44016	4650	3,66745,29529	9,33866

Chilias 5.

Chilias 5.

Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4651	3,66754,63395	9,33666	4701	3,67219,02512	9,23736	4751	3,67678,50304	9,14016
4652	3,66763,97061	9,33464	4702	3,67228,26248	9,23539	4752	3,67687,64320	9,13823
4653	3,66773,30525	9,33265	4703	3,67237,49787	9,23344	4753	3,67696,78143	9,13631
4654	3,66782,63790	9,33063	4704	3,67246,73131	9,23147	4754	3,67705,91774	9,13439
4655	3,66791,96853	9,32863	4705	3,67255,96278	9,22950	4755	3,67715,05213	9,13246
4656	3,66801,29716	9,32663	4706	3,67265,19228	9,22755	4756	3,67724,18459	9,13055
4657	3,66810,62379	9,32463	4707	3,67274,41983	9,22559	4757	3,67733,31514	9,12863
4658	3,66819,94842	9,32262	4708	3,67283,64542	9,22362	4758	3,67742,44377	9,12671
4659	3,66829,27104	9,32063	4709	3,67292,86904	9,22167	4759	3,67751,57048	9,12479
4660	3,66838,59167	9,31862	4710	3,67302,09071	9,21971	4760	3,67760,69527	9,12288
4661	3,66847,91029	9,31663	4711	3,67311,31042	9,21776	4761	3,67769,81815	9,12096
4662	3,66857,22692	9,31463	4712	3,67320,52818	9,21580	4762	3,67778,93911	9,11904
4663	3,66866,54155	9,31263	4713	3,67329,74398	9,21384	4763	3,67788,05815	9,11713
4664	3,66875,85418	9,31063	4714	3,67338,95782	9,21189	4764	3,67797,17528	9,11522
4665	3,66885,16481	9,30864	4715	3,67348,16971	9,20993	4765	3,67806,29050	9,11330
4666	3,66894,47345	9,30664	4716	3,67357,37964	9,20798	4766	3,67815,40380	9,11139
4667	3,66903,78009	9,30465	4717	3,67366,58762	9,20603	4767	3,67824,51519	9,10948
4668	3,66913,08474	9,30265	4718	3,67375,79365	9,20408	4768	3,67833,62467	9,10757
4669	3,66922,38739	9,30067	4719	3,67384,99773	9,20213	4769	3,67842,73224	9,10566
4670	3,66931,68806	9,29867	4720	3,67394,19986	9,20018	4770	3,67851,83790	9,10376
4671	3,66940,98673	9,29668	4721	3,67403,40004	9,19823	4771	3,67860,94166	9,10184
4672	3,66950,28341	9,29469	4722	3,67412,59827	9,19629	4772	3,67870,04350	9,09994
4673	3,66959,57810	9,29271	4723	3,67421,79456	9,19433	4773	3,67879,14344	9,09803
4674	3,66968,87081	9,29071	4724	3,67430,98889	9,19239	4774	3,67888,24147	9,09612
4675	3,66978,16152	9,28873	4725	3,67440,18128	9,19045	4775	3,67897,33759	9,09422
4676	3,66987,45025	9,28674	4726	3,67449,37173	9,18850	4776	3,67906,43181	9,09232
4677	3,66996,73699	9,28476	4727	3,67458,56023	9,18656	4777	3,67915,52413	9,09041
4678	3,67006,02175	9,28277	4728	3,67467,74679	9,18461	4778	3,67924,61454	9,08851
4679	3,67015,30452	9,28079	4729	3,67476,93140	9,18267	4779	3,67933,70305	9,08661
4680	3,67024,58531	9,27880	4730	3,67486,11407	9,18073	4780	3,67942,78966	9,08471
4681	3,67033,86411	9,27683	4731	3,67495,29480	9,17880	4781	3,67951,87437	9,08281
4682	3,67043,14094	9,27484	4732	3,67504,47360	9,17685	4782	3,67960,95718	9,08091
4683	3,67052,41578	9,27286	4733	3,67513,65045	9,17491	4783	3,67970,03809	9,07901
4684	3,67061,68864	9,27088	4734	3,67522,82536	9,17297	4784	3,67979,11710	9,07711
4685	3,67070,95952	9,26891	4735	3,67531,99833	9,17104	4785	3,67988,19421	9,07522
4686	3,67080,22843	9,26692	4736	3,67541,16937	9,16910	4786	3,67997,26943	9,07332
4687	3,67089,49535	9,26495	4737	3,67550,33847	9,16717	4787	3,68006,34275	9,07142
4688	3,67098,76030	9,26297	4738	3,67559,50564	9,16523	4788	3,68015,41417	9,06953
4689	3,67108,02327	9,26100	4739	3,67568,67087	9,16330	4789	3,68024,48370	9,06764
4690	3,67117,28427	9,25902	4740	3,67577,83417	9,16136	4790	3,68033,55134	9,06575
4691	3,67126,54329	9,25705	4741	3,67586,99553	9,15943	4791	3,68042,61709	9,06385
4692	3,67135,80034	9,25508	4742	3,67596,15496	9,15751	4792	3,68051,68094	9,06196
4693	3,67145,05542	9,25311	4743	3,67605,31247	9,15557	4793	3,68060,74290	9,06007
4694	3,67154,30853	9,25113	4744	3,67614,46804	9,15364	4794	3,68069,80297	9,05818
4695	3,67163,55966	9,24916	4745	3,67623,62168	9,15171	4795	3,68078,86115	9,05629
4696	3,67172,80882	9,24720	4746	3,67632,77339	9,14978	4796	3,68087,91744	9,05441
4697	3,67182,05602	9,24522	4747	3,67641,92317	9,14786	4797	3,68096,97185	9,05251
4698	3,67191,30124	9,24326	4748	3,67651,07103	9,14593	4798	3,68106,02436	9,05063
4699	3,67200,54450	9,24129	4749	3,67660,21696	9,14400	4799	3,68115,07499	9,04875
4700	3,67209,78579	9,23933	4750	3,67669,36096	9,14208	4800	3,68124,12374	9,04686

Chilias 5.

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Chilias 5.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4801	3,68133,17060	9,04497	4851	3,68583,12746	8,95176	4901	3,69028,47025	8,86044
4802	3,68142,21557	9,04309	4852	3,68592,07922	8,94991	4902	3,69037,33069	8,85863
4803	3,68151,25866	9,04121	4853	3,68601,02913	8,94807	4903	3,69046,18932	8,85683
4804	3,68160,29987	9,03933	4854	3,68609,97720	8,94622	4904	3,69055,04615	8,85502
4805	3,68169,33920	9,03745	4855	3,68618,92342	8,94439	4905	3,69063,90117	8,85322
4806	3,68178,37665	9,03556	4856	3,68627,86781	8,94254	4906	3,69072,75439	8,85141
4807	3,68187,41221	9,03369	4857	3,68636,81035	8,94070	4907	3,69081,60580	8,84961
4808	3,68196,44590	9,03181	4858	3,68645,75105	8,93886	4908	3,69090,45541	8,84780
4809	3,68205,47771	9,02993	4859	3,68654,68991	8,93702	4909	3,69099,30321	8,84600
4810	3,68214,50764	9,02805	4860	3,68663,62693	8,93518	4910	3,69108,14921	8,84420
4811	3,68223,53569	9,02618	4861	3,68672,56211	8,93334	4911	3,69116,99341	8,84240
4812	3,68232,56187	9,02430	4862	3,68681,49545	8,93151	4912	3,69125,83581	8,84060
4813	3,68241,58617	9,02242	4863	3,68690,42696	8,92967	4913	3,69134,67641	8,83880
4814	3,68250,60859	9,02056	4864	3,68699,35663	8,92783	4914	3,69143,51521	8,83701
4815	3,68259,62915	9,01867	4865	3,68708,28446	8,92600	4915	3,69152,35222	8,83520
4816	3,68268,64782	9,01681	4866	3,68717,21046	8,92416	4916	3,69161,18742	8,83341
4817	3,68277,66463	9,01494	4867	3,68726,13462	8,92234	4917	3,69170,02083	8,83161
4818	3,68286,67957	9,01306	4868	3,68735,05696	8,92049	4918	3,69178,85244	8,82982
4819	3,68295,69263	9,01119	4869	3,68743,97745	8,91867	4919	3,69187,68226	8,82802
4820	3,68304,70382	9,00933	4870	3,68752,89612	8,91684	4920	3,69196,51028	8,82622
4821	3,68313,71315	9,00745	4871	3,68761,81296	8,91500	4921	3,69205,33650	8,82444
4822	3,68322,72060	9,00559	4872	3,68770,72796	8,91318	4922	3,69214,16094	8,82264
4823	3,68331,72619	9,00372	4873	3,68779,64114	8,91134	4923	3,69222,98358	8,82085
4824	3,68340,72991	9,00186	4874	3,68788,55248	8,90952	4924	3,69231,80443	8,81905
4825	3,68349,73177	8,99999	4875	3,68797,46200	8,90769	4925	3,69240,62348	8,81727
4826	3,68358,73176	8,99812	4876	3,68806,36969	8,90587	4926	3,69249,44075	8,81548
4827	3,68367,72988	8,99626	4877	3,68815,27556	8,90404	4927	3,69258,25623	8,81369
4828	3,68376,72614	8,99440	4878	3,68824,17960	8,90221	4928	3,69267,06992	8,81190
4829	3,68385,72054	8,99254	4879	3,68833,08181	8,90039	4929	3,69275,88182	8,81011
4830	3,68394,71308	8,99067	4880	3,68841,98220	8,89857	4930	3,69284,69193	8,80832
4831	3,68403,70375	8,98881	4881	3,68850,88077	8,89674	4931	3,69293,50025	8,80654
4832	3,68412,69256	8,98695	4882	3,68859,77751	8,89492	4932	3,69302,30679	8,80476
4833	3,68421,67951	8,98510	4883	3,68868,67243	8,89310	4933	3,69311,11155	8,80297
4834	3,68430,66461	8,98323	4884	3,68877,56553	8,89128	4934	3,69319,91452	8,80118
4835	3,68439,64784	8,98138	4885	3,68886,45681	8,88945	4935	3,69328,71570	8,79940
4836	3,68448,62922	8,97952	4886	3,68895,34626	8,88764	4936	3,69337,51510	8,79762
4837	3,68457,60874	8,97766	4887	3,68904,23390	8,88582	4937	3,69346,31272	8,79584
4838	3,68466,58640	8,97581	4888	3,68913,11972	8,88401	4938	3,69355,10856	8,79406
4839	3,68475,56221	8,97395	4889	3,68922,00373	8,88218	4939	3,69363,90262	8,79227
4840	3,68484,53616	8,97210	4890	3,68930,88591	8,88037	4940	3,69372,69489	8,79050
4841	3,68493,50826	8,97025	4891	3,68939,76628	8,87856	4941	3,69381,48539	8,78872
4842	3,68502,47851	8,96839	4892	3,68948,64484	8,87674	4942	3,69390,27411	8,78694
4843	3,68511,44690	8,96655	4893	3,68957,52158	8,87492	4943	3,69399,06105	8,78516
4844	3,68520,41345	8,96469	4894	3,68966,39650	8,87311	4944	3,69407,84621	8,78338
4845	3,68529,37814	8,96284	4895	3,68975,26961	8,87130	4945	3,69416,62959	8,78161
4846	3,68538,34098	8,96099	4896	3,68984,14091	8,86949	4946	3,69425,41120	8,77984
4847	3,68547,30197	8,95915	4897	3,68993,01040	8,86768	4947	3,69434,19104	8,77806
4848	3,68556,26112	8,95729	4898	3,69001,87808	8,86587	4948	3,69442,96910	8,77628
4849	3,68565,21841	8,95545	4899	3,69010,74395	8,86405	4949	3,69451,74538	8,77451
4850	3,68574,17386	8,95360	4900	3,69019,60800	8,86225	4950	3,69460,51989	8,77274

Chilias 5.

Chilias 6.

Chilias 6.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
4951	3,69469,29263	8,77097	5001	3,69905,68545	8,68329	5051	3,70337,73685	8,59734
4952	3,69478,06360	8,76920	5002	3,69914,36874	8,68155	5052	3,70346,33419	8,59563
4953	3,69486,83280	8,76742	5003	3,69923,05029	8,67981	5053	3,70354,92982	8,59394
4954	3,69495,60022	8,76566	5004	3,69931,73010	8,67808	5054	3,70363,52376	8,59223
4955	3,69504,36588	8,76389	5005	3,69940,40818	8,67635	5055	3,70372,11599	8,59054
4956	3,69513,12977	8,76212	5006	3,69949,08453	8,67461	5056	3,70380,70653	8,58883
4957	3,69521,89189	8,76035	5007	3,69957,75914	8,67288	5057	3,70389,29536	8,58714
4958	3,69530,65224	8,75859	5008	3,69966,43202	8,67115	5058	3,70397,88250	8,58544
4959	3,69539,41083	8,75682	5009	3,69975,10317	8,66942	5059	3,70406,46794	8,58374
4960	3,69548,16765	8,75505	5010	3,69983,77259	8,66768	5060	3,70415,05168	8,58205
4961	3,69556,92270	8,75329	5011	3,69992,44027	8,66596	5061	3,70423,63373	8,58035
4962	3,69565,67599	8,75153	5012	3,70001,10623	8,66423	5062	3,70432,21408	8,57866
4963	3,69574,42752	8,74976	5013	3,70009,77046	8,66250	5063	3,70440,79274	8,57696
4964	3,69583,17728	8,74800	5014	3,70018,43296	8,66078	5064	3,70449,36970	8,57527
4965	3,69591,92528	8,74624	5015	3,70027,09374	8,65904	5065	3,70457,94497	8,57358
4966	3,69600,67152	8,74448	5016	3,70035,75278	8,65732	5066	3,70466,51855	8,57188
4967	3,69609,41600	8,74272	5017	3,70044,41010	8,65560	5067	3,70475,09043	8,57019
4968	3,69618,15872	8,74095	5018	3,70053,06570	8,65387	5068	3,70483,66062	8,56850
4969	3,69626,89967	8,73920	5019	3,70061,71957	8,65214	5069	3,70492,22912	8,56681
4970	3,69635,63887	8,73744	5020	3,70070,37171	8,65043	5070	3,70500,79593	8,56512
4971	3,69644,37631	8,73569	5021	3,70079,02214	8,64870	5071	3,70509,36105	8,56344
4972	3,69653,11200	8,73392	5022	3,70087,67084	8,64698	5072	3,70517,92449	8,56174
4973	3,69661,84592	8,73217	5023	3,70096,31782	8,64525	5073	3,70526,48623	8,56006
4974	3,69670,57809	8,73042	5024	3,70104,96307	8,64354	5074	3,70535,04629	8,55837
4975	3,69679,30851	8,72866	5025	3,70113,60661	8,64182	5075	3,70543,60466	8,55668
4976	3,69688,03717	8,72690	5026	3,70122,24843	8,64009	5076	3,70552,16134	8,55500
4977	3,69696,76407	8,72516	5027	3,70130,88852	8,63838	5077	3,70560,71634	8,55331
4978	3,69705,48923	8,72340	5028	3,70139,52690	8,63666	5078	3,70569,26965	8,55163
4979	3,69714,21263	8,72165	5029	3,70148,16356	8,63495	5079	3,70577,82128	8,54995
4980	3,69722,93428	8,71989	5030	3,70156,79851	8,63322	5080	3,70586,37123	8,54826
4981	3,69731,65417	8,71815	5031	3,70165,43173	8,63151	5081	3,70594,91949	8,54658
4982	3,69740,37232	8,71640	5032	3,70174,06324	8,62980	5082	3,70603,46607	8,54490
4983	3,69749,08872	8,71465	5033	3,70182,69304	8,62808	5083	3,70612,01097	8,54322
4984	3,69757,80337	8,71289	5034	3,70191,32112	8,62637	5084	3,70620,55419	8,54154
4985	3,69766,51626	8,71116	5035	3,70199,94749	8,62465	5085	3,70629,09573	8,53985
4986	3,69775,22742	8,70940	5036	3,70208,57214	8,62295	5086	3,70637,63558	8,53818
4987	3,69783,93682	8,70766	5037	3,70217,19509	8,62123	5087	3,70646,17376	8,53650
4988	3,69792,64448	8,70591	5038	3,70225,81632	8,61952	5088	3,70654,71026	8,53483
4989	3,69801,35039	8,70417	5039	3,70234,43584	8,61780	5089	3,70663,24509	8,53314
4990	3,69810,05456	8,70243	5040	3,70243,05364	8,61610	5090	3,70671,77823	8,53147
4991	3,69818,75699	8,70068	5041	3,70251,66974	8,61439	5091	3,70680,30970	8,52980
4992	3,69827,45767	8,69894	5042	3,70260,28413	8,61269	5092	3,70688,83950	8,52812
4993	3,69836,15661	8,69719	5043	3,70268,89682	8,61097	5093	3,70697,36762	8,52644
4994	3,69844,85380	8,69546	5044	3,70277,50779	8,60927	5094	3,70705,89406	8,52477
4995	3,69853,54926	8,69371	5045	3,70286,11706	8,60756	5095	3,70714,41883	8,52310
4996	3,69862,24297	8,69197	5046	3,70294,72462	8,60585	5096	3,70722,94193	8,52143
4997	3,69870,93494	8,69024	5047	3,70303,33047	8,60415	5097	3,70731,46336	8,51975
4998	3,69879,62518	8,68850	5048	3,70311,93462	8,60245	5098	3,70739,98311	8,51809
4999	3,69888,31368	8,68675	5049	3,70320,53707	8,60074	5099	3,70748,50120	8,51641
5000	3,69897,00043	8,68502	5050	3,70329,13781	8,59904	5100	3,70757,01761	8,51474

Chilias 6.

Chilias 6.

Chilias 6.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
5101	3,70765,53235	8,51308	5151	3,71189,15499	8,43045	5201	3,71608,68538	8,34941
5102	3,70774,04543	8,51140	5152	3,71197,58544	8,42881	5202	3,71617,03479	8,34780
5103	3,70782,55683	8,50974	5153	3,71206,01425	8,42717	5203	3,71625,38259	8,34620
5104	3,70791,06657	8,50807	5154	3,71214,44142	8,42554	5204	3,71633,72879	8,34459
5105	3,70799,57464	8,50641	5155	3,71222,86696	8,42391	5205	3,71642,07338	8,34300
5106	3,70808,08105	8,50474	5156	3,71231,29087	8,42227	5206	3,71650,41638	8,34139
5107	3,70816,58579	8,50307	5157	3,71239,71314	8,42064	5207	3,71658,75777	8,33979
5108	3,70825,08886	8,50141	5158	3,71248,13378	8,41901	5208	3,71667,09756	8,33818
5109	3,70833,59027	8,49974	5159	3,71256,55279	8,41737	5209	3,71675,43574	8,33659
5110	3,70842,09001	8,49809	5160	3,71264,97016	8,41575	5210	3,71683,77233	8,33499
5111	3,70850,58810	8,49642	5161	3,71273,38591	8,41411	5211	3,71692,10732	8,33338
5112	3,70859,08452	8,49475	5162	3,71281,80002	8,41248	5212	3,71700,44070	8,33179
5113	3,70867,57927	8,49310	5163	3,71290,21250	8,41086	5213	3,71708,77249	8,33019
5114	3,70876,07237	8,49143	5164	3,71298,62336	8,40923	5214	3,71717,10268	8,32860
5115	3,70884,56380	8,48978	5165	3,71307,03259	8,40759	5215	3,71725,43128	8,32699
5116	3,70893,05358	8,48812	5166	3,71315,44018	8,40597	5216	3,71733,75827	8,32540
5117	3,70901,54170	8,48646	5167	3,71323,84615	8,40435	5217	3,71742,08367	8,32381
5118	3,70910,02816	8,48480	5168	3,71332,25050	8,40272	5218	3,71750,40748	8,32221
5119	3,70918,51296	8,48314	5169	3,71340,65322	8,40109	5219	3,71758,72969	8,32061
5120	3,70926,99610	8,48148	5170	3,71349,05431	8,39947	5220	3,71767,05030	8,31902
5121	3,70935,47758	8,47983	5171	3,71357,45378	8,39784	5221	3,71775,36932	8,31743
5122	3,70943,95741	8,47818	5172	3,71365,85162	8,39622	5222	3,71783,68675	8,31583
5123	3,70952,43559	8,47652	5173	3,71374,24784	8,39460	5223	3,71792,00258	8,31425
5124	3,70960,91211	8,47486	5174	3,71382,64244	8,39297	5224	3,71800,31683	8,31265
5125	3,70969,38697	8,47321	5175	3,71391,03541	8,39136	5225	3,71808,62948	8,31106
5126	3,70977,86018	8,47156	5176	3,71399,42677	8,38973	5226	3,71816,94054	8,30947
5127	3,70986,33174	8,46991	5177	3,71407,81650	8,38811	5227	3,71825,25001	8,30788
5128	3,70994,80165	8,46826	5178	3,71416,20461	8,38649	5228	3,71833,55789	8,30629
5129	3,71003,26991	8,46660	5179	3,71424,59110	8,38487	5229	3,71841,86418	8,30471
5130	3,71011,73651	8,46496	5180	3,71432,97597	8,38326	5230	3,71850,16889	8,30311
5131	3,71020,20147	8,46330	5181	3,71441,35923	8,38163	5231	3,71858,47200	8,30153
5132	3,71028,66477	8,46166	5182	3,71449,74086	8,38002	5232	3,71866,77353	8,29994
5133	3,71037,12643	8,46000	5183	3,71458,12088	8,37841	5233	3,71875,07347	8,29836
5134	3,71045,58643	8,45836	5184	3,71466,49929	8,37678	5234	3,71883,37183	8,29677
5135	3,71054,04479	8,45672	5185	3,71474,87607	8,37517	5235	3,71891,66860	8,29519
5136	3,71062,50151	8,45506	5186	3,71483,25124	8,37356	5236	3,71899,96379	8,29360
5137	3,71070,95657	8,45342	5187	3,71491,62480	8,37194	5237	3,71908,25739	8,29202
5138	3,71079,40999	8,45178	5188	3,71499,99674	8,37033	5238	3,71916,54941	8,29043
5139	3,71087,86177	8,45013	5189	3,71508,36707	8,36871	5239	3,71924,83984	8,28886
5140	3,71096,31190	8,44849	5190	3,71516,73578	8,36711	5240	3,71933,12870	8,28727
5141	3,71104,76039	8,44684	5191	3,71525,10289	8,36549	5241	3,71941,41597	8,28569
5142	3,71113,20723	8,44520	5192	3,71533,46838	8,36388	5242	3,71949,70166	8,28411
5143	3,71121,65243	8,44356	5193	3,71541,83226	8,36227	5243	3,71957,98577	8,28253
5144	3,71130,09599	8,44192	5194	3,71550,19453	8,36066	5244	3,71966,26830	8,28095
5145	3,71138,53791	8,44028	5195	3,71558,55519	8,35905	5245	3,71974,54925	8,27938
5146	3,71146,97819	8,43864	5196	3,71566,91424	8,35744	5246	3,71982,82863	8,27779
5147	3,71155,41683	8,43699	5197	3,71575,27168	8,35584	5247	3,71991,10642	8,27622
5148	3,71163,85382	8,43536	5198	3,71583,62752	8,35422	5248	3,71999,38264	8,27464
5149	3,71172,28918	8,43372	5199	3,71591,98174	8,35262	5249	3,72007,65728	8,27306
5150	3,71180,72290	8,43209	5200	3,71600,33436	8,35102	5250	3,72015,93034	8,27149

Chilias 6.

Chilias 6.

Chilias 6.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
5251	3,72024,20183	8,26991	5301	3,72435,78042	8,19192	5351	3,72843,49510	8,11538
5252	3,72032,47174	8,26834	5302	3,72443,97234	8,19037	5352	3,72851,61048	8,11386
5253	3,72040,74008	8,26677	5303	3,72452,16271	8,18883	5353	3,72859,72434	8,11235
5254	3,72049,00685	8,26519	5304	3,72460,35154	8,18728	5354	3,72867,83669	8,11083
5255	3,72057,27204	8,26362	5305	3,72468,53882	8,18574	5355	3,72875,94752	8,10931
5256	3,72065,53566	8,26204	5306	3,72476,72456	8,18420	5356	3,72884,05683	8,10781
5257	3,72073,79770	8,26048	5307	3,72484,90876	8,18266	5357	3,72892,16464	8,10629
5258	3,72082,05818	8,25890	5308	3,72493,09142	8,18111	5358	3,72900,27093	8,10477
5259	3,72090,31708	8,25734	5309	3,72501,27253	8,17958	5359	3,72908,37570	8,10327
5260	3,72098,57442	8,25576	5310	3,72509,45211	8,17803	5360	3,72916,47897	8,10175
5261	3,72106,83018	8,25419	5311	3,72517,63014	8,17650	5361	3,72924,58072	8,10024
5262	3,72115,08437	8,25263	5312	3,72525,80664	8,17495	5362	3,72932,68096	8,09874
5263	3,72123,33700	8,25106	5313	3,72533,98159	8,17342	5363	3,72940,77970	8,09722
5264	3,72131,58806	8,24949	5314	3,72542,15501	8,17188	5364	3,72948,87692	8,09571
5265	3,72139,83755	8,24793	5315	3,72550,32689	8,17034	5365	3,72956,97263	8,09420
5266	3,72148,08548	8,24636	5316	3,72558,49723	8,16880	5366	3,72965,06683	8,09270
5267	3,72156,33184	8,24479	5317	3,72566,66603	8,16727	5367	3,72973,15953	8,09119
5268	3,72164,57663	8,24323	5318	3,72574,83330	8,16573	5368	3,72981,25072	8,08968
5269	3,72172,81986	8,24166	5319	3,72582,99903	8,16420	5369	3,72989,34040	8,08817
5270	3,72181,06152	8,24010	5320	3,72591,16323	8,16266	5370	3,72997,42857	8,08667
5271	3,72189,30162	8,23854	5321	3,72599,32589	8,16113	5371	3,73005,51524	8,08516
5272	3,72197,54016	8,23697	5322	3,72607,48702	8,15960	5372	3,73013,60040	8,08366
5273	3,72205,77713	8,23542	5323	3,72615,64662	8,15806	5373	3,73021,68406	8,08215
5274	3,72214,01255	8,23385	5324	3,72623,80468	8,15653	5374	3,73029,76621	8,08065
5275	3,72222,24640	8,23229	5325	3,72631,96121	8,15500	5375	3,73037,84686	8,07914
5276	3,72230,47869	8,23073	5326	3,72640,11621	8,15347	5376	3,73045,92600	8,07765
5277	3,72238,70942	8,22917	5327	3,72648,26968	8,15194	5377	3,73054,00365	8,07614
5278	3,72246,93859	8,22761	5328	3,72656,42162	8,15040	5378	3,73062,07979	8,07464
5279	3,72255,16620	8,22605	5329	3,72664,57202	8,14888	5379	3,73070,15443	8,07314
5280	3,72263,39225	8,22450	5330	3,72672,72090	8,14735	5380	3,73078,22757	8,07163
5281	3,72271,61675	8,22294	5331	3,72680,86825	8,14582	5381	3,73086,29920	8,07014
5282	3,72279,83969	8,22138	5332	3,72689,01407	8,14430	5382	3,73094,36934	8,06864
5283	3,72288,06107	8,21982	5333	3,72697,15837	8,14277	5383	3,73102,43798	8,06714
5284	3,72296,28089	8,21827	5334	3,72705,30114	8,14124	5384	3,73110,50512	8,06564
5285	3,72304,49916	8,21672	5335	3,72713,44238	8,13971	5385	3,73118,57076	8,06415
5286	3,72312,71588	8,21516	5336	3,72721,58209	8,13819	5386	3,73126,63491	8,06264
5287	3,72320,93104	8,21361	5337	3,72729,72028	8,13667	5387	3,73134,69755	8,06116
5288	3,72329,14465	8,21205	5338	3,72737,85695	8,13514	5388	3,73142,75871	8,05965
5289	3,72337,35670	8,21050	5339	3,72745,99209	8,13361	5389	3,73150,81836	8,05816
5290	3,72345,56720	8,20895	5340	3,72754,12570	8,13210	5390	3,73158,87652	8,05666
5291	3,72353,77615	8,20740	5341	3,72762,25780	8,13057	5391	3,73166,93318	8,05517
5292	3,72361,98355	8,20585	5342	3,72770,38837	8,12905	5392	3,73174,98835	8,05368
5293	3,72370,18940	8,20430	5343	3,72778,51742	8,12753	5393	3,73183,04203	8,05218
5294	3,72378,39370	8,20274	5344	3,72786,64495	8,12600	5394	3,73191,09421	8,05069
5295	3,72386,59644	8,20120	5345	3,72794,77095	8,12449	5395	3,73199,14490	8,04920
5296	3,72394,79764	8,19965	5346	3,72802,89544	8,12297	5396	3,73207,19410	8,04771
5297	3,72402,99729	8,19811	5347	3,72811,01841	8,12145	5397	3,73215,24181	8,04621
5298	3,72411,19540	8,19655	5348	3,72819,13986	8,11993	5398	3,73223,28802	8,04473
5299	3,72419,39195	8,19501	5349	3,72827,25979	8,11841	5399	3,73231,33275	8,04323
5300	3,72427,58696	8,19346	5350	3,72835,37820	8,11690	5400	3,73239,37598	8,04175

Chilias 6.

Chilias 6.

Chilias 6.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
5401	3.73247,41773	8,04026	5451	3.73647,61820	7,96652	5501	3.74044,16449	7,89412
5402	3.73255,45799	8,03876	5452	3.73655,58472	7,96505	5502	3.74052,05861	7,89267
5403	3.73263,49675	8,03728	5453	3.73663,54977	7,96359	5503	3.74059,95128	7,89124
5404	3.73271,53403	8,03580	5454	3.73671,51336	7,96213	5504	3.74067,84252	7,88981
5405	3.73279,56983	8,03431	5455	3.73679,47549	7,96067	5505	3.74075,73233	7,88838
5406	3.73287,60414	8,03282	5456	3.73687,43616	7,95922	5506	3.74083,62071	7,88694
5407	3.73295,63696	8,03133	5457	3.73695,39538	7,95775	5507	3.74091,50765	7,88551
5408	3.73303,66829	8,02985	5458	3.73703,35313	7,95630	5508	3.74099,39316	7,88408
5409	3.73311,69814	8,02837	5459	3.73711,30943	7,95484	5509	3.74107,27724	7,88265
5410	3.73319,72651	8,02688	5460	3.73719,26427	7,95338	5510	3.74115,15989	7,88121
5411	3.73327,75339	8,02540	5461	3.73727,21765	7,95193	5511	3.74123,04110	7,87979
5412	3.73335,77879	8,02392	5462	3.73735,16958	7,95047	5512	3.74130,92089	7,87836
5413	3.73343,80271	8,02243	5463	3.73743,12005	7,94902	5513	3.74138,79925	7,87693
5414	3.73351,82514	8,02096	5464	3.73751,06907	7,94756	5514	3.74146,67618	7,87550
5415	3.73359,84610	8,01947	5465	3.73759,01663	7,94611	5515	3.74154,55168	7,87407
5416	3.73367,86557	8,01799	5466	3.73766,96274	7,94465	5516	3.74162,42575	7,87265
5417	3.73375,88356	8,01651	5467	3.73774,90739	7,94320	5517	3.74170,29840	7,87121
5418	3.73383,90007	8,01503	5468	3.73782,85059	7,94175	5518	3.74178,16961	7,86980
5419	3.73391,91510	8,01355	5469	3.73790,79234	7,94029	5519	3.74186,03941	7,86836
5420	3.73399,92865	8,01208	5470	3.73798,73263	7,93885	5520	3.74193,90777	7,86694
5421	3.73407,94073	8,01059	5471	3.73806,67148	7,93739	5521	3.74201,77471	7,86552
5422	3.73415,95132	8,00912	5472	3.73814,60887	7,93594	5522	3.74209,64023	7,86409
5423	3.73423,96044	8,00765	5473	3.73822,54481	7,93450	5523	3.74217,50432	7,86267
5424	3.73431,96809	8,00616	5474	3.73830,47931	7,93304	5524	3.74225,36699	7,86125
5425	3.73439,97425	8,00469	5475	3.73838,41235	7,93160	5525	3.74233,22824	7,85982
5426	3.73447,97894	8,00322	5476	3.73846,34395	7,93014	5526	3.74241,08806	7,85840
5427	3.73455,98216	8,00174	5477	3.73854,27409	7,92870	5527	3.74248,94646	7,85698
5428	3.73463,98390	8,00027	5478	3.73862,20279	7,92725	5528	3.74256,80344	7,85555
5429	3.73471,98417	7,99879	5479	3.73870,13004	7,92581	5529	3.74264,65899	7,85414
5430	3.73479,98296	7,99732	5480	3.73878,05585	7,92436	5530	3.74272,51313	7,85272
5431	3.73487,98028	7,99585	5481	3.73885,98021	7,92291	5531	3.74280,36585	7,85129
5432	3.73495,97613	7,99437	5482	3.73893,90312	7,92147	5532	3.74288,21714	7,84988
5433	3.73503,97050	7,99291	5483	3.73901,82459	7,92002	5533	3.74296,06702	7,84846
5434	3.73511,96341	7,99143	5484	3.73909,74461	7,91858	5534	3.74303,91548	7,84704
5435	3.73519,95484	7,98997	5485	3.73917,66319	7,91714	5535	3.74311,76252	7,84562
5436	3.73527,94481	7,98849	5486	3.73925,58033	7,91569	5536	3.74319,60814	7,84421
5437	3.73535,93330	7,98703	5487	3.73933,49602	7,91425	5537	3.74327,45235	7,84279
5438	3.73543,92033	7,98555	5488	3.73941,41027	7,91281	5538	3.74335,29514	7,84137
5439	3.73551,90588	7,98409	5489	3.73949,32308	7,91137	5539	3.74343,13651	7,83996
5440	3.73559,88997	7,98262	5490	3.73957,23445	7,90992	5540	3.74350,97647	7,83855
5441	3.73567,87259	7,98115	5491	3.73965,14437	7,90849	5541	3.74358,81502	7,83712
5442	3.73575,85374	7,97969	5492	3.73973,05286	7,90704	5542	3.74366,65214	7,83572
5443	3.73583,83343	7,97822	5493	3.73980,95990	7,90561	5543	3.74374,48786	7,83430
5444	3.73591,81165	7,97676	5494	3.73988,86551	7,90417	5544	3.74382,32216	7,83289
5445	3.73599,78841	7,97529	5495	3.73996,76968	7,90273	5545	3.74390,15505	7,83147
5446	3.73607,76370	7,97383	5496	3.74004,67241	7,90129	5546	3.74397,98652	7,83007
5447	3.73615,73753	7,97236	5497	3.74012,57370	7,89985	5547	3.74405,81659	7,82865
5448	3.73623,70989	7,97090	5498	3.74020,47355	7,89842	5548	3.74413,64524	7,82724
5449	3.73631,68079	7,96944	5499	3.74028,37197	7,89698	5549	3.74421,47248	7,82583
5450	3.73639,65023	7,96797	5500	3.74036,26895	7,89554	5550	3.74429,29831	7,82442

5551

Chilias 6.

Chilias 6.

Chilias 6.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
5551	3.74437,12273	7,82301	5601	3.74826,55727	7,75318	5651	3.75212,53073	7,68459
5552	3.74444,94574	7,82161	5602	3.74834,31045	7,75180	5652	3.75220,21532	7,68323
5553	3.74452,76735	7,82019	5603	3.74842,06225	7,75041	5653	3.75227,89855	7,68187
5554	3.74460,58754	7,81879	5604	3.74849,81266	7,74903	5654	3.75235,58042	7,68051
5555	3.74468,40633	7,81738	5605	3.74857,56169	7,74765	5655	3.75243,26093	7,67915
5556	3.74476,22371	7,81597	5606	3.74865,30934	7,74627	5656	3.75250,94008	7,67779
5557	3.74484,03968	7,81456	5607	3.74873,05561	7,74489	5657	3.75258,61787	7,67644
5558	3.74491,85424	7,81316	5608	3.74880,80050	7,74350	5658	3.75266,29431	7,67508
5559	3.74499,66740	7,81176	5609	3.74888,54400	7,74213	5659	3.75273,96939	7,67373
5560	3.74507,47916	7,81035	5610	3.74896,28613	7,74074	5660	3.75281,64312	7,67237
5561	3.74515,28951	7,80894	5611	3.74904,02687	7,73937	5661	3.75289,31549	7,67101
5562	3.74523,09845	7,80754	5612	3.74911,76624	7,73798	5662	3.75296,98650	7,66966
5563	3.74530,90599	7,80614	5613	3.74919,50422	7,73661	5663	3.75304,65616	7,66831
5564	3.74538,71213	7,80474	5614	3.74927,24083	7,73523	5664	3.75312,32447	7,66695
5565	3.74546,51687	7,80333	5615	3.74934,97606	7,73385	5665	3.75319,99142	7,66560
5566	3.74554,32020	7,80193	5616	3.74942,70991	7,73248	5666	3.75327,65702	7,66424
5567	3.74562,12213	7,80053	5617	3.74950,44239	7,73110	5667	3.75335,32126	7,66290
5568	3.74569,92266	7,79913	5618	3.74958,17349	7,72972	5668	3.75342,98416	7,66154
5569	3.74577,72179	7,79773	5619	3.74965,90321	7,72835	5669	3.75350,64570	7,66019
5570	3.74585,51952	7,79633	5620	3.74973,63156	7,72697	5670	3.75358,30589	7,65884
5571	3.74593,31585	7,79493	5621	3.74981,35853	7,72560	5671	3.75365,96473	7,65749
5572	3.74601,11078	7,79353	5622	3.74989,08413	7,72422	5672	3.75373,62222	7,65614
5573	3.74608,90431	7,79213	5623	3.74996,80835	7,72285	5673	3.75381,27836	7,65479
5574	3.74616,69644	7,79073	5624	3.75004,53120	7,72148	5674	3.75388,93315	7,65344
5575	3.74624,48717	7,78934	5625	3.75012,25268	7,72010	5675	3.75396,58659	7,65209
5576	3.74632,27651	7,78794	5626	3.75019,97278	7,71874	5676	3.75404,23868	7,65074
5577	3.74640,06445	7,78654	5627	3.75027,69152	7,71736	5677	3.75411,88942	7,64940
5578	3.74647,85099	7,78515	5628	3.75035,40888	7,71599	5678	3.75419,53882	7,64805
5579	3.74655,63614	7,78375	5629	3.75043,12487	7,71462	5679	3.75427,18687	7,64670
5580	3.74663,41989	7,78236	5630	3.75050,83949	7,71324	5680	3.75434,83357	7,64536
5581	3.74671,20225	7,78097	5631	3.75058,55273	7,71188	5681	3.75442,47893	7,64401
5582	3.74678,98322	7,77957	5632	3.75066,26461	7,71051	5682	3.75450,12294	7,64266
5583	3.74686,76279	7,77817	5633	3.75073,97512	7,70914	5683	3.75457,76560	7,64133
5584	3.74694,54096	7,77679	5634	3.75081,68426	7,70778	5684	3.75465,40693	7,63997
5585	3.74702,31775	7,77539	5635	3.75089,39204	7,70640	5685	3.75473,04690	7,63864
5586	3.74710,09314	7,77400	5636	3.75097,09844	7,70504	5686	3.75480,68554	7,63729
5587	3.74717,86714	7,77260	5637	3.75104,80348	7,70367	5687	3.75488,32283	7,63594
5588	3.74725,63974	7,77122	5638	3.75112,50715	7,70231	5688	3.75495,95877	7,63461
5589	3.74733,41096	7,76983	5639	3.75120,20946	7,70094	5689	3.75503,59338	7,63326
5590	3.74741,18079	7,76844	5640	3.75127,91040	7,69957	5690	3.75511,22664	7,63192
5591	3.74748,94923	7,76704	5641	3.75135,60997	7,69821	5691	3.75518,85856	7,63058
5592	3.74756,71627	7,76566	5642	3.75143,30818	7,69685	5692	3.75526,48914	7,62924
5593	3.74764,48193	7,76427	5643	3.75151,00503	7,69548	5693	3.75534,11838	7,62790
5594	3.74772,24620	7,76289	5644	3.75158,70051	7,69412	5694	3.75541,74628	7,62656
5595	3.74780,00909	7,76149	5645	3.75166,39463	7,69275	5695	3.75549,37284	7,62522
5596	3.74787,77058	7,76011	5646	3.75174,08738	7,69139	5696	3.75556,99806	7,62389
5597	3.74795,53069	7,75872	5647	3.75181,77877	7,69003	5697	3.75564,62195	7,62254
5598	3.74803,28941	7,75734	5648	3.75189,46880	7,68867	5698	3.75572,24449	7,62121
5599	3.74811,04675	7,75595	5649	3.75197,15747	7,68731	5699	3.75579,86570	7,61987
5600	3.74818,80270	7,75457	5650	3.75204,84478	7,68595	5700	3.75587,48557	7,61853

Chilias 6.

Chilias 6.

Chilias 6.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
5701	3.75595,10410	7,61720	5751	3.75974,33676	7,55098	5801	3.76350,28655	7,48590
5702	3.75602,72130	7,61586	5752	3.75981,88774	7,54966	5802	3.76357,77245	7,48461
5703	3.75610,33716	7,61452	5753	3.75989,43740	7,54836	5803	3.76365,25706	7,48332
5704	3.75617,95168	7,61320	5754	3.75996,98576	7,54704	5804	3.76372,74038	7,48203
5705	3.75625,56488	7,61185	5755	3.76004,53280	7,54573	5805	3.76380,22241	7,48074
5706	3.75633,17673	7,61052	5756	3.76012,07853	7,54442	5806	3.76387,70315	7,47945
5707	3.75640,78725	7,60919	5757	3.76019,62295	7,54310	5807	3.76395,18260	7,47817
5708	3.75648,39644	7,60786	5758	3.76027,16605	7,54180	5808	3.76402,66077	7,47688
5709	3.75656,00430	7,60652	5759	3.76034,70785	7,54049	5809	3.76410,13765	7,47559
5710	3.75663,61082	7,60520	5760	3.76042,24834	7,53918	5810	3.76417,61324	7,47430
5711	3.75671,21602	7,60386	5761	3.76049,78752	7,53787	5811	3.76425,08754	7,47302
5712	3.75678,81988	7,60253	5762	3.76057,32539	7,53657	5812	3.76432,56056	7,47174
5713	3.75686,42241	7,60119	5763	3.76064,86196	7,53525	5813	3.76440,03230	7,47044
5714	3.75694,02360	7,59987	5764	3.76072,39721	7,53395	5814	3.76447,50274	7,46917
5715	3.75701,62347	7,59854	5765	3.76079,93116	7,53265	5815	3.76454,97191	7,46788
5716	3.75709,22201	7,59721	5766	3.76087,46381	7,53133	5816	3.76462,43979	7,46659
5717	3.75716,81922	7,59588	5767	3.76094,99514	7,53003	5817	3.76469,90638	7,46531
5718	3.75724,41510	7,59455	5768	3.76102,52517	7,52873	5818	3.76477,37169	7,46403
5719	3.75732,00965	7,59323	5769	3.76110,05390	7,52742	5819	3.76484,83572	7,46274
5720	3.75739,60288	7,59190	5770	3.76117,58132	7,52611	5820	3.76492,29846	7,46147
5721	3.75747,19478	7,59057	5771	3.76125,10743	7,52481	5821	3.76499,75993	7,46018
5722	3.75754,78535	7,58924	5772	3.76132,63224	7,52351	5822	3.76507,22011	7,45890
5723	3.75762,37459	7,58792	5773	3.76140,15575	7,52220	5823	3.76514,67901	7,45762
5724	3.75769,96251	7,58659	5774	3.76147,67795	7,52091	5824	3.76522,13663	7,45634
5725	3.75777,54910	7,58527	5775	3.76155,19886	7,51960	5825	3.76529,59297	7,45506
5726	3.75785,13437	7,58394	5776	3.76162,71846	7,51829	5826	3.76537,04803	7,45378
5727	3.75792,71831	7,58262	5777	3.76170,23675	7,51700	5827	3.76544,50181	7,45250
5728	3.75800,30093	7,58129	5778	3.76177,75375	7,51570	5828	3.76551,95431	7,45122
5729	3.75807,88222	7,57998	5779	3.76185,26945	7,51439	5829	3.76559,40553	7,44995
5730	3.75815,46220	7,57865	5780	3.76192,78384	7,51310	5830	3.76566,85548	7,44866
5731	3.75823,04085	7,57732	5781	3.76200,29694	7,51179	5831	3.76574,30414	7,44739
5732	3.75830,61817	7,57601	5782	3.76207,80873	7,51050	5832	3.76581,75153	7,44611
5733	3.75838,19418	7,57468	5783	3.76215,31923	7,50920	5833	3.76589,19764	7,44484
5734	3.75845,76886	7,57336	5784	3.76222,82843	7,50790	5834	3.76596,64248	7,44356
5735	3.75853,34222	7,57205	5785	3.76230,33633	7,50660	5835	3.76604,08604	7,44228
5736	3.75860,91427	7,57072	5786	3.76237,84293	7,50531	5836	3.76611,52832	7,44101
5737	3.75868,48499	7,56940	5787	3.76245,34824	7,50400	5837	3.76618,96933	7,43974
5738	3.75876,05439	7,56808	5788	3.76252,85224	7,50272	5838	3.76626,40907	7,43846
5739	3.75883,62247	7,56677	5789	3.76260,35496	7,50141	5839	3.76633,84753	7,43718
5740	3.75891,18924	7,56545	5790	3.76267,85637	7,50012	5840	3.76641,28471	7,43591
5741	3.75898,75469	7,56413	5791	3.76275,35649	7,49883	5841	3.76648,72062	7,43464
5742	3.75906,31882	7,56281	5792	3.76282,85532	7,49753	5842	3.76656,15526	7,43337
5743	3.75913,88163	7,56149	5793	3.76290,35285	7,49624	5843	3.76663,58863	7,43210
5744	3.75921,44312	7,56018	5794	3.76297,84909	7,49494	5844	3.76671,02073	7,43082
5745	3.75929,00330	7,55887	5795	3.76305,34403	7,49365	5845	3.76678,45155	7,42955
5746	3.75936,56217	7,55754	5796	3.76312,83768	7,49236	5846	3.76685,88110	7,42828
5747	3.75944,11971	7,55624	5797	3.76320,33004	7,49106	5847	3.76693,30938	7,42701
5748	3.75951,67595	7,55491	5798	3.76327,82110	7,48977	5848	3.76700,73639	7,42575
5749	3.75959,23086	7,55361	5799	3.76335,31087	7,48849	5849	3.76708,16214	7,42447
5750	3.75966,78447	7,55229	5800	3.76342,79936	7,48719	5850	3.76715,58661	7,42320

5851

Chilias 6.

Num.	Logarithmi	Differ.
5851	3,76723,00981	
5852	3,76730,43175	7,42194
5853	3,76737,85241	7,42066
5854	3,76745,27181	7,41940
5855	3,76752,68994	7,41813
5856	3,76760,10681	7,41687
5857	3,76767,52240	7,41559
5858	3,76774,93673	7,41433
5859	3,76782,34980	7,41307
5860	3,76789,76160	7,41180
5861	3,76797,17214	7,41054
5862	3,76804,58141	7,40927
5863	3,76811,98942	7,40801
5864	3,76819,39616	7,40674
5865	3,76826,80165	7,40549
5866	3,76834,20586	7,40421
5867	3,76841,60882	7,40296
5868	3,76849,01052	7,40170
5869	3,76856,41095	7,40043
5870	3,76863,81012	7,39917
5871	3,76871,20804	7,39792
5872	3,76878,60469	7,39665
5873	3,76886,00008	7,39539
5874	3,76893,39422	7,39414
5875	3,76900,78709	7,39287
5876	3,76908,17871	7,39162
5877	3,76915,56907	7,39036
5878	3,76922,95817	7,38910
5879	3,76930,34602	7,38785
5880	3,76937,73261	7,38659
5881	3,76945,11794	7,38533
5882	3,76952,50202	7,38408
5883	3,76959,88484	7,38282
5884	3,76967,26641	7,38157
5885	3,76974,64672	7,38031
5886	3,76982,02578	7,37906
5887	3,76989,40358	7,37780
5888	3,76996,78013	7,37655
5889	3,77004,15543	7,37530
5890	3,77011,52948	7,37405
5891	3,77018,90227	7,37279
5892	3,77026,27382	7,37155
5893	3,77033,64411	7,37029
5894	3,77041,01315	7,36904
5895	3,77048,38094	7,36779
5896	3,77055,74749	7,36655
5897	3,77063,11278	7,36529
5898	3,77070,47682	7,36404
5899	3,77077,83962	7,36280
5900	3,77085,20116	7,36154
		7,36030

Chilias 6.

Num.	Logarithmi	Differ.
5901	3,77092,56146	7,35906
5902	3,77099,92052	7,35780
5903	3,77107,27832	7,35656
5904	3,77114,63488	7,35531
5905	3,77121,99019	7,35407
5906	3,77129,34426	7,35283
5907	3,77136,69709	7,35157
5908	3,77144,04866	7,35034
5909	3,77151,39900	7,34909
5910	3,77158,74809	7,34784
5911	3,77166,09593	7,34661
5912	3,77173,44254	7,34536
5913	3,77180,78790	7,34412
5914	3,77188,13202	7,34288
5915	3,77195,47490	7,34163
5916	3,77202,81653	7,34040
5917	3,77210,15693	7,33915
5918	3,77217,49608	7,33792
5919	3,77224,83400	7,33667
5920	3,77232,17067	7,33544
5921	3,77239,50611	7,33420
5922	3,77246,84031	7,33295
5923	3,77254,17326	7,33172
5924	3,77261,50498	7,33049
5925	3,77268,83547	7,32924
5926	3,77276,16471	7,32801
5927	3,77283,49272	7,32678
5928	3,77290,81950	7,32553
5929	3,77298,14503	7,32431
5930	3,77305,46934	7,32306
5931	3,77312,79240	7,32184
5932	3,77320,11424	7,32059
5933	3,77327,43483	7,31937
5934	3,77334,75420	7,31813
5935	3,77342,07233	7,31690
5936	3,77349,38923	7,31566
5937	3,77356,70489	7,31444
5938	3,77364,01933	7,31320
5939	3,77371,33253	7,31197
5940	3,77378,64450	7,31074
5941	3,77385,95524	7,30951
5942	3,77393,26475	7,30828
5943	3,77400,57303	7,30705
5944	3,77407,88008	7,30582
5945	3,77415,18590	7,30459
5946	3,77422,49049	7,30336
5947	3,77429,79385	7,30213
5948	3,77437,09598	7,30091
5949	3,77444,39689	7,29968
5950	3,77451,69657	7,29846

Chilias 6.

Num.	Logarithmi	Differ.
5951	3,77458,99503	
5952	3,77466,29225	7,29722
5953	3,77473,58826	7,29601
5954	3,77480,88303	7,29477
5955	3,77488,17658	7,29355
5956	3,77495,46891	7,29233
5957	3,77502,76001	7,29110
5958	3,77510,04989	7,28988
5959	3,77517,33854	7,28865
5960	3,77524,62597	7,28743
5961	3,77531,91218	7,28621
5962	3,77539,19717	7,28499
5963	3,77546,48093	7,28376
5964	3,77553,76348	7,28255
5965	3,77561,04480	7,28132
5966	3,77568,32490	7,28010
5967	3,77575,60378	7,27888
5968	3,77582,88145	7,27767
5969	3,77590,15789	7,27644
5970	3,77597,43311	7,27522
5971	3,77604,70712	7,27401
5972	3,77611,97991	7,27279
5973	3,77619,25147	7,27156
5974	3,77626,52183	7,27036
5975	3,77633,79096	7,26913
5976	3,77641,05888	7,26792
5977	3,77648,32558	7,26670
5978	3,77655,59107	7,26549
5979	3,77662,85534	7,26427
5980	3,77670,11840	7,26306
5981	3,77677,38024	7,26184
5982	3,77684,64087	7,26063
5983	3,77691,90028	7,25941
5984	3,77699,15849	7,25821
5985	3,77706,41547	7,25698
5986	3,77713,67125	7,25578
5987	3,77720,92581	7,25456
5988	3,77728,17917	7,25336
5989	3,77735,43131	7,25214
5990	3,77742,68224	7,25093
5991	3,77749,93196	7,24972
5992	3,77757,18047	7,24851
5993	3,77764,42777	7,24730
5994	3,77771,67386	7,24609
5995	3,77778,91874	7,24488
5996	3,77786,16242	7,24368
5997	3,77793,40488	7,24246
5998	3,77800,64614	7,24126
5999	3,77807,88619	7,24005
6000	3,77815,12504	7,23885
		7,23764

Chilias 7.

Chilias 7.

Chilias 7.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6001	3,77822,36268	7,23643	6051	3,78182,71529	7,17665	6101	3,78540,10250	7,11783
6002	3,77829,59911	7,23523	6052	3,78189,89194	7,17545	6102	3,78547,22033	7,11667
6003	3,77836,83434	7,23402	6053	3,78197,06739	7,17427	6103	3,78554,33700	7,11549
6004	3,77844,06836	7,23281	6054	3,78204,24166	7,17309	6104	3,78561,45249	7,11434
6005	3,77851,30117	7,23162	6055	3,78211,41475	7,17190	6105	3,78568,56683	7,11317
6006	3,77858,53279	7,23040	6056	3,78218,58665	7,17072	6106	3,78575,68000	7,11200
6007	3,77865,76319	7,22921	6057	3,78225,75737	7,16953	6107	3,78582,79200	7,11084
6008	3,77872,99240	7,22800	6058	3,78232,92690	7,16835	6108	3,78589,90284	7,10967
6009	3,77880,22040	7,22680	6059	3,78240,09525	7,16717	6109	3,78597,01251	7,10851
6010	3,77887,44720	7,22560	6060	3,78247,26242	7,16598	6110	3,78604,12102	7,10735
6011	3,77894,67280	7,22439	6061	3,78254,42840	7,16480	6111	3,78611,22837	7,10619
6012	3,77901,89719	7,22319	6062	3,78261,59320	7,16362	6112	3,78618,33456	7,10502
6013	3,77909,12038	7,22200	6063	3,78268,75682	7,16244	6113	3,78625,43958	7,10386
6014	3,77916,34238	7,22079	6064	3,78275,91926	7,16126	6114	3,78632,54344	7,10270
6015	3,77923,56317	7,21959	6065	3,78283,08052	7,16008	6115	3,78639,64614	7,10153
6016	3,77930,78276	7,21839	6066	3,78290,24060	7,15889	6116	3,78646,74767	7,10038
6017	3,77938,00115	7,21719	6067	3,78297,39949	7,15772	6117	3,78653,84805	7,09921
6018	3,77945,21834	7,21599	6068	3,78304,55721	7,15654	6118	3,78660,94726	7,09806
6019	3,77952,43433	7,21480	6069	3,78311,71375	7,15536	6119	3,78668,04532	7,09689
6020	3,77959,64913	7,21359	6070	3,78318,86911	7,15418	6120	3,78675,14221	7,09574
6021	3,77966,86272	7,21240	6071	3,78326,02329	7,15300	6121	3,78682,23795	7,09458
6022	3,77974,07512	7,21120	6072	3,78333,17629	7,15182	6122	3,78689,33253	7,09341
6023	3,77981,28632	7,21000	6073	3,78340,32811	7,15065	6123	3,78696,42594	7,09226
6024	3,77988,49632	7,20880	6074	3,78347,47876	7,14947	6124	3,78703,51820	7,09110
6025	3,77995,70512	7,20761	6075	3,78354,62823	7,14829	6125	3,78710,60930	7,08995
6026	3,78002,91273	7,20642	6076	3,78361,77652	7,14711	6126	3,78717,69925	7,08878
6027	3,78010,11915	7,20521	6077	3,78368,92363	7,14594	6127	3,78724,78803	7,08763
6028	3,78017,32436	7,20403	6078	3,78376,06957	7,14477	6128	3,78731,87566	7,08648
6029	3,78024,52839	7,20282	6079	3,78383,21434	7,14359	6129	3,78738,96214	7,08531
6030	3,78031,73121	7,20164	6080	3,78390,35793	7,14241	6130	3,78746,04745	7,08416
6031	3,78038,93285	7,20044	6081	3,78397,50034	7,14124	6131	3,78753,13161	7,08301
6032	3,78046,13329	7,19924	6082	3,78404,64158	7,14007	6132	3,78760,21462	7,08185
6033	3,78053,33253	7,19805	6083	3,78411,78165	7,13889	6133	3,78767,29647	7,08069
6034	3,78060,53058	7,19686	6084	3,78418,92054	7,13772	6134	3,78774,37716	7,07955
6035	3,78067,72744	7,19567	6085	3,78426,05826	7,13654	6135	3,78781,45671	7,07838
6036	3,78074,92311	7,19448	6086	3,78433,19480	7,13538	6136	3,78788,53509	7,07724
6037	3,78082,11759	7,19328	6087	3,78440,33018	7,13420	6137	3,78795,61233	7,07608
6038	3,78089,31087	7,19209	6088	3,78447,46438	7,13303	6138	3,78802,68841	7,07493
6039	3,78096,50296	7,19090	6089	3,78454,59741	7,13185	6139	3,78809,76334	7,07377
6040	3,78103,69386	7,18971	6090	3,78461,72926	7,13069	6140	3,78816,83711	7,07263
6041	3,78110,88357	7,18852	6091	3,78468,85995	7,12952	6141	3,78823,90974	7,07147
6042	3,78118,07209	7,18733	6092	3,78475,98947	7,12834	6142	3,78830,98121	7,07032
6043	3,78125,25942	7,18615	6093	3,78483,11781	7,12718	6143	3,78838,05153	7,06917
6044	3,78132,44557	7,18495	6094	3,78490,24499	7,12601	6144	3,78845,12070	7,06802
6045	3,78139,63052	7,18376	6095	3,78497,37100	7,12483	6145	3,78852,18872	7,06687
6046	3,78146,81428	7,18258	6096	3,78504,49583	7,12367	6146	3,78859,25559	7,06572
6047	3,78153,99686	7,18139	6097	3,78511,61950	7,12250	6147	3,78866,32131	7,06457
6048	3,78161,17825	7,18020	6098	3,78518,74200	7,12134	6148	3,78873,38588	7,06342
6049	3,78168,35845	7,17902	6099	3,78525,86334	7,12016	6149	3,78880,44930	7,06228
6050	3,78175,53747	7,17782	6100	3,78532,98350	7,11900	6150	3,78887,51158	7,06112

Chilias 7.

Chilias 7.

Chilias 7.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6151	3,78894,57270	7,05998	6201	3,79246,17313	7,00306	6251	3,79594,94989	6,94704
6152	3,78901,63268	7,05883	6202	3,79253,17619	7,00193	6252	3,79601,89693	6,94594
6153	3,78908,69151	7,05768	6203	3,79260,17812	7,00079	6253	3,79608,84287	6,94482
6154	3,78915,74919	7,05654	6204	3,79267,17891	6,99967	6254	3,79615,78769	6,94371
6155	3,78922,80573	7,05539	6205	3,79274,17858	6,99854	6255	3,79622,73140	6,94261
6156	3,78929,86112	7,05424	6206	3,79281,17712	6,99742	6256	3,79629,67401	6,94149
6157	3,78936,91536	7,05310	6207	3,79288,17454	6,99629	6257	3,79636,61550	6,94038
6158	3,78943,96846	7,05195	6208	3,79295,17083	6,99515	6258	3,79643,55588	6,93928
6159	3,78951,02041	7,05081	6209	3,79302,16598	6,99404	6259	3,79650,49516	6,93816
6160	3,78958,07122	7,04966	6210	3,79309,16002	6,99290	6260	3,79657,43332	6,93706
6161	3,78965,12088	7,04852	6211	3,79316,15292	6,99179	6261	3,79664,37038	6,93595
6162	3,78972,16940	7,04737	6212	3,79323,14471	6,99065	6262	3,79671,30633	6,93484
6163	3,78979,21677	7,04623	6213	3,79330,13536	6,98953	6263	3,79678,24117	6,93373
6164	3,78986,26300	7,04509	6214	3,79337,12489	6,98841	6264	3,79685,17490	6,93263
6165	3,78993,30809	7,04395	6215	3,79344,11330	6,98728	6265	3,79692,10753	6,93152
6166	3,79000,35204	7,04280	6216	3,79351,10058	6,98616	6266	3,79699,03905	6,93042
6167	3,79007,39484	7,04166	6217	3,79358,08674	6,98503	6267	3,79705,96947	6,92931
6168	3,79014,43650	7,04052	6218	3,79365,07177	6,98391	6268	3,79712,89878	6,92820
6169	3,79021,47702	7,03938	6219	3,79372,05568	6,98279	6269	3,79719,82698	6,92710
6170	3,79028,51640	7,03824	6220	3,79379,03847	6,98166	6270	3,79726,75408	6,92600
6171	3,79035,55464	7,03710	6221	3,79386,02013	6,98055	6271	3,79733,68008	6,92489
6172	3,79042,59174	7,03596	6222	3,79393,00068	6,97942	6272	3,79740,60497	6,92378
6173	3,79049,62770	7,03481	6223	3,79399,98010	6,97830	6273	3,79747,52875	6,92269
6174	3,79056,66251	7,03368	6224	3,79406,95840	6,97718	6274	3,79754,45144	6,92158
6175	3,79063,69619	7,03254	6225	3,79413,93558	6,97605	6275	3,79761,37302	6,92047
6176	3,79070,72873	7,03140	6226	3,79420,91163	6,97494	6276	3,79768,29349	6,91938
6177	3,79077,76013	7,03027	6227	3,79427,88657	6,97382	6277	3,79775,21287	6,91827
6178	3,79084,79040	7,02912	6228	3,79434,86039	6,97270	6278	3,79782,13114	6,91717
6179	3,79091,81952	7,02799	6229	3,79441,83309	6,97158	6279	3,79789,04831	6,91606
6180	3,79098,84751	7,02685	6230	3,79448,80467	6,97046	6280	3,79795,96437	6,91497
6181	3,79105,87436	7,02571	6231	3,79455,77513	6,96934	6281	3,79802,87934	6,91387
6182	3,79112,90007	7,02458	6232	3,79462,74447	6,96822	6282	3,79809,79321	6,91276
6183	3,79119,92465	7,02344	6233	3,79469,71269	6,96710	6283	3,79816,70597	6,91167
6184	3,79126,94809	7,02231	6234	3,79476,67979	6,96599	6284	3,79823,61764	6,91056
6185	3,79133,97040	7,02117	6235	3,79483,64578	6,96487	6285	3,79830,52820	6,90947
6186	3,79140,99157	7,02003	6236	3,79490,61065	6,96376	6286	3,79837,43767	6,90837
6187	3,79148,01160	7,01890	6237	3,79497,57441	6,96263	6287	3,79844,34604	6,90726
6188	3,79155,03050	7,01777	6238	3,79504,53704	6,96152	6288	3,79851,25330	6,90617
6189	3,79162,04827	7,01663	6239	3,79511,49856	6,96041	6289	3,79858,15947	6,90507
6190	3,79169,06490	7,01550	6240	3,79518,45897	6,95929	6290	3,79865,06454	6,90398
6191	3,79176,08040	7,01437	6241	3,79525,41826	6,95817	6291	3,79871,96852	6,90288
6192	3,79183,09477	7,01323	6242	3,79532,37643	6,95706	6292	3,79878,87140	6,90177
6193	3,79190,10800	7,01210	6243	3,79539,33349	6,95595	6293	3,79885,77317	6,90069
6194	3,79197,12010	7,01097	6244	3,79546,28944	6,95483	6294	3,79892,67386	6,89958
6195	3,79204,13107	7,00984	6245	3,79553,24427	6,95372	6295	3,79899,57344	6,89850
6196	3,79211,14091	7,00870	6246	3,79560,19799	6,95260	6296	3,79906,47194	6,89739
6197	3,79218,14961	7,00758	6247	3,79567,15059	6,95150	6297	3,79913,36933	6,89630
6198	3,79225,15719	7,00645	6248	3,79574,10209	6,95038	6298	3,79920,26563	6,89520
6199	3,79232,16364	7,00531	6249	3,79581,05247	6,94926	6299	3,79927,16083	6,89412
6200	3,79239,16895	7,00418	6250	3,79588,00173	6,94816	6300	3,79934,05495	6,89301

Chilias 7.

Chilias 7.

Chilias 7.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6301	3,79940,94796	6,89192	6351	3,80284,21127	6,83767	6401	3,80624,78272	6,78426
6302	3,79947,83988	6,89083	6352	3,80291,04894	6,83659	6402	3,80631,56698	6,78320
6303	3,79954,73071	6,88974	6353	3,80297,88553	6,83552	6403	3,80638,35018	6,78214
6304	3,79961,62045	6,88864	6354	3,80304,72105	6,83444	6404	3,80645,13232	6,78109
6305	3,79968,50909	6,88755	6355	3,80311,55549	6,83336	6405	3,80651,91341	6,78002
6306	3,79975,39664	6,88646	6356	3,80318,38885	6,83229	6406	3,80658,69343	6,77897
6307	3,79982,28310	6,88537	6357	3,80325,22114	6,83122	6407	3,80665,47240	6,77791
6308	3,79989,16847	6,88427	6358	3,80332,05236	6,83014	6408	3,80672,25031	6,77685
6309	3,79996,05274	6,88318	6359	3,80338,88250	6,82906	6409	3,80679,02716	6,77579
6310	3,80002,93592	6,88210	6360	3,80345,71156	6,82800	6410	3,80685,80295	6,77474
6311	3,80009,81802	6,88100	6361	3,80352,53956	6,82692	6411	3,80692,57769	6,77368
6312	3,80016,69902	6,87991	6362	3,80359,36648	6,82584	6412	3,80699,35137	6,77262
6313	3,80023,57893	6,87883	6363	3,80366,19232	6,82478	6413	3,80706,12399	6,77157
6314	3,80030,45776	6,87773	6364	3,80373,01710	6,82370	6414	3,80712,89556	6,77051
6315	3,80037,33549	6,87664	6365	3,80379,84080	6,82263	6415	3,80719,66607	6,76946
6316	3,80044,21213	6,87556	6366	3,80386,66343	6,82156	6416	3,80726,43553	6,76840
6317	3,80051,08769	6,87447	6367	3,80393,48499	6,82048	6417	3,80733,20393	6,76735
6318	3,80057,96216	6,87338	6368	3,80400,30547	6,81942	6418	3,80739,97128	6,76629
6319	3,80064,83554	6,87229	6369	3,80407,12489	6,81834	6419	3,80746,73757	6,76524
6320	3,80071,70783	6,87120	6370	3,80413,94323	6,81728	6420	3,80753,50281	6,76418
6321	3,80078,57903	6,87012	6371	3,80420,76051	6,81620	6421	3,80760,26699	6,76313
6322	3,80085,44915	6,86903	6372	3,80427,57671	6,81514	6422	3,80767,03012	6,76208
6323	3,80092,31818	6,86795	6373	3,80434,39185	6,81406	6423	3,80773,79220	6,76103
6324	3,80099,18613	6,86685	6374	3,80441,20591	6,81300	6424	3,80780,55323	6,75997
6325	3,80106,05298	6,86578	6375	3,80448,01891	6,81193	6425	3,80787,31320	6,75892
6326	3,80112,91876	6,86469	6376	3,80454,83084	6,81086	6426	3,80794,07212	6,75787
6327	3,80119,78345	6,86360	6377	3,80461,64170	6,80979	6427	3,80800,82999	6,75682
6328	3,80126,64705	6,86252	6378	3,80468,45149	6,80873	6428	3,80807,58681	6,75577
6329	3,80133,50957	6,86143	6379	3,80475,26022	6,80765	6429	3,80814,34258	6,75471
6330	3,80140,37100	6,86035	6380	3,80482,06787	6,80659	6430	3,80821,09729	6,75367
6331	3,80147,23135	6,85927	6381	3,80488,87446	6,80553	6431	3,80827,85096	6,75261
6332	3,80154,09062	6,85818	6382	3,80495,67999	6,80445	6432	3,80834,60357	6,75157
6333	3,80160,94880	6,85710	6383	3,80502,48444	6,80339	6433	3,80841,35514	6,75052
6334	3,80167,80590	6,85602	6384	3,80509,28783	6,80233	6434	3,80848,10566	6,74946
6335	3,80174,66192	6,85494	6385	3,80516,09016	6,80126	6435	3,80854,85512	6,74842
6336	3,80181,51686	6,85385	6386	3,80522,89142	6,80020	6436	3,80861,60354	6,74737
6337	3,80188,37071	6,85278	6387	3,80529,69162	6,79913	6437	3,80868,35091	6,74632
6338	3,80195,22349	6,85169	6388	3,80536,49075	6,79806	6438	3,80875,09723	6,74528
6339	3,80202,07518	6,85061	6389	3,80543,28881	6,79701	6439	3,80881,84251	6,74423
6340	3,80208,92579	6,84953	6390	3,80550,08582	6,79593	6440	3,80888,58674	6,74318
6341	3,80215,77532	6,84845	6391	3,80556,88175	6,79488	6441	3,80895,32992	6,74213
6342	3,80222,62377	6,84737	6392	3,80563,67663	6,79381	6442	3,80902,07205	6,74108
6343	3,80229,47114	6,84629	6393	3,80570,47044	6,79275	6443	3,80908,81313	6,74004
6344	3,80236,31743	6,84521	6394	3,80577,26319	6,79169	6444	3,80915,55317	6,73900
6345	3,80243,16264	6,84414	6395	3,80584,05488	6,79063	6445	3,80922,29217	6,73795
6346	3,80250,00678	6,84305	6396	3,80590,84551	6,78956	6446	3,80929,03012	6,73690
6347	3,80256,84983	6,84198	6397	3,80597,63507	6,78850	6447	3,80935,76702	6,73586
6348	3,80263,69181	6,84090	6398	3,80604,42357	6,78745	6448	3,80942,50288	6,73481
6349	3,80270,53271	6,83982	6399	3,80611,21102	6,78638	6449	3,80949,23769	6,73377
6350	3,80277,37253	6,83874	6400	3,80617,99740	6,78532	6450	3,80955,97146	6,73273

Chilias 7.

Chilias 7.

Chilias 7.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6451	3,80962,70419	6,73168	6501	3,81298,01660	6,67992	6551	3,81630,75994	6,62894
6452	3,80969,43587	6,73064	6502	3,81304,69652	6,67888	6552	3,81637,38888	6,62792
6453	3,80976,16651	6,72960	6503	3,81311,37540	6,67786	6553	3,81644,01680	6,62690
6454	3,80982,89611	6,72855	6504	3,81318,05326	6,67683	6554	3,81650,64370	6,62590
6455	3,80989,62466	6,72751	6505	3,81324,73009	6,67580	6555	3,81657,26960	6,62489
6456	3,80996,35217	6,72647	6506	3,81331,40589	6,67478	6556	3,81663,89449	6,62388
6457	3,81003,07864	6,72543	6507	3,81338,08067	6,67376	6557	3,81670,51837	6,62286
6458	3,81009,80407	6,72438	6508	3,81344,75443	6,67272	6558	3,81677,14123	6,62186
6459	3,81016,52845	6,72335	6509	3,81351,42715	6,67171	6559	3,81683,76309	6,62085
6460	3,81023,25180	6,72230	6510	3,81358,09886	6,67067	6560	3,81690,38394	6,61984
6461	3,81029,97410	6,72127	6511	3,81364,76953	6,66966	6561	3,81697,00378	6,61883
6462	3,81036,69537	6,72022	6512	3,81371,43919	6,66863	6562	3,81703,62261	6,61782
6463	3,81043,41559	6,71919	6513	3,81378,10782	6,66760	6563	3,81710,24043	6,61681
6464	3,81050,13478	6,71814	6514	3,81384,77542	6,66658	6564	3,81716,85724	6,61580
6465	3,81056,85292	6,71711	6515	3,81391,44200	6,66556	6565	3,81723,47304	6,61480
6466	3,81063,57003	6,71606	6516	3,81398,10756	6,66454	6566	3,81730,08784	6,61379
6467	3,81070,28609	6,71503	6517	3,81404,77210	6,66351	6567	3,81736,70163	6,61278
6468	3,81077,00112	6,71399	6518	3,81411,43561	6,66249	6568	3,81743,31441	6,61178
6469	3,81083,71511	6,71296	6519	3,81418,09810	6,66147	6569	3,81749,92619	6,61077
6470	3,81090,42807	6,71191	6520	3,81424,75957	6,66045	6570	3,81756,53696	6,60976
6471	3,81097,13998	6,71088	6521	3,81431,42002	6,65943	6571	3,81763,14672	6,60876
6472	3,81103,85086	6,70984	6522	3,81438,07945	6,65840	6572	3,81769,75548	6,60775
6473	3,81110,56070	6,70881	6523	3,81444,73785	6,65739	6573	3,81776,36323	6,60674
6474	3,81117,26951	6,70777	6524	3,81451,39524	6,65636	6574	3,81782,96997	6,60575
6475	3,81123,97728	6,70673	6525	3,81458,05160	6,65535	6575	3,81789,57572	6,60473
6476	3,81130,68401	6,70570	6526	3,81464,70695	6,65432	6576	3,81796,18045	6,60374
6477	3,81137,38971	6,70466	6527	3,81471,36127	6,65330	6577	3,81802,78419	6,60272
6478	3,81144,09437	6,70362	6528	3,81478,01457	6,65229	6578	3,81809,38691	6,60173
6479	3,81150,79799	6,70260	6529	3,81484,66686	6,65127	6579	3,81815,98864	6,60072
6480	3,81157,50059	6,70156	6530	3,81491,31813	6,65025	6580	3,81822,58936	6,59972
6481	3,81164,20215	6,70052	6531	3,81497,96838	6,64923	6581	3,81829,18908	6,59872
6482	3,81170,90267	6,69949	6532	3,81504,61761	6,64821	6582	3,81835,78780	6,59771
6483	3,81177,60216	6,69846	6533	3,81511,26582	6,64719	6583	3,81842,38551	6,59671
6484	3,81184,30062	6,69742	6534	3,81517,91301	6,64618	6584	3,81848,98222	6,59571
6485	3,81190,99804	6,69639	6535	3,81524,55919	6,64516	6585	3,81855,57793	6,59471
6486	3,81197,69443	6,69536	6536	3,81531,20435	6,64415	6586	3,81862,17264	6,59370
6487	3,81204,38979	6,69433	6537	3,81537,84850	6,64312	6587	3,81868,76634	6,59271
6488	3,81211,08412	6,69330	6538	3,81544,49162	6,64212	6588	3,81875,35905	6,59170
6489	3,81217,77742	6,69226	6539	3,81551,13374	6,64109	6589	3,81881,95075	6,59071
6490	3,81224,46968	6,69123	6540	3,81557,77483	6,64008	6590	3,81888,54146	6,58970
6491	3,81231,16091	6,69021	6541	3,81564,41491	6,63907	6591	3,81895,13116	6,58871
6492	3,81237,85112	6,68917	6542	3,81571,05398	6,63805	6592	3,81901,71987	6,58770
6493	3,81244,54029	6,68814	6543	3,81577,69203	6,63704	6593	3,81908,30757	6,58671
6494	3,81251,22843	6,68711	6544	3,81584,32907	6,63602	6594	3,81914,89428	6,58571
6495	3,81257,91554	6,68608	6545	3,81590,96509	6,63501	6595	3,81921,47999	6,58471
6496	3,81264,60162	6,68506	6546	3,81597,60010	6,63399	6596	3,81928,06470	6,58371
6497	3,81271,28668	6,68402	6547	3,81604,23409	6,63298	6597	3,81934,64841	6,58271
6498	3,81277,97070	6,68300	6548	3,81610,86707	6,63197	6598	3,81941,23112	6,58172
6499	3,81284,65370	6,68196	6549	3,81617,49904	6,63096	6599	3,81947,81284	6,58071
6500	3,81291,33566	6,68094	6550	3,81624,13000	6,62994	6600	3,81954,39355	6,57973

Chilias 7.

Chilias 7.

Chilias 7.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6601	3,81960,97328	6,57872	6651	3,82288,69478	6,52927	6701	3,82613,96179	6,48056
6602	3,81967,55200	6,57773	6652	3,82295,22405	6,52829	6702	3,82620,44235	6,47959
6603	3,81974,12973	6,57673	6653	3,82301,75234	6,52731	6703	3,82626,92194	6,47862
6604	3,81980,70646	6,57574	6654	3,82308,27965	6,52633	6704	3,82633,40056	6,47766
6605	3,81987,28220	6,57474	6655	3,82314,80598	6,52535	6705	3,82639,87822	6,47669
6606	3,81993,85694	6,57374	6656	3,82321,33133	6,52437	6706	3,82646,35491	6,47572
6607	3,82000,43068	6,57275	6657	3,82327,85570	6,52338	6707	3,82652,83063	6,47476
6608	3,82007,00343	6,57176	6658	3,82334,37908	6,52241	6708	3,82659,30539	6,47380
6609	3,82013,57519	6,57076	6659	3,82340,90149	6,52143	6709	3,82665,77919	6,47283
6610	3,82020,14595	6,56977	6660	3,82347,42292	6,52045	6710	3,82672,25202	6,47186
6611	3,82026,71572	6,56877	6661	3,82353,94337	6,51947	6711	3,82678,72388	6,47090
6612	3,82033,28449	6,56778	6662	3,82360,46284	6,51849	6712	3,82685,19478	6,46994
6613	3,82039,85227	6,56679	6663	3,82366,98133	6,51751	6713	3,82691,66472	6,46897
6614	3,82046,41906	6,56579	6664	3,82373,49884	6,51653	6714	3,82698,13369	6,46801
6615	3,82052,98485	6,56480	6665	3,82380,01537	6,51556	6715	3,82704,60170	6,46705
6616	3,82059,54965	6,56381	6666	3,82386,53093	6,51458	6716	3,82711,06875	6,46608
6617	3,82066,11346	6,56282	6667	3,82393,04551	6,51361	6717	3,82717,53483	6,46512
6618	3,82072,67628	6,56183	6668	3,82399,55912	6,51262	6718	3,82723,99995	6,46416
6619	3,82079,23811	6,56083	6669	3,82406,07174	6,51165	6719	3,82730,46411	6,46320
6620	3,82085,79894	6,55985	6670	3,82412,58339	6,51068	6720	3,82736,92731	6,46223
6621	3,82092,35879	6,55885	6671	3,82419,09407	6,50969	6721	3,82743,38954	6,46127
6622	3,82098,91764	6,55786	6672	3,82425,60376	6,50873	6722	3,82749,85081	6,46032
6623	3,82105,47550	6,55688	6673	3,82432,11249	6,50774	6723	3,82756,31113	6,45935
6624	3,82112,03238	6,55588	6674	3,82438,62023	6,50677	6724	3,82762,77048	6,45839
6625	3,82118,58826	6,55489	6675	3,82445,12700	6,50580	6725	3,82769,22887	6,45743
6626	3,82125,14315	6,55391	6676	3,82451,63280	6,50482	6726	3,82775,68630	6,45647
6627	3,82131,69706	6,55291	6677	3,82458,13762	6,50385	6727	3,82782,14277	6,45551
6628	3,82138,24997	6,55193	6678	3,82464,64147	6,50288	6728	3,82788,59828	6,45455
6629	3,82144,80190	6,55094	6679	3,82471,14435	6,50190	6729	3,82795,05283	6,45359
6630	3,82151,35284	6,54995	6680	3,82477,64625	6,50093	6730	3,82801,50642	6,45264
6631	3,82157,90279	6,54896	6681	3,82484,14718	6,49995	6731	3,82807,95906	6,45167
6632	3,82164,45175	6,54798	6682	3,82490,64713	6,49898	6732	3,82814,41073	6,45072
6633	3,82170,99973	6,54699	6683	3,82497,14611	6,49801	6733	3,82820,86145	6,44976
6634	3,82177,54672	6,54600	6684	3,82503,64412	6,49704	6734	3,82827,31121	6,44880
6635	3,82184,09272	6,54502	6685	3,82510,14116	6,49607	6735	3,82833,76001	6,44784
6636	3,82190,63774	6,54402	6686	3,82516,63723	6,49509	6736	3,82840,20785	6,44689
6637	3,82197,18176	6,54305	6687	3,82523,13232	6,49412	6737	3,82846,65474	6,44592
6638	3,82203,72481	6,54205	6688	3,82529,62644	6,49316	6738	3,82853,10066	6,44498
6639	3,82210,26686	6,54108	6689	3,82536,11960	6,49218	6739	3,82859,54564	6,44401
6640	3,82216,80794	6,54008	6690	3,82542,61178	6,49121	6740	3,82865,98965	6,44306
6641	3,82223,34802	6,53911	6691	3,82549,10299	6,49024	6741	3,82872,43271	6,44211
6642	3,82229,88713	6,53811	6692	3,82555,59323	6,48927	6742	3,82878,87482	6,44115
6643	3,82236,42524	6,53714	6693	3,82562,08250	6,48830	6743	3,82885,31597	6,44019
6644	3,82242,96238	6,53615	6694	3,82568,57080	6,48733	6744	3,82891,75616	6,43924
6645	3,82249,49853	6,53516	6695	3,82575,05813	6,48637	6745	3,82898,19540	6,43829
6646	3,82256,03369	6,53419	6696	3,82581,54450	6,48539	6746	3,82904,63369	6,43733
6647	3,82262,56788	6,53320	6697	3,82588,02989	6,48443	6747	3,82911,07102	6,43637
6648	3,82269,10108	6,53222	6698	3,82594,51432	6,48346	6748	3,82917,50739	6,43542
6649	3,82275,63330	6,53123	6699	3,82600,99778	6,48249	6749	3,82923,94281	6,43447
6650	3,82282,16453	6,53025	6700	3,82607,48027	6,48152	6750	3,82930,37728	6,43352

Chilias 7.

Chilias 7.

Chilias 7.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6751	3,82936,81080	6,43256	6801	3,83257,27748	6,38528	6851	3,83575,39675	6,33868
6752	3,82943,24336	6,43161	6802	3,83263,66276	6,38434	6852	3,83581,73543	6,33775
6753	3,82949,67497	6,43066	6803	3,83270,04710	6,38339	6853	3,83588,07318	6,33683
6754	3,82956,10563	6,42971	6804	3,83276,43049	6,38246	6854	3,83594,41001	6,33590
6755	3,82962,53534	6,42875	6805	3,83282,81295	6,38153	6855	3,83600,74591	6,33498
6756	3,82968,96409	6,42780	6806	3,83289,19448	6,38058	6856	3,83607,08089	6,33406
6757	3,82975,39189	6,42685	6807	3,83295,57506	6,37965	6857	3,83613,41495	6,33313
6758	3,82981,81874	6,42590	6808	3,83301,95471	6,37871	6858	3,83619,74808	6,33221
6759	3,82988,24464	6,42495	6809	3,83308,33342	6,37777	6859	3,83626,08029	6,33128
6760	3,82994,66959	6,42400	6810	3,83314,71119	6,37684	6860	3,83632,41157	6,33036
6761	3,83001,09359	6,42305	6811	3,83321,08803	6,37590	6861	3,83638,74193	6,32944
6762	3,83007,51664	6,42210	6812	3,83327,46393	6,37496	6862	3,83645,07137	6,32852
6763	3,83013,93874	6,42115	6813	3,83333,83889	6,37403	6863	3,83651,39989	6,32759
6764	3,83020,35989	6,42020	6814	3,83340,21292	6,37310	6864	3,83657,72748	6,32668
6765	3,83026,78009	6,41926	6815	3,83346,58602	6,37216	6865	3,83664,05416	6,32575
6766	3,83033,19935	6,41830	6816	3,83352,95818	6,37122	6866	3,83670,37991	6,32483
6767	3,83039,61765	6,41735	6817	3,83359,32940	6,37029	6867	3,83676,70474	6,32391
6768	3,83046,03500	6,41641	6818	3,83365,69969	6,36935	6868	3,83683,02865	6,32299
6769	3,83052,45141	6,41546	6819	3,83372,06904	6,36843	6869	3,83689,35164	6,32207
6770	3,83058,86687	6,41451	6820	3,83378,43747	6,36748	6870	3,83695,67371	6,32114
6771	3,83065,28138	6,41356	6821	3,83384,80495	6,36656	6871	3,83701,99485	6,32023
6772	3,83071,69494	6,41262	6822	3,83391,17151	6,36562	6872	3,83708,31508	6,31931
6773	3,83078,10756	6,41167	6823	3,83397,53713	6,36469	6873	3,83714,63439	6,31839
6774	3,83084,51923	6,41072	6824	3,83403,90182	6,36375	6874	3,83720,95278	6,31747
6775	3,83090,92995	6,40978	6825	3,83410,26557	6,36282	6875	3,83727,27025	6,31655
6776	3,83097,33973	6,40883	6826	3,83416,62839	6,36190	6876	3,83733,58680	6,31563
6777	3,83103,74856	6,40789	6827	3,83422,99029	6,36095	6877	3,83739,90243	6,31472
6778	3,83110,15645	6,40694	6828	3,83429,35124	6,36003	6878	3,83746,21715	6,31379
6779	3,83116,56339	6,40600	6829	3,83435,71127	6,35910	6879	3,83752,53094	6,31288
6780	3,83122,96939	6,40505	6830	3,83442,07037	6,35816	6880	3,83758,84382	6,31196
6781	3,83129,37444	6,40410	6831	3,83448,42853	6,35724	6881	3,83765,15578	6,31105
6782	3,83135,77854	6,40317	6832	3,83454,78577	6,35630	6882	3,83771,46683	6,31013
6783	3,83142,18171	6,40221	6833	3,83461,14207	6,35538	6883	3,83777,77696	6,30921
6784	3,83148,58392	6,40128	6834	3,83467,49745	6,35444	6884	3,83784,08617	6,30829
6785	3,83154,98520	6,40033	6835	3,83473,85189	6,35351	6885	3,83790,39446	6,30738
6786	3,83161,38553	6,39939	6836	3,83480,20540	6,35259	6886	3,83796,70184	6,30646
6787	3,83167,78492	6,39844	6837	3,83486,55799	6,35166	6887	3,83803,00830	6,30554
6788	3,83174,18336	6,39751	6838	3,83492,90965	6,35072	6888	3,83809,31384	6,30464
6789	3,83180,58087	6,39656	6839	3,83499,26037	6,34980	6889	3,83815,61848	6,30371
6790	3,83186,97743	6,39562	6840	3,83505,61017	6,34887	6890	3,83821,92219	6,30280
6791	3,83193,37305	6,39467	6841	3,83511,95904	6,34794	6891	3,83828,22499	6,30189
6792	3,83199,76772	6,39374	6842	3,83518,30698	6,34702	6892	3,83834,52688	6,30097
6793	3,83206,16146	6,39279	6843	3,83524,65400	6,34609	6893	3,83840,82785	6,30006
6794	3,83212,55425	6,39186	6844	3,83531,00009	6,34516	6894	3,83847,12791	6,29914
6795	3,83218,94611	6,39091	6845	3,83537,34525	6,34423	6895	3,83853,42705	6,29823
6796	3,83225,33702	6,38997	6846	3,83543,68948	6,34331	6896	3,83859,72528	6,29732
6797	3,83231,72699	6,38903	6847	3,83550,03279	6,34238	6897	3,83866,02260	6,29640
6798	3,83238,11602	6,38810	6848	3,83556,37517	6,34145	6898	3,83872,31900	6,29549
6799	3,83244,50412	6,38715	6849	3,83562,71662	6,34053	6899	3,83878,61449	6,29458
6800	3,83250,89127	6,38621	6850	3,83569,05715	6,33960	6900	3,83884,90907	6,29367

Chilias 7.

Chilias 7.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
6901	3,83891,20274	6,29276	6951	3,84204,72885	6,24749	7001	3,84516,00777	6,20287
6902	3,83897,49550	6,29184	6952	3,84210,97634	6,24660	7002	3,84522,21064	6,20199
6903	3,83903,78734	6,29093	6953	3,84217,22294	6,24569	7003	3,84528,41263	6,20111
6904	3,83910,07827	6,29002	6954	3,84223,46863	6,24480	7004	3,84534,61374	6,20022
6905	3,83916,36829	6,28911	6955	3,84229,71343	6,24390	7005	3,84540,81396	6,19934
6906	3,83922,65740	6,28820	6956	3,84235,95733	6,24301	7006	3,84547,01330	6,19845
6907	3,83928,94560	6,28729	6957	3,84242,20034	6,24210	7007	3,84553,21175	6,19757
6908	3,83935,23289	6,28638	6958	3,84248,44244	6,24121	7008	3,84559,40932	6,19668
6909	3,83941,51927	6,28547	6959	3,84254,68365	6,24031	7009	3,84565,60600	6,19580
6910	3,83947,80474	6,28456	6960	3,84260,92396	6,23942	7010	3,84571,80180	6,19491
6911	3,83954,08930	6,28365	6961	3,84267,16338	6,23851	7011	3,84577,99671	6,19403
6912	3,83960,37295	6,28274	6962	3,84273,40189	6,23763	7012	3,84584,19074	6,19315
6913	3,83966,65569	6,28183	6963	3,84279,63952	6,23672	7013	3,84590,38389	6,19226
6914	3,83972,93752	6,28092	6964	3,84285,87624	6,23584	7014	3,84596,57615	6,19139
6915	3,83979,21844	6,28002	6965	3,84292,11208	6,23493	7015	3,84602,76754	6,19050
6916	3,83985,49846	6,27911	6966	3,84298,34701	6,23404	7016	3,84608,95804	6,18961
6917	3,83991,77757	6,27820	6967	3,84304,58105	6,23315	7017	3,84615,14765	6,18874
6918	3,83998,05577	6,27729	6968	3,84310,81420	6,23225	7018	3,84621,33639	6,18785
6919	3,84004,33306	6,27639	6969	3,84317,04645	6,23136	7019	3,84627,52424	6,18697
6920	3,84010,60945	6,27547	6970	3,84323,27781	6,23046	7020	3,84633,71121	6,18609
6921	3,84016,88492	6,27458	6971	3,84329,50827	6,22957	7021	3,84639,89730	6,18521
6922	3,84023,15950	6,27366	6972	3,84335,73784	6,22868	7022	3,84646,08251	6,18433
6923	3,84029,43316	6,27276	6973	3,84341,96652	6,22778	7023	3,84652,26684	6,18345
6924	3,84035,70592	6,27185	6974	3,84348,19430	6,22689	7024	3,84658,45029	6,18257
6925	3,84041,97777	6,27095	6975	3,84354,42119	6,22600	7025	3,84664,63286	6,18169
6926	3,84048,24872	6,27004	6976	3,84360,64719	6,22511	7026	3,84670,81455	6,18080
6927	3,84054,51876	6,26914	6977	3,84366,87230	6,22421	7027	3,84676,99535	6,17993
6928	3,84060,78790	6,26823	6978	3,84373,09651	6,22332	7028	3,84683,17528	6,17905
6929	3,84067,05613	6,26733	6979	3,84379,31983	6,22243	7029	3,84689,35433	6,17817
6930	3,84073,32346	6,26642	6980	3,84385,54226	6,22154	7030	3,84695,53250	6,17729
6931	3,84079,58988	6,26552	6981	3,84391,76380	6,22065	7031	3,84701,70979	6,17642
6932	3,84085,85540	6,26462	6982	3,84397,98445	6,21975	7032	3,84707,88621	6,17553
6933	3,84092,12002	6,26371	6983	3,84404,20420	6,21887	7033	3,84714,06174	6,17466
6934	3,84098,38373	6,26281	6984	3,84410,42307	6,21798	7034	3,84720,23640	6,17378
6935	3,84104,64654	6,26191	6985	3,84416,64105	6,21708	7035	3,84726,41018	6,17290
6936	3,84110,90845	6,26100	6986	3,84422,85813	6,21620	7036	3,84732,58308	6,17202
6937	3,84117,16945	6,26010	6987	3,84429,07433	6,21530	7037	3,84738,75510	6,17115
6938	3,84123,42955	6,25920	6988	3,84435,28963	6,21442	7038	3,84744,92625	6,17027
6939	3,84129,68875	6,25830	6989	3,84441,50405	6,21352	7039	3,84751,09652	6,16939
6940	3,84135,94705	6,25739	6990	3,84447,71757	6,21264	7040	3,84757,26591	6,16852
6941	3,84142,20444	6,25649	6991	3,84453,93021	6,21175	7041	3,84763,43443	6,16764
6942	3,84148,46093	6,25560	6992	3,84460,14196	6,21086	7042	3,84769,60207	6,16677
6943	3,84154,71653	6,25469	6993	3,84466,35282	6,20998	7043	3,84775,76884	6,16589
6944	3,84160,97122	6,25379	6994	3,84472,56280	6,20908	7044	3,84781,93473	6,16501
6945	3,84167,22501	6,25289	6995	3,84478,77188	6,20820	7045	3,84788,09974	6,16414
6946	3,84173,47790	6,25199	6996	3,84484,98008	6,20731	7046	3,84794,26388	6,16327
6947	3,84179,72989	6,25109	6997	3,84491,18739	6,20642	7047	3,84800,42715	6,16239
6948	3,84185,98098	6,25019	6998	3,84497,39381	6,20554	7048	3,84806,58954	6,16152
6949	3,84192,23117	6,24929	6999	3,84503,59935	6,20465	7049	3,84812,75106	6,16064
6950	3,84198,48046	6,24839	7000	3,84509,80400	6,20377	7050	3,84818,91170	6,15977

Chilias 8.

Chilias 8.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7051	3,84825,97147	6,15889	7101	3,85131,95126	6,11554	7151	3,85436,67780	6,07278
7052	3,84831,23036	6,15802	7102	3,85138,06680	6,11467	7152	3,85442,75058	6,07192
7053	3,84837,38838	6,15715	7103	3,85144,18147	6,11381	7153	3,85448,82250	6,07108
7054	3,84843,54553	6,15628	7104	3,85150,29528	6,11295	7154	3,85454,89358	6,07023
7055	3,84849,70181	6,15540	7105	3,85156,40823	6,11209	7155	3,85460,96381	6,06938
7056	3,84855,85721	6,15453	7106	3,85162,52032	6,11122	7156	3,85467,03319	6,06853
7057	3,84862,01174	6,15366	7107	3,85168,63154	6,11037	7157	3,85473,10172	6,06769
7058	3,84868,16540	6,15279	7108	3,85174,74191	6,10951	7158	3,85479,16941	6,06683
7059	3,84874,31819	6,15192	7109	3,85180,85142	6,10865	7159	3,85485,23624	6,06599
7060	3,84880,47011	6,15104	7110	3,85186,96007	6,10779	7160	3,85491,30223	6,06514
7061	3,84886,62115	6,15017	7111	3,85193,06786	6,10694	7161	3,85497,36737	6,06430
7062	3,84892,77132	6,14931	7112	3,85199,17480	6,10607	7162	3,85503,43167	6,06345
7063	3,84898,92063	6,14843	7113	3,85205,28087	6,10521	7163	3,85509,49512	6,06260
7064	3,84905,06906	6,14756	7114	3,85211,38608	6,10436	7164	3,85515,55772	6,06175
7065	3,84911,21662	6,14669	7115	3,85217,49044	6,10350	7165	3,85521,61947	6,06091
7066	3,84917,36331	6,14582	7116	3,85223,59394	6,10264	7166	3,85527,68038	6,06007
7067	3,84923,50913	6,14495	7117	3,85229,69658	6,10179	7167	3,85533,74045	6,05922
7068	3,84929,65408	6,14409	7118	3,85235,79837	6,10092	7168	3,85539,79967	6,05837
7069	3,84935,79817	6,14321	7119	3,85241,89929	6,10007	7169	3,85545,85804	6,05753
7070	3,84941,94138	6,14234	7120	3,85247,99936	6,09922	7170	3,85551,91557	6,05668
7071	3,84948,08372	6,14148	7121	3,85254,09858	6,09835	7171	3,85557,97225	6,05584
7072	3,84954,22520	6,14061	7122	3,85260,19693	6,09750	7172	3,85564,02809	6,05499
7073	3,84960,36581	6,13974	7123	3,85266,29443	6,09665	7173	3,85570,08308	6,05415
7074	3,84966,50555	6,13887	7124	3,85272,39108	6,09579	7174	3,85576,13723	6,05331
7075	3,84972,64442	6,13800	7125	3,85278,48687	6,09493	7175	3,85582,19054	6,05246
7076	3,84978,78242	6,13714	7126	3,85284,58180	6,09408	7176	3,85588,24300	6,05162
7077	3,84984,91956	6,13627	7127	3,85290,67588	6,09322	7177	3,85594,29462	6,05078
7078	3,84991,05583	6,13540	7128	3,85296,76910	6,09237	7178	3,85600,34540	6,04993
7079	3,84997,19123	6,13454	7129	3,85302,86147	6,09152	7179	3,85606,39533	6,04909
7080	3,85003,32577	6,13367	7130	3,85308,95299	6,09065	7180	3,85612,44442	6,04825
7081	3,85009,45944	6,13280	7131	3,85315,04364	6,08981	7181	3,85618,49267	6,04741
7082	3,85015,59224	6,13194	7132	3,85321,13345	6,08895	7182	3,85624,54008	6,04656
7083	3,85021,72418	6,13107	7133	3,85327,22240	6,08810	7183	3,85630,58664	6,04573
7084	3,85027,85525	6,13021	7134	3,85333,31050	6,08725	7184	3,85636,63237	6,04488
7085	3,85033,98546	6,12934	7135	3,85339,39775	6,08639	7185	3,85642,67725	6,04404
7086	3,85040,11480	6,12848	7136	3,85345,48414	6,08554	7186	3,85648,72129	6,04320
7087	3,85046,24328	6,12761	7137	3,85351,56968	6,08468	7187	3,85654,76449	6,04235
7088	3,85052,37089	6,12675	7138	3,85357,65436	6,08384	7188	3,85660,80684	6,04152
7089	3,85058,49764	6,12588	7139	3,85363,73820	6,08298	7189	3,85666,84836	6,04068
7090	3,85064,62352	6,12502	7140	3,85369,82118	6,08213	7190	3,85672,88904	6,03984
7091	3,85070,74854	6,12415	7141	3,85375,90331	6,08128	7191	3,85678,92888	6,03899
7092	3,85076,87269	6,12329	7142	3,85381,98459	6,08042	7192	3,85684,96787	6,03816
7093	3,85082,99598	6,12243	7143	3,85388,06501	6,07958	7193	3,85691,00603	6,03732
7094	3,85089,11841	6,12157	7144	3,85394,14459	6,07872	7194	3,85697,04335	6,03648
7095	3,85095,23998	6,12070	7145	3,85400,22331	6,07788	7195	3,85703,07983	6,03564
7096	3,85101,36068	6,11984	7146	3,85406,30119	6,07702	7196	3,85709,11547	6,03480
7097	3,85107,48052	6,11898	7147	3,85412,37821	6,07617	7197	3,85715,15027	6,03396
7098	3,85113,59950	6,11812	7148	3,85418,45438	6,07533	7198	3,85721,18423	6,03313
7099	3,85119,71762	6,11725	7149	3,85424,52971	6,07447	7199	3,85727,21736	6,03228
7100	3,85125,83487	6,11639	7150	3,85430,60418	6,07362	7200	3,85733,24964	6,03145

Chilias 8.

Chilias 8.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7201	3,85739,28109	6,03061	7251	3,86039,79051	5,98903	7301	3,86338,23484	5,94802
7202	3,85745,31170	6,02978	7252	3,86045,77954	5,98821	7302	3,86344,18286	5,94720
7203	3,85751,34148	6,02893	7253	3,86051,76775	5,98737	7303	3,86350,13006	5,94639
7204	3,85757,37041	6,02811	7254	3,86057,75512	5,98656	7304	3,86356,07645	5,94558
7205	3,85763,39852	6,02726	7255	3,86063,74168	5,98573	7305	3,86362,02203	5,94476
7206	3,85769,42578	6,02643	7256	3,86069,72741	5,98490	7306	3,86367,96679	5,94394
7207	3,85775,45221	6,02559	7257	3,86075,71231	5,98408	7307	3,86373,91073	5,94314
7208	3,85781,47780	6,02475	7258	3,86081,69639	5,98325	7308	3,86379,85387	5,94232
7209	3,85787,50255	6,02392	7259	3,86087,67964	5,98243	7309	3,86385,79619	5,94151
7210	3,85793,52647	6,02309	7260	3,86093,66207	5,98161	7310	3,86391,73770	5,94069
7211	3,85799,54956	6,02225	7261	3,86099,64368	5,98078	7311	3,86397,67839	5,93988
7212	3,85805,57181	6,02141	7262	3,86105,62446	5,97996	7312	3,86403,61827	5,93907
7213	3,85811,59322	6,02058	7263	3,86111,60442	5,97913	7313	3,86409,55734	5,93826
7214	3,85817,61380	6,01974	7264	3,86117,58355	5,97831	7314	3,86415,49560	5,93745
7215	3,85823,63354	6,01891	7265	3,86123,56186	5,97749	7315	3,86421,43305	5,93663
7216	3,85829,65245	6,01808	7266	3,86129,53935	5,97667	7316	3,86427,36968	5,93582
7217	3,85835,67053	6,01724	7267	3,86135,51602	5,97584	7317	3,86433,30550	5,93502
7218	3,85841,68777	6,01641	7268	3,86141,49186	5,97503	7318	3,86439,24052	5,93420
7219	3,85847,70418	6,01558	7269	3,86147,46689	5,97420	7319	3,86445,17472	5,93339
7220	3,85853,71976	6,01474	7270	3,86153,44109	5,97337	7320	3,86451,10811	5,93258
7221	3,85859,73450	6,01391	7271	3,86159,41446	5,97256	7321	3,86457,04069	5,93176
7222	3,85865,74841	6,01308	7272	3,86165,38702	5,97174	7322	3,86462,97245	5,93096
7223	3,85871,76149	6,01224	7273	3,86171,35876	5,97091	7323	3,86468,90341	5,93015
7224	3,85877,77373	6,01141	7274	3,86177,32967	5,97010	7324	3,86474,83356	5,92934
7225	3,85883,78514	6,01058	7275	3,86183,29977	5,96927	7325	3,86480,76290	5,92853
7226	3,85889,79572	6,00975	7276	3,86189,26904	5,96845	7326	3,86486,69143	5,92772
7227	3,85895,80547	6,00892	7277	3,86195,23749	5,96764	7327	3,86492,61915	5,92692
7228	3,85901,81439	6,00808	7278	3,86201,20513	5,96681	7328	3,86498,54607	5,92610
7229	3,85907,82247	6,00726	7279	3,86207,17194	5,96599	7329	3,86504,47217	5,92529
7230	3,85913,82973	6,00642	7280	3,86213,13793	5,96518	7330	3,86510,39746	5,92449
7231	3,85919,83615	6,00560	7281	3,86219,10311	5,96435	7331	3,86516,32195	5,92368
7232	3,85925,84175	6,00476	7282	3,86225,06746	5,96354	7332	3,86522,24563	5,92287
7233	3,85931,84651	6,00393	7283	3,86231,03100	5,96271	7333	3,86528,16850	5,92206
7234	3,85937,85044	6,00311	7284	3,86236,99371	5,96190	7334	3,86534,09056	5,92126
7235	3,85943,85355	6,00227	7285	3,86242,95561	5,96108	7335	3,86540,01182	5,92045
7236	3,85949,85582	6,00144	7286	3,86248,91669	5,96026	7336	3,86545,93227	5,91964
7237	3,85955,85726	6,00062	7287	3,86254,87695	5,95945	7337	3,86551,85191	5,91883
7238	3,85961,85788	5,99978	7288	3,86260,83640	5,95862	7338	3,86557,77074	5,91803
7239	3,85967,85766	5,99896	7289	3,86266,79502	5,95781	7339	3,86563,68877	5,91722
7240	3,85973,85662	5,99813	7290	3,86272,75283	5,95699	7340	3,86569,60599	5,91642
7241	3,85979,85475	5,99730	7291	3,86278,70982	5,95618	7341	3,86575,52241	5,91561
7242	3,85985,85205	5,99647	7292	3,86284,66600	5,95536	7342	3,86581,43802	5,91480
7243	3,85991,84852	5,99564	7293	3,86290,62136	5,95454	7343	3,86587,35282	5,91400
7244	3,85997,84416	5,99482	7294	3,86296,57590	5,95372	7344	3,86593,26682	5,91319
7245	3,86003,83898	5,99399	7295	3,86302,52962	5,95291	7345	3,86599,18001	5,91239
7246	3,86009,83297	5,99316	7296	3,86308,48253	5,95210	7346	3,86605,09240	5,91158
7247	3,86015,82613	5,99234	7297	3,86314,43463	5,95127	7347	3,86611,00398	5,91078
7248	3,86021,81847	5,99151	7298	3,86320,38590	5,95047	7348	3,86616,91476	5,90998
7249	3,86027,80998	5,99068	7299	3,86326,33637	5,94964	7349	3,86622,82474	5,90917
7250	3,86033,80066	5,98985	7300	3,86332,28601	5,94883	7350	3,86628,73391	5,90836

Chilias 8.

Chilias 8.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
735 ¹	3,86634,64227	5,90757	740 ¹	3,86929,04042	5,86766	745 ¹	3,87221,45634	5,82828
735 ²	3,86640,54984	5,90676	740 ²	3,86934,90808	5,86686	745 ²	3,87227,28462	5,82750
735 ³	3,86646,45660	5,90595	740 ³	3,86940,77494	5,86607	745 ³	3,87233,11212	5,82672
735 ⁴	3,86652,36255	5,90516	740 ⁴	3,86946,64101	5,86528	745 ⁴	3,87238,93884	5,82594
735 ⁵	3,86658,26771	5,90435	740 ⁵	3,86952,50629	5,86448	745 ⁵	3,87244,76478	5,82515
735 ⁶	3,86664,17206	5,90354	740 ⁶	3,86958,37077	5,86370	745 ⁶	3,87250,58993	5,82438
735 ⁷	3,86670,07560	5,90275	740 ⁷	3,86964,23447	5,86290	745 ⁷	3,87256,41431	5,82359
735 ⁸	3,86675,97835	5,90194	740 ⁸	3,86970,09737	5,86211	745 ⁸	3,87262,23790	5,82282
735 ⁹	3,86681,88029	5,90114	740 ⁹	3,86975,95948	5,86132	745 ⁹	3,87268,06072	5,82203
736 ⁰	3,86687,78143	5,90034	741 ⁰	3,86981,82080	5,86053	746 ⁰	3,87273,88275	5,82125
736 ¹	3,86693,68177	5,89954	741 ¹	3,86987,68133	5,85973	746 ¹	3,87279,70400	5,82047
736 ²	3,86699,58131	5,89874	741 ²	3,86993,54106	5,85895	746 ²	3,87285,52447	5,81969
736 ³	3,86705,48005	5,89793	741 ³	3,86999,40001	5,85816	746 ³	3,87291,34416	5,81891
736 ⁴	3,86711,37798	5,89714	741 ⁴	3,87005,25817	5,85737	746 ⁴	3,87297,16307	5,81814
736 ⁵	3,86717,27512	5,89633	741 ⁵	3,87011,11554	5,85657	746 ⁵	3,87302,98121	5,81735
736 ⁶	3,86723,17145	5,89554	741 ⁶	3,87016,97211	5,85579	746 ⁶	3,87308,79856	5,81657
736 ⁷	3,86729,06699	5,89473	741 ⁷	3,87022,82790	5,85500	746 ⁷	3,87314,61513	5,81580
736 ⁸	3,86734,96172	5,89393	741 ⁸	3,87028,68290	5,85421	746 ⁸	3,87320,43093	5,81501
736 ⁹	3,86740,85565	5,89314	741 ⁹	3,87034,53711	5,85342	746 ⁹	3,87326,24594	5,81424
737 ⁰	3,86746,74879	5,89233	742 ⁰	3,87040,39053	5,85263	747 ⁰	3,87332,06018	5,81346
737 ¹	3,86752,64112	5,89153	742 ¹	3,87046,24316	5,85184	747 ¹	3,87337,87364	5,81268
737 ²	3,86758,53265	5,89074	742 ²	3,87052,09500	5,85106	747 ²	3,87343,68632	5,81191
737 ³	3,86764,42339	5,88994	742 ³	3,87057,94606	5,85026	747 ³	3,87349,49823	5,81112
737 ⁴	3,86770,31333	5,88914	742 ⁴	3,87063,79632	5,84948	747 ⁴	3,87355,30935	5,81035
737 ⁵	3,86776,20247	5,88833	742 ⁵	3,87069,64580	5,84869	747 ⁵	3,87361,11970	5,80957
737 ⁶	3,86782,09080	5,88755	742 ⁶	3,87075,49449	5,84790	747 ⁶	3,87366,92927	5,80879
737 ⁷	3,86787,97835	5,88674	742 ⁷	3,87081,34239	5,84712	747 ⁷	3,87372,73806	5,80802
737 ⁸	3,86793,86509	5,88594	742 ⁸	3,87087,18951	5,84632	747 ⁸	3,87378,54608	5,80724
737 ⁹	3,86799,75103	5,88515	742 ⁹	3,87093,03583	5,84555	747 ⁹	3,87384,35332	5,80647
738 ⁰	3,86805,63618	5,88435	743 ⁰	3,87098,88138	5,84475	748 ⁰	3,87390,15979	5,80568
738 ¹	3,86811,52053	5,88356	743 ¹	3,87104,72613	5,84397	748 ¹	3,87395,96547	5,80492
738 ²	3,86817,40409	5,88275	743 ²	3,87110,57010	5,84318	748 ²	3,87401,77039	5,80413
738 ³	3,86823,28684	5,88196	743 ³	3,87116,41328	5,84240	748 ³	3,87407,57452	5,80336
738 ⁴	3,86829,16880	5,88116	743 ⁴	3,87122,25568	5,84161	748 ⁴	3,87413,37788	5,80259
738 ⁵	3,86835,04996	5,88037	743 ⁵	3,87128,09729	5,84082	748 ⁵	3,87419,18047	5,80181
738 ⁶	3,86840,93033	5,87957	743 ⁶	3,87133,93811	5,84004	748 ⁶	3,87424,98228	5,80103
738 ⁷	3,86846,80990	5,87878	743 ⁷	3,87139,77815	5,83925	748 ⁷	3,87430,78331	5,80026
738 ⁸	3,86852,68868	5,87798	743 ⁸	3,87145,61740	5,83847	748 ⁸	3,87436,58357	5,79949
738 ⁹	3,86858,56666	5,87718	743 ⁹	3,87151,45587	5,83768	748 ⁹	3,87442,38306	5,79871
739 ⁰	3,86864,44384	5,87639	744 ⁰	3,87157,29355	5,83690	749 ⁰	3,87448,18177	5,79794
739 ¹	3,86870,32023	5,87559	744 ¹	3,87163,13045	5,83612	749 ¹	3,87453,97971	5,79716
739 ²	3,86876,19582	5,87480	744 ²	3,87168,96657	5,83533	749 ²	3,87459,77687	5,79639
739 ³	3,86882,07062	5,87400	744 ³	3,87174,80190	5,83455	749 ³	3,87465,57326	5,79562
739 ⁴	3,86887,94462	5,87321	744 ⁴	3,87180,63645	5,83376	749 ⁴	3,87471,36888	5,79484
739 ⁵	3,86893,81783	5,87242	744 ⁵	3,87186,47021	5,83298	749 ⁵	3,87477,16372	5,79407
739 ⁶	3,86899,69025	5,87162	744 ⁶	3,87192,30319	5,83219	749 ⁶	3,87482,95779	5,79329
739 ⁷	3,86905,56187	5,87083	744 ⁷	3,87198,13538	5,83142	749 ⁷	3,87488,75108	5,79253
739 ⁸	3,86911,43270	5,87003	744 ⁸	3,87203,96680	5,83063	749 ⁸	3,87494,54361	5,79175
739 ⁹	3,86917,30273	5,86924	744 ⁹	3,87209,79743	5,82984	749 ⁹	3,87500,33536	5,79098
740 ⁰	3,86923,17197	5,86845	745 ⁰	3,87215,62727	5,82907	750 ⁰	3,87506,12634	5,79021

Chilias 8.

Chilias 8.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7501	3,87511,91655	5,78943	7551	3,87800,44703	5,75110	7601	3,88087,07325	5,71328
7502	3,87517,70598	5,78867	7552	3,87806,19813	5,75034	7602	3,88092,78653	5,71252
7503	3,87523,49465	5,78789	7553	3,87811,94847	5,74958	7603	3,88098,49905	5,71177
7504	3,87529,28254	5,78712	7554	3,87817,69805	5,74882	7604	3,88104,21082	5,71102
7505	3,87535,06966	5,78635	7555	3,87823,44687	5,74805	7605	3,88109,92184	5,71027
7506	3,87540,85601	5,78558	7556	3,87829,19492	5,74730	7606	3,88115,63211	5,70952
7507	3,87546,64159	5,78480	7557	3,87834,94222	5,74654	7607	3,88121,34163	5,70876
7508	3,87552,42639	5,78404	7558	3,87840,68876	5,74577	7608	3,88127,05039	5,70802
7509	3,87558,21043	5,78327	7559	3,87846,43453	5,74502	7609	3,88132,75841	5,70727
7510	3,87563,99370	5,78250	7560	3,87852,17955	5,74426	7610	3,88138,46568	5,70651
7511	3,87569,77620	5,78173	7561	3,87857,92381	5,74349	7611	3,88144,17219	5,70577
7512	3,87575,55793	5,78095	7562	3,87863,66730	5,74274	7612	3,88149,87796	5,70502
7513	3,87581,33888	5,78019	7563	3,87869,41004	5,74198	7613	3,88155,58298	5,70427
7514	3,87587,11907	5,77942	7564	3,87875,15202	5,74122	7614	3,88161,28725	5,70352
7515	3,87592,89849	5,77865	7565	3,87880,89324	5,74046	7615	3,88166,99077	5,70277
7516	3,87598,67714	5,77788	7566	3,87886,63370	5,73970	7616	3,88172,69354	5,70202
7517	3,87604,45502	5,77712	7567	3,87892,37340	5,73894	7617	3,88178,39556	5,70127
7518	3,87610,23214	5,77634	7568	3,87898,11234	5,73818	7618	3,88184,09683	5,70053
7519	3,87616,00848	5,77558	7569	3,87903,85052	5,73743	7619	3,88189,79736	5,69977
7520	3,87621,78406	5,77481	7570	3,87909,58795	5,73667	7620	3,88195,49713	5,69903
7521	3,87627,55887	5,77404	7571	3,87915,32462	5,73591	7621	3,88201,19616	5,69828
7522	3,87633,33291	5,77327	7572	3,87921,06053	5,73515	7622	3,88206,89444	5,69754
7523	3,87639,10618	5,77251	7573	3,87926,79568	5,73440	7623	3,88212,59198	5,69678
7524	3,87644,87869	5,77174	7574	3,87932,53008	5,73364	7624	3,88218,28876	5,69604
7525	3,87650,65043	5,77097	7575	3,87938,26372	5,73288	7625	3,88223,98480	5,69529
7526	3,87656,42140	5,77020	7576	3,87943,99660	5,73212	7626	3,88229,68009	5,69455
7527	3,87662,19160	5,76944	7577	3,87949,72872	5,73137	7627	3,88235,37464	5,69380
7528	3,87667,96104	5,76867	7578	3,87955,46009	5,73062	7628	3,88241,06844	5,69305
7529	3,87673,72971	5,76791	7579	3,87961,19071	5,72985	7629	3,88246,76149	5,69231
7530	3,87679,49762	5,76714	7580	3,87966,92056	5,72910	7630	3,88252,45380	5,69156
7531	3,87685,26476	5,76637	7581	3,87972,64966	5,72835	7631	3,88258,14536	5,69081
7532	3,87691,03113	5,76561	7582	3,87978,37801	5,72759	7632	3,88263,83617	5,69007
7533	3,87696,79674	5,76485	7583	3,87984,10560	5,72683	7633	3,88269,52624	5,68932
7534	3,87702,56159	5,76408	7584	3,87989,83243	5,72608	7634	3,88275,21556	5,68858
7535	3,87708,32567	5,76331	7585	3,87995,55851	5,72533	7635	3,88280,90414	5,68783
7536	3,87714,08898	5,76255	7586	3,88001,28384	5,72457	7636	3,88286,59197	5,68709
7537	3,87719,85153	5,76178	7587	3,88007,00841	5,72381	7637	3,88292,27906	5,68634
7538	3,87725,61331	5,76102	7588	3,88012,73222	5,72306	7638	3,88297,96540	5,68560
7539	3,87731,37433	5,76026	7589	3,88018,45528	5,72231	7639	3,88303,65100	5,68486
7540	3,87737,13459	5,75949	7590	3,88024,17759	5,72155	7640	3,88309,33586	5,68411
7541	3,87742,89408	5,75873	7591	3,88029,89914	5,72080	7641	3,88315,01997	5,68337
7542	3,87748,65281	5,75796	7592	3,88035,61994	5,72005	7642	3,88320,70334	5,68262
7543	3,87754,41077	5,75720	7593	3,88041,33999	5,71929	7643	3,88326,38596	5,68188
7544	3,87760,16797	5,75644	7594	3,88047,05928	5,71854	7644	3,88332,06784	5,68113
7545	3,87765,92441	5,75568	7595	3,88052,77782	5,71779	7645	3,88337,74897	5,68040
7546	3,87771,68009	5,75491	7596	3,88058,49561	5,71703	7646	3,88343,42937	5,67965
7547	3,87777,43500	5,75415	7597	3,88064,21264	5,71628	7647	3,88349,10902	5,67891
7548	3,87783,18915	5,75339	7598	3,88069,92892	5,71553	7648	3,88354,78793	5,67816
7549	3,87788,94254	5,75262	7599	3,88075,64445	5,71478	7649	3,88360,46609	5,67743
7550	3,87794,69516	5,75187	7600	3,88081,35923	5,71402	7650	3,88366,14352	5,67668

7651

Chilias 8.

Chilias 8.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7651	3,88371,82020	5,67594	7701	3,88654,71234	5,63909	7751	3,88935,77369	5,60271
7652	3,88377,49614	5,67519	7702	3,88660,35143	5,63836	7752	3,88941,37640	5,60200
7653	3,88383,17133	5,67446	7703	3,88665,98979	5,63762	7753	3,88946,97840	5,60127
7654	3,88388,84579	5,67371	7704	3,88671,62741	5,63690	7754	3,88952,57967	5,60054
7655	3,88394,51950	5,67298	7705	3,88677,26431	5,63616	7755	3,88958,18021	5,59983
7656	3,88400,19248	5,67223	7706	3,88682,90047	5,63543	7756	3,88963,78004	5,59910
7657	3,88405,86471	5,67149	7707	3,88688,53590	5,63470	7757	3,88969,37914	5,59839
7658	3,88411,53620	5,67075	7708	3,88694,17060	5,63397	7758	3,88974,97753	5,59766
7659	3,88417,20695	5,67001	7709	3,88699,80457	5,63324	7759	3,88980,57519	5,59694
7660	3,88422,87696	5,66927	7710	3,88705,43781	5,63250	7760	3,88986,17213	5,59621
7661	3,88428,54623	5,66853	7711	3,88711,07031	5,63178	7761	3,88991,76834	5,59550
7662	3,88434,21476	5,66780	7712	3,88716,70209	5,63105	7762	3,88997,36384	5,59478
7663	3,88439,88256	5,66705	7713	3,88722,33314	5,63031	7763	3,89002,95862	5,59405
7664	3,88445,54961	5,66631	7714	3,88727,96345	5,62959	7764	3,89008,55267	5,59334
7665	3,88451,21592	5,66557	7715	3,88733,59304	5,62886	7765	3,89014,14601	5,59261
7666	3,88456,88149	5,66484	7716	3,88739,22190	5,62812	7766	3,89019,73862	5,59190
7667	3,88462,54633	5,66409	7717	3,88744,85002	5,62740	7767	3,89025,33052	5,59117
7668	3,88468,21042	5,66336	7718	3,88750,47742	5,62667	7768	3,89030,92169	5,59045
7669	3,88473,87378	5,66261	7719	3,88756,10409	5,62594	7769	3,89036,51214	5,58974
7670	3,88479,53639	5,66188	7720	3,88761,73003	5,62522	7770	3,89042,10188	5,58902
7671	3,88485,19827	5,66115	7721	3,88767,35525	5,62448	7771	3,89047,69090	5,58829
7672	3,88490,85942	5,66040	7722	3,88772,97973	5,62375	7772	3,89053,27919	5,58758
7673	3,88496,51982	5,65967	7723	3,88778,60348	5,62303	7773	3,89058,86677	5,58686
7674	3,88502,17949	5,65892	7724	3,88784,22651	5,62230	7774	3,89064,45363	5,58614
7675	3,88507,83841	5,65820	7725	3,88789,84881	5,62157	7775	3,89070,03977	5,58542
7676	3,88513,49661	5,65745	7726	3,88795,47038	5,62084	7776	3,89075,62519	5,58471
7677	3,88519,15406	5,65672	7727	3,88801,09122	5,62012	7777	3,89081,20990	5,58398
7678	3,88524,81078	5,65598	7728	3,88806,71134	5,61939	7778	3,89086,79388	5,58327
7679	3,88530,46676	5,65524	7729	3,88812,33073	5,61866	7779	3,89092,37715	5,58255
7680	3,88536,12200	5,65451	7730	3,88817,94939	5,61794	7780	3,89097,95970	5,58183
7681	3,88541,77651	5,65377	7731	3,88823,56733	5,61721	7781	3,89103,54153	5,58112
7682	3,88547,43028	5,65304	7732	3,88829,18454	5,61648	7782	3,89109,12265	5,58039
7683	3,88553,08332	5,65230	7733	3,88834,80102	5,61575	7783	3,89114,70304	5,57969
7684	3,88558,73562	5,65156	7734	3,88840,41677	5,61503	7784	3,89120,28273	5,57896
7685	3,88564,38718	5,65083	7735	3,88846,03180	5,61431	7785	3,89125,86169	5,57825
7686	3,88570,03801	5,65010	7736	3,88851,64611	5,61358	7786	3,89131,43994	5,57753
7687	3,88575,68811	5,64936	7737	3,88857,25969	5,61285	7787	3,89137,01747	5,57681
7688	3,88581,33747	5,64862	7738	3,88862,87254	5,61213	7788	3,89142,59428	5,57610
7689	3,88586,98609	5,64789	7739	3,88868,48467	5,61140	7789	3,89148,17038	5,57539
7690	3,88592,63398	5,64716	7740	3,88874,09607	5,61068	7790	3,89153,74577	5,57466
7691	3,88598,28114	5,64642	7741	3,88879,70675	5,60995	7791	3,89159,32043	5,57396
7692	3,88603,92756	5,64568	7742	3,88885,31670	5,60923	7792	3,89164,89439	5,57323
7693	3,88609,57324	5,64496	7743	3,88890,92593	5,60850	7793	3,89170,46762	5,57253
7694	3,88615,21820	5,64422	7744	3,88896,53443	5,60778	7794	3,89176,04015	5,57180
7695	3,88620,86242	5,64348	7745	3,88902,14221	5,60706	7795	3,89181,61195	5,57109
7696	3,88626,50590	5,64276	7746	3,88907,74927	5,60633	7796	3,89187,18304	5,57038
7697	3,88632,14866	5,64202	7747	3,88913,35560	5,60560	7797	3,89192,75342	5,56967
7698	3,88637,79068	5,64128	7748	3,88918,96120	5,60489	7798	3,89198,32309	5,56894
7699	3,88643,43196	5,64056	7749	3,88924,56609	5,60416	7799	3,89203,89203	5,56824
7700	3,88649,07252	5,63982	7750	3,88930,17025	5,60344	7800	3,89209,46027	5,56752

Chilias 8.

Chilias 8.

Chilias 8.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7801	3,89215,02779	5,56681	7851	3,89492,49774	5,53135	7901	3,89768,20618	5,49635
7802	3,89220,59460	5,56609	7852	3,89498,02909	5,53066	7902	3,89773,70253	5,49566
7803	3,89226,16069	5,56538	7853	3,89503,55975	5,52994	7903	3,89779,19819	5,49497
7804	3,89231,72607	5,56467	7854	3,89509,08969	5,52925	7904	3,89784,69316	5,49427
7805	3,89237,29074	5,56395	7855	3,89514,61894	5,52854	7905	3,89790,18743	5,49357
7806	3,89242,85469	5,56325	7856	3,89520,14748	5,52783	7906	3,89795,68100	5,49288
7807	3,89248,41794	5,56253	7857	3,89525,67531	5,52714	7907	3,89801,17388	5,49218
7808	3,89253,98047	5,56181	7858	3,89531,20245	5,52643	7908	3,89806,66606	5,49149
7809	3,89259,54228	5,56111	7859	3,89536,72888	5,52572	7909	3,89812,15755	5,49080
7810	3,89265,10339	5,56039	7860	3,89542,25460	5,52503	7910	3,89817,64835	5,49010
7811	3,89270,66378	5,55968	7861	3,89547,77963	5,52432	7911	3,89823,13845	5,48941
7812	3,89276,22346	5,55897	7862	3,89553,30395	5,52362	7912	3,89828,62786	5,48871
7813	3,89281,78243	5,55826	7863	3,89558,82757	5,52291	7913	3,89834,11657	5,48802
7814	3,89287,34069	5,55755	7864	3,89564,35048	5,52222	7914	3,89839,60459	5,48733
7815	3,89292,89824	5,55683	7865	3,89569,87270	5,52151	7915	3,89845,09192	5,48663
7816	3,89298,45507	5,55613	7866	3,89575,39421	5,52081	7916	3,89850,57855	5,48594
7817	3,89304,01120	5,55541	7867	3,89580,91502	5,52010	7917	3,89856,06449	5,48525
7818	3,89309,56661	5,55470	7868	3,89586,43512	5,51941	7918	3,89861,54974	5,48456
7819	3,89315,12131	5,55400	7869	3,89591,95453	5,51871	7919	3,89867,03430	5,48386
7820	3,89320,67531	5,55328	7870	3,89597,47324	5,51800	7920	3,89872,51816	5,48317
7821	3,89326,22859	5,55257	7871	3,89602,99124	5,51730	7921	3,89878,00133	5,48248
7822	3,89331,78116	5,55186	7872	3,89608,50854	5,51660	7922	3,89883,48381	5,48178
7823	3,89337,33302	5,55116	7873	3,89614,02514	5,51591	7923	3,89888,96559	5,48110
7824	3,89342,88418	5,55044	7874	3,89619,54105	5,51520	7924	3,89894,44669	5,48040
7825	3,89348,43462	5,54974	7875	3,89625,05625	5,51450	7925	3,89899,92709	5,47971
7826	3,89353,98436	5,54902	7876	3,89630,57075	5,51380	7926	3,89905,40680	5,47902
7827	3,89359,53338	5,54832	7877	3,89636,08455	5,51310	7927	3,89910,88582	5,47833
7828	3,89365,08170	5,54761	7878	3,89641,59765	5,51240	7928	3,89916,36415	5,47764
7829	3,89370,62931	5,54690	7879	3,89647,11005	5,51170	7929	3,89921,84179	5,47694
7830	3,89376,17621	5,54619	7880	3,89652,62175	5,51100	7930	3,89927,31873	5,47626
7831	3,89381,72240	5,54548	7881	3,89658,13275	5,51030	7931	3,89932,79499	5,47556
7832	3,89387,26788	5,54477	7882	3,89663,64305	5,50961	7932	3,89938,27055	5,47488
7833	3,89392,81265	5,54407	7883	3,89669,15266	5,50890	7933	3,89943,74543	5,47418
7834	3,89398,35672	5,54336	7884	3,89674,66156	5,50821	7934	3,89949,21961	5,47350
7835	3,89403,90008	5,54265	7885	3,89680,16977	5,50750	7935	3,89954,69311	5,47280
7836	3,89409,44273	5,54195	7886	3,89685,67727	5,50681	7936	3,89960,16591	5,47212
7837	3,89414,98468	5,54123	7887	3,89691,18408	5,50611	7937	3,89965,63803	5,47143
7838	3,89420,52591	5,54053	7888	3,89696,69019	5,50542	7938	3,89971,10946	5,47073
7839	3,89426,06644	5,53983	7889	3,89702,19561	5,50471	7939	3,89976,58019	5,47005
7840	3,89431,60627	5,53912	7890	3,89707,70032	5,50402	7940	3,89982,05024	5,46936
7841	3,89437,14539	5,53841	7891	3,89713,20434	5,50332	7941	3,89987,51960	5,46867
7842	3,89442,68380	5,53770	7892	3,89718,70766	5,50262	7942	3,89992,98827	5,46798
7843	3,89448,22150	5,53700	7893	3,89724,21028	5,50193	7943	3,89998,45625	5,46730
7844	3,89453,75850	5,53629	7894	3,89729,71221	5,50122	7944	3,90003,92355	5,46660
7845	3,89459,29479	5,53559	7895	3,89735,21343	5,50054	7945	3,90009,39015	5,46592
7846	3,89464,83038	5,53488	7896	3,89740,71397	5,49983	7946	3,90014,85607	5,46523
7847	3,89470,36526	5,53418	7897	3,89746,21380	5,49914	7947	3,90020,32130	5,46454
7848	3,89475,89944	5,53347	7898	3,89751,71294	5,49844	7948	3,90025,78584	5,46386
7849	3,89481,43291	5,53276	7899	3,89757,21138	5,49775	7949	3,90031,24970	5,46317
7850	3,89486,96567	5,53207	7900	3,89762,70913	5,49705	7950	3,90036,71287	5,46248

Chilias 8.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
7951	3.90042,17535	5,46179	8001	3.90314,42704	5,42766	8051	3.90584,98266	5,39396
7952	3.90047,63714	5,46111	8002	3.90319,85470	5,42699	8052	3.90590,37662	5,39329
7953	3.90053,09825	5,46041	8003	3.90325,28169	5,42631	8053	3.90595,76991	5,39262
7954	3.90058,55866	5,45974	8004	3.90330,70800	5,42563	8054	3.90601,16253	5,39195
7955	3.90064,01840	5,45905	8005	3.90336,13363	5,42495	8055	3.90606,55448	5,39127
7956	3.90069,47745	5,45836	8006	3.90341,55858	5,42427	8056	3.90611,94575	5,39061
7957	3.90074,93581	5,45767	8007	3.90346,98285	5,42360	8057	3.90617,33636	5,38995
7958	3.90080,39348	5,45699	8008	3.90352,40645	5,42292	8058	3.90622,72631	5,38927
7959	3.90085,85047	5,45630	8009	3.90357,82937	5,42224	8059	3.90628,11558	5,38860
7960	3.90091,30677	5,45562	8010	3.90363,25161	5,42156	8060	3.90633,50418	5,38794
7961	3.90096,76239	5,45493	8011	3.90368,67317	5,42089	8061	3.90638,89212	5,38726
7962	3.90102,21732	5,45425	8012	3.90374,09406	5,42021	8062	3.90644,27938	5,38660
7963	3.90107,67157	5,45357	8013	3.90379,51427	5,41954	8063	3.90649,66598	5,38593
7964	3.90113,12514	5,45287	8014	3.90384,93381	5,41886	8064	3.90655,05191	5,38526
7965	3.90118,57801	5,45220	8015	3.90390,35267	5,41818	8065	3.90660,43717	5,38460
7966	3.90124,03021	5,45151	8016	3.90395,77085	5,41751	8066	3.90665,82177	5,38392
7967	3.90129,48172	5,45082	8017	3.90401,18836	5,41683	8067	3.90671,20569	5,38326
7968	3.90134,93254	5,45014	8018	3.90406,60519	5,41616	8068	3.90676,58895	5,38260
7969	3.90140,38268	5,44946	8019	3.90412,02135	5,41548	8069	3.90681,97155	5,38192
7970	3.90145,83214	5,44877	8020	3.90417,43683	5,41480	8070	3.90687,35347	5,38126
7971	3.90151,28091	5,44809	8021	3.90422,85163	5,41413	8071	3.90692,73473	5,38059
7972	3.90156,72900	5,44741	8022	3.90428,26576	5,41346	8072	3.90698,11532	5,37993
7973	3.90162,17641	5,44672	8023	3.90433,67922	5,41278	8073	3.90703,49525	5,37926
7974	3.90167,62313	5,44604	8024	3.90439,09200	5,41211	8074	3.90708,87451	5,37859
7975	3.90173,06917	5,44536	8025	3.90444,50411	5,41143	8075	3.90714,25310	5,37793
7976	3.90178,51453	5,44468	8026	3.90449,91554	5,41076	8076	3.90719,63103	5,37726
7977	3.90183,95921	5,44399	8027	3.90455,32630	5,41008	8077	3.90725,00829	5,37659
7978	3.90189,40320	5,44331	8028	3.90460,73638	5,40941	8078	3.90730,38488	5,37593
7979	3.90194,84651	5,44263	8029	3.90466,14579	5,40874	8079	3.90735,76081	5,37527
7980	3.90200,28914	5,44194	8030	3.90471,55453	5,40806	8080	3.90741,13608	5,37460
7981	3.90205,73108	5,44126	8031	3.90476,96259	5,40739	8081	3.90746,51068	5,37393
7982	3.90211,17234	5,44059	8032	3.90482,36998	5,40672	8082	3.90751,88461	5,37327
7983	3.90216,61293	5,43990	8033	3.90487,77670	5,40604	8083	3.90757,25788	5,37260
7984	3.90222,05283	5,43922	8034	3.90493,18274	5,40537	8084	3.90762,63048	5,37194
7985	3.90227,49205	5,43854	8035	3.90498,58811	5,40470	8085	3.90768,00242	5,37128
7986	3.90232,93059	5,43785	8036	3.90503,99281	5,40402	8086	3.90773,37370	5,37061
7987	3.90238,36844	5,43718	8037	3.90509,39683	5,40336	8087	3.90778,74431	5,36995
7988	3.90243,80562	5,43650	8038	3.90514,80019	5,40268	8088	3.90784,11426	5,36928
7989	3.90249,24212	5,43581	8039	3.90520,20287	5,40200	8089	3.90789,48354	5,36862
7990	3.90254,67793	5,43514	8040	3.90525,60487	5,40134	8090	3.90794,85216	5,36796
7991	3.90260,11307	5,43445	8041	3.90531,00621	5,40067	8091	3.90800,22012	5,36729
7992	3.90265,54752	5,43378	8042	3.90536,40688	5,39999	8092	3.90805,58741	5,36663
7993	3.90270,98130	5,43309	8043	3.90541,80687	5,39932	8093	3.90810,95404	5,36597
7994	3.90276,41439	5,43242	8044	3.90547,20619	5,39865	8094	3.90816,32001	5,36530
7995	3.90281,84681	5,43173	8045	3.90552,60484	5,39798	8095	3.90821,68531	5,36464
7996	3.90287,27854	5,43106	8046	3.90558,00282	5,39731	8096	3.90827,04995	5,36398
7997	3.90292,70960	5,43038	8047	3.90563,40013	5,39664	8097	3.90832,41393	5,36331
7998	3.90298,13998	5,42970	8048	3.90568,79677	5,39597	8098	3.90837,77724	5,36266
7999	3.90303,56968	5,42902	8049	3.90574,19274	5,39530	8099	3.90843,13990	5,36199
8000	3.90308,99870	5,42834	8050	3.90579,58804	5,39462	8100	3.90848,50189	5,36133

Chilias 9.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8101	3.90853,86322	5.36066	8151	3.91121,08931	5.32779	8201	3.91386,68119	5.29531
8102	3.90859,22388	5.36001	8152	3.91126,41710	5.32713	8202	3.91391,97650	5.29466
8103	3.90864,58389	5.35935	8153	3.91131,74423	5.32648	8203	3.91397,27116	5.29401
8104	3.90869,94324	5.35868	8154	3.91137,07071	5.32583	8204	3.91402,56517	5.29337
8105	3.90875,30192	5.35802	8155	3.91142,39654	5.32517	8205	3.91407,85854	5.29272
8106	3.90880,65994	5.35736	8156	3.91147,72171	5.32452	8206	3.91413,15126	5.29208
8107	3.90886,01730	5.35670	8157	3.91153,04623	5.32387	8207	3.91418,44334	5.29144
8108	3.90891,37400	5.35604	8158	3.91158,37010	5.32321	8208	3.91423,73478	5.29079
8109	3.90896,73004	5.35538	8159	3.91163,69331	5.32257	8209	3.91429,02557	5.29014
8110	3.90902,08542	5.35472	8160	3.91169,01588	5.32191	8210	3.91434,31571	5.28950
8111	3.90907,44014	5.35406	8161	3.91174,33779	5.32125	8211	3.91439,60521	5.28886
8112	3.90912,79420	5.35340	8162	3.91179,65904	5.32061	8212	3.91444,89407	5.28821
8113	3.90918,14760	5.35274	8163	3.91184,97965	5.31995	8213	3.91450,18228	5.28757
8114	3.90923,50034	5.35208	8164	3.91190,29960	5.31931	8214	3.91455,46985	5.28693
8115	3.90928,85242	5.35142	8165	3.91195,61891	5.31865	8215	3.91460,75678	5.28628
8116	3.90934,20384	5.35076	8166	3.91200,93756	5.31800	8216	3.91466,04306	5.28564
8117	3.90939,55460	5.35010	8167	3.91206,25556	5.31735	8217	3.91471,32870	5.28499
8118	3.90944,90470	5.34944	8168	3.91211,57291	5.31670	8218	3.91476,61369	5.28435
8119	3.90950,25414	5.34878	8169	3.91216,88961	5.31604	8219	3.91481,89804	5.28371
8120	3.90955,60292	5.34813	8170	3.91222,20565	5.31540	8220	3.91487,18175	5.28307
8121	3.90960,95105	5.34747	8171	3.91227,52105	5.31475	8221	3.91492,46482	5.28242
8122	3.90966,29852	5.34680	8172	3.91232,83580	5.31409	8222	3.91497,74724	5.28179
8123	3.90971,64532	5.34615	8173	3.91238,14989	5.31345	8223	3.91503,02903	5.28114
8124	3.90976,99147	5.34550	8174	3.91243,46334	5.31279	8224	3.91508,31017	5.28049
8125	3.90982,33697	5.34483	8175	3.91248,77613	5.31215	8225	3.91513,59066	5.27986
8126	3.90987,68180	5.34418	8176	3.91254,08828	5.31150	8226	3.91518,87052	5.27921
8127	3.90993,02598	5.34351	8177	3.91259,39978	5.31084	8227	3.91524,14973	5.27857
8128	3.90998,36949	5.34287	8178	3.91264,71062	5.31020	8228	3.91529,42830	5.27793
8129	3.91003,71236	5.34220	8179	3.91270,02082	5.30955	8229	3.91534,70623	5.27729
8130	3.91009,05456	5.34155	8180	3.91275,33037	5.30890	8230	3.91539,98352	5.27665
8131	3.91014,39611	5.34089	8181	3.91280,63927	5.30825	8231	3.91545,26017	5.27601
8132	3.91019,73700	5.34023	8182	3.91285,94752	5.30760	8232	3.91550,53618	5.27536
8133	3.91025,07723	5.33958	8183	3.91291,25512	5.30695	8233	3.91555,81154	5.27473
8134	3.91030,41681	5.33892	8184	3.91296,56207	5.30630	8234	3.91561,08627	5.27408
8135	3.91035,75573	5.33826	8185	3.91301,86837	5.30566	8235	3.91566,36035	5.27344
8136	3.91041,09399	5.33761	8186	3.91307,17403	5.30501	8236	3.91571,63379	5.27281
8137	3.91046,43160	5.33695	8187	3.91312,47904	5.30436	8237	3.91576,90660	5.27216
8138	3.91051,76855	5.33630	8188	3.91317,78340	5.30371	8238	3.91582,17876	5.27153
8139	3.91057,10485	5.33564	8189	3.91323,08711	5.30307	8239	3.91587,45029	5.27088
8140	3.91062,44049	5.33498	8190	3.91328,39018	5.30241	8240	3.91592,72117	5.27024
8141	3.91067,77547	5.33433	8191	3.91333,69259	5.30177	8241	3.91597,99141	5.26961
8142	3.91073,10980	5.33368	8192	3.91338,99436	5.30113	8242	3.91603,26102	5.26896
8143	3.91078,44348	5.33302	8193	3.91344,29549	5.30047	8243	3.91608,52998	5.26833
8144	3.91083,77650	5.33236	8194	3.91349,59596	5.29983	8244	3.91613,79831	5.26769
8145	3.91089,10886	5.33171	8195	3.91354,89579	5.29918	8245	3.91619,06600	5.26705
8146	3.91094,44057	5.33106	8196	3.91360,19497	5.29854	8246	3.91624,33305	5.26641
8147	3.91099,77163	5.33040	8197	3.91365,49351	5.29789	8247	3.91629,59946	5.26577
8148	3.91105,10203	5.32975	8198	3.91370,79140	5.29724	8248	3.91634,86523	5.26513
8149	3.91110,43178	5.32909	8199	3.91376,08864	5.29660	8249	3.91640,13036	5.26449
8150	3.91115,76087	5.32844	8200	3.91381,38524	5.29595	8250	3.91645,39485	5.26386

Chilias 9.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8251	3,91650,65871	5,26322	8301	3,91913,04139	5,23151	8351	3,92173,84837	5,20020
8252	3,91655,92193	5,26258	8302	3,91918,27290	5,23089	8352	3,92179,04857	5,19957
8253	3,91661,18451	5,26194	8303	3,91923,50379	5,23026	8353	3,92184,24814	5,19895
8254	3,91666,44645	5,26131	8304	3,91928,73405	5,22963	8354	3,92189,44709	5,19833
8255	3,91671,70776	5,26067	8305	3,91933,96368	5,22900	8355	3,92194,64542	5,19771
8256	3,91676,96843	5,26003	8306	3,91939,19268	5,22837	8356	3,92199,84313	5,19709
8257	3,91682,22846	5,25939	8307	3,91944,42105	5,22774	8357	3,92205,04022	5,19646
8258	3,91687,48785	5,25876	8308	3,91949,64879	5,22711	8358	3,92210,23668	5,19584
8259	3,91692,74661	5,25812	8309	3,91954,87590	5,22648	8359	3,92215,43252	5,19522
8260	3,91698,00473	5,25749	8310	3,91960,10238	5,22585	8360	3,92220,62774	5,19460
8261	3,91703,26222	5,25684	8311	3,91965,32823	5,22522	8361	3,92225,82234	5,19398
8262	3,91708,51906	5,25622	8312	3,91970,55345	5,22460	8362	3,92231,01632	5,19336
8263	3,91713,77528	5,25557	8313	3,91975,77805	5,22397	8363	3,92236,20968	5,19273
8264	3,91719,03085	5,25494	8314	3,91981,00202	5,22334	8364	3,92241,40241	5,19212
8265	3,91724,28579	5,25430	8315	3,91986,22536	5,22271	8365	3,92246,59453	5,19149
8266	3,91729,54009	5,25367	8316	3,91991,44807	5,22208	8366	3,92251,78602	5,19088
8267	3,91734,79376	5,25304	8317	3,91996,67015	5,22145	8367	3,92256,97690	5,19025
8268	3,91740,04680	5,25239	8318	3,92001,89160	5,22083	8368	3,92262,16715	5,18964
8269	3,91745,29919	5,25177	8319	3,92007,11243	5,22020	8369	3,92267,35679	5,18901
8270	3,91750,55096	5,25112	8320	3,92012,33263	5,21957	8370	3,92272,54580	5,18839
8271	3,91755,80208	5,25049	8321	3,92017,55220	5,21895	8371	3,92277,73419	5,18778
8272	3,91761,05257	5,24986	8322	3,92022,77115	5,21831	8372	3,92282,92197	5,18715
8273	3,91766,30243	5,24923	8323	3,92027,98946	5,21769	8373	3,92288,10912	5,18654
8274	3,91771,55166	5,24858	8324	3,92033,20715	5,21707	8374	3,92293,29566	5,18591
8275	3,91776,80024	5,24796	8325	3,92038,42422	5,21644	8375	3,92298,48157	5,18530
8276	3,91782,04820	5,24732	8326	3,92043,64066	5,21581	8376	3,92303,66687	5,18467
8277	3,91787,29552	5,24669	8327	3,92048,85647	5,21518	8377	3,92308,85154	5,18406
8278	3,91792,54221	5,24605	8328	3,92054,07165	5,21456	8378	3,92314,03560	5,18344
8279	3,91797,78826	5,24542	8329	3,92059,28621	5,21393	8379	3,92319,21904	5,18282
8280	3,91803,03368	5,24478	8330	3,92064,50014	5,21331	8380	3,92324,40186	5,18221
8281	3,91808,27846	5,24416	8331	3,92069,71345	5,21268	8381	3,92329,58407	5,18158
8282	3,91813,52262	5,24352	8332	3,92074,92613	5,21205	8382	3,92334,76565	5,18097
8283	3,91818,76614	5,24288	8333	3,92080,13818	5,21143	8383	3,92339,94662	5,18034
8284	3,91824,00902	5,24226	8334	3,92085,34961	5,21081	8384	3,92345,12696	5,17973
8285	3,91829,25128	5,24162	8335	3,92090,56042	5,21018	8385	3,92350,30669	5,17912
8286	3,91834,49290	5,24098	8336	3,92095,77060	5,20955	8386	3,92355,48581	5,17849
8287	3,91839,73388	5,24036	8337	3,92100,98015	5,20893	8387	3,92360,66430	5,17788
8288	3,91844,97424	5,23972	8338	3,92106,18908	5,20830	8388	3,92365,84218	5,17726
8289	3,91850,21396	5,23910	8339	3,92111,39738	5,20768	8389	3,92371,01944	5,17664
8290	3,91855,45306	5,23845	8340	3,92116,60506	5,20706	8390	3,92376,19608	5,17603
8291	3,91860,69151	5,23783	8341	3,92121,81212	5,20643	8391	3,92381,37211	5,17541
8292	3,91865,92934	5,23720	8342	3,92127,01855	5,20581	8392	3,92386,54752	5,17479
8293	3,91871,16654	5,23656	8343	3,92132,22436	5,20518	8393	3,92391,72231	5,17418
8294	3,91876,40310	5,23594	8344	3,92137,42954	5,20456	8394	3,92396,89649	5,17356
8295	3,91881,63904	5,23530	8345	3,92142,63410	5,20394	8395	3,92402,07005	5,17294
8296	3,91886,87434	5,23467	8346	3,92147,83804	5,20331	8396	3,92407,24299	5,17233
8297	3,91892,10901	5,23404	8347	3,92153,04135	5,20269	8397	3,92412,41532	5,17171
8298	3,91897,34305	5,23341	8348	3,92158,24404	5,20207	8398	3,92417,58703	5,17110
8299	3,91902,57646	5,23278	8349	3,92163,44611	5,20144	8399	3,92422,75813	5,17048
8300	3,91907,80924	5,23215	8350	3,92168,64755	5,20082	8400	3,92427,92861	5,16986

Chilias 9.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8401	3.92433,09847	5,16925	8451	3.92690,81017	5,13867	8501	3.92947,00162	5,10844
8402	3.92438,26772	5,16863	8452	3.92695,94884	5,13806	8502	3.92952,11006	5,10785
8403	3.92443,43635	5,16802	8453	3.92701,08690	5,13745	8503	3.92957,21791	5,10724
8404	3.92448,60437	5,16741	8454	3.92706,22435	5,13684	8504	3.92962,32515	5,10664
8405	3.92453,77178	5,16679	8455	3.92711,36119	5,13624	8505	3.92967,43179	5,10605
8406	3.92458,93857	5,16617	8456	3.92716,49743	5,13563	8506	3.92972,53784	5,10544
8407	3.92464,10474	5,16556	8457	3.92721,63306	5,13502	8507	3.92977,64328	5,10484
8408	3.92469,27030	5,16495	8458	3.92726,76808	5,13442	8508	3.92982,74812	5,10425
8409	3.92474,43525	5,16433	8459	3.92731,90250	5,13380	8509	3.92987,85237	5,10364
8410	3.92479,59958	5,16372	8460	3.92737,03630	5,13321	8510	3.92992,95601	5,10304
8411	3.92484,76330	5,16310	8461	3.92742,16951	5,13259	8511	3.92998,05905	5,10245
8412	3.92489,92640	5,16249	8462	3.92747,30210	5,13199	8512	3.93003,16150	5,10184
8413	3.92495,08889	5,16188	8463	3.92752,43409	5,13138	8513	3.93008,26334	5,10124
8414	3.92500,25077	5,16126	8464	3.92757,56547	5,13077	8514	3.93013,36458	5,10065
8415	3.92505,41203	5,16065	8465	3.92762,69624	5,13017	8515	3.93018,46523	5,10005
8416	3.92510,57268	5,16004	8466	3.92767,82641	5,12957	8516	3.93023,56528	5,09944
8417	3.92515,73272	5,15942	8467	3.92772,95598	5,12895	8517	3.93028,66472	5,09885
8418	3.92520,89214	5,15881	8468	3.92778,08493	5,12836	8518	3.93033,76357	5,09825
8419	3.92526,05095	5,15820	8469	3.92783,21329	5,12774	8519	3.93038,86182	5,09766
8420	3.92531,20915	5,15759	8470	3.92788,34103	5,12714	8520	3.93043,95948	5,09705
8421	3.92536,36674	5,15697	8471	3.92793,46817	5,12654	8521	3.93049,05653	5,09646
8422	3.92541,52371	5,15636	8472	3.92798,59471	5,12593	8522	3.93054,15299	5,09585
8423	3.92546,68007	5,15575	8473	3.92803,72064	5,12533	8523	3.93059,24884	5,09526
8424	3.92551,83582	5,15513	8474	3.92808,84597	5,12472	8524	3.93064,34410	5,09467
8425	3.92556,99095	5,15453	8475	3.92813,97069	5,12411	8525	3.93069,43877	5,09406
8426	3.92562,14548	5,15391	8476	3.92819,09480	5,12352	8526	3.93074,53283	5,09347
8427	3.92567,29939	5,15330	8477	3.92824,21832	5,12290	8527	3.93079,62630	5,09287
8428	3.92572,45269	5,15269	8478	3.92829,34122	5,12231	8528	3.93084,71917	5,09227
8429	3.92577,60538	5,15208	8479	3.92834,46353	5,12170	8529	3.93089,81144	5,09168
8430	3.92582,75746	5,15147	8480	3.92839,58523	5,12109	8530	3.93094,90312	5,09108
8431	3.92587,90893	5,15086	8481	3.92844,70632	5,12049	8531	3.93099,99420	5,09048
8432	3.92593,05979	5,15024	8482	3.92849,82681	5,11989	8532	3.93105,08468	5,08988
8433	3.92598,21003	5,14964	8483	3.92854,94670	5,11928	8533	3.93110,17456	5,08929
8434	3.92603,35967	5,14902	8484	3.92860,06598	5,11869	8534	3.93115,26385	5,08870
8435	3.92608,50869	5,14842	8485	3.92865,18467	5,11807	8535	3.93120,35255	5,08809
8436	3.92613,65711	5,14780	8486	3.92870,30274	5,11748	8536	3.93125,44064	5,08750
8437	3.92618,80491	5,14719	8487	3.92875,42022	5,11687	8537	3.93130,52814	5,08691
8438	3.92623,95210	5,14659	8488	3.92880,53709	5,11627	8538	3.93135,61505	5,08631
8439	3.92629,09869	5,14597	8489	3.92885,65336	5,11566	8539	3.93140,70136	5,08571
8440	3.92634,24466	5,14537	8490	3.92890,76902	5,11507	8540	3.93145,78707	5,08512
8441	3.92639,39003	5,14475	8491	3.92895,88409	5,11446	8541	3.93150,87219	5,08452
8442	3.92644,53478	5,14415	8492	3.92900,99855	5,11386	8542	3.93155,95671	5,08393
8443	3.92649,67893	5,14353	8493	3.92906,11241	5,11326	8543	3.93161,04064	5,08333
8444	3.92654,82246	5,14293	8494	3.92911,22567	5,11265	8544	3.93166,12397	5,08274
8445	3.92659,96539	5,14232	8495	3.92916,33832	5,11205	8545	3.93171,20671	5,08214
8446	3.92665,10771	5,14171	8496	3.92921,45037	5,11146	8546	3.93176,28885	5,08155
8447	3.92670,24942	5,14110	8497	3.92926,56183	5,11085	8547	3.93181,37040	5,08095
8448	3.92675,39052	5,14049	8498	3.92931,67268	5,11024	8548	3.93186,45135	5,08036
8449	3.92680,53101	5,13988	8499	3.92936,78292	5,10965	8549	3.93191,53171	5,07976
8450	3.92685,67089	5,13928	8500	3.92941,89257	5,10905	8550	3.93196,61147	5,07917

Chilias 9.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8551	3.93201,69064	5,07858	8601	3.93454,89477	5,04905	8651	3.93706,63120	5,01988
8552	3.93206,76922	5,07798	8602	3.93459,94382	5,04847	8652	3.93711,65108	5,01929
8553	3.93211,84720	5,07739	8603	3.93464,99229	5,04788	8653	3.93716,67037	5,01872
8554	3.93216,92459	5,07680	8604	3.93470,04017	5,04730	8654	3.93721,68909	5,01813
8555	3.93222,00139	5,07620	8605	3.93475,08747	5,04670	8655	3.93726,70722	5,01756
8556	3.93227,07759	5,07561	8606	3.93480,13417	5,04613	8656	3.93731,72478	5,01697
8557	3.93232,15320	5,07501	8607	3.93485,18030	5,04553	8657	3.93736,74175	5,01640
8558	3.93237,22821	5,07443	8608	3.93490,22583	5,04495	8658	3.93741,75815	5,01581
8559	3.93242,30264	5,07383	8609	3.93495,27078	5,04437	8659	3.93746,77396	5,01524
8560	3.93247,37647	5,07324	8610	3.93500,31515	5,04377	8660	3.93751,78920	5,01466
8561	3.93252,44971	5,07264	8611	3.93505,35892	5,04320	8661	3.93756,80386	5,01408
8562	3.93257,52235	5,07205	8612	3.93510,40212	5,04260	8662	3.93761,81794	5,01350
8563	3.93262,59440	5,07146	8613	3.93515,44472	5,04202	8663	3.93766,83144	5,01292
8564	3.93267,66586	5,07087	8614	3.93520,48674	5,04144	8664	3.93771,84436	5,01234
8565	3.93272,73673	5,07028	8615	3.93525,52818	5,04085	8665	3.93776,85670	5,01177
8566	3.93277,80701	5,06968	8616	3.93530,56903	5,04026	8666	3.93781,86847	5,01119
8567	3.93282,87669	5,06909	8617	3.93535,60929	5,03969	8667	3.93786,87966	5,01060
8568	3.93287,94578	5,06850	8618	3.93540,64898	5,03909	8668	3.93791,89026	5,01004
8569	3.93293,01428	5,06791	8619	3.93545,68807	5,03851	8669	3.93796,90030	5,00945
8570	3.93298,08219	5,06732	8620	3.93550,72658	5,03793	8670	3.93801,90975	5,00887
8571	3.93303,14951	5,06673	8621	3.93555,76451	5,03734	8671	3.93806,91862	5,00830
8572	3.93308,21624	5,06613	8622	3.93560,80185	5,03676	8672	3.93811,92692	5,00772
8573	3.93313,28237	5,06555	8623	3.93565,83861	5,03617	8673	3.93816,93464	5,00714
8574	3.93318,34792	5,06495	8624	3.93570,87478	5,03559	8674	3.93821,94178	5,00657
8575	3.93323,41287	5,06436	8625	3.93575,91037	5,03501	8675	3.93826,94835	5,00598
8576	3.93328,47723	5,06378	8626	3.93580,94538	5,03442	8676	3.93831,95433	5,00542
8577	3.93333,54101	5,06318	8627	3.93585,97980	5,03384	8677	3.93836,95975	5,00483
8578	3.93338,60419	5,06259	8628	3.93591,01364	5,03326	8678	3.93841,96458	5,00426
8579	3.93343,66678	5,06200	8629	3.93596,04690	5,03267	8679	3.93846,96884	5,00368
8580	3.93348,72878	5,06142	8630	3.93601,07957	5,03209	8680	3.93851,97252	5,00310
8581	3.93353,79020	5,06082	8631	3.93606,11166	5,03151	8681	3.93856,97562	5,00253
8582	3.93358,85102	5,06023	8632	3.93611,14317	5,03092	8682	3.93861,97815	5,00195
8583	3.93363,91125	5,05965	8633	3.93616,17409	5,03034	8683	3.93866,98010	5,00138
8584	3.93368,97090	5,05905	8634	3.93621,20443	5,02976	8684	3.93871,98148	5,00080
8585	3.93374,02995	5,05846	8635	3.93626,23419	5,02918	8685	3.93876,98228	5,00022
8586	3.93379,08841	5,05788	8636	3.93631,26337	5,02859	8686	3.93881,98250	4,99965
8587	3.93384,14629	5,05729	8637	3.93636,29196	5,02801	8687	3.93886,98215	4,99907
8588	3.93389,20358	5,05669	8638	3.93641,31997	5,02743	8688	3.93891,98122	4,99850
8589	3.93394,26027	5,05611	8639	3.93646,34740	5,02685	8689	3.93896,97972	4,99792
8590	3.93399,31638	5,05552	8640	3.93651,37425	5,02626	8690	3.93901,97764	4,99735
8591	3.93404,37190	5,05494	8641	3.93656,40051	5,02569	8691	3.93906,97499	4,99677
8592	3.93409,42684	5,05434	8642	3.93661,42620	5,02510	8692	3.93911,97176	4,99620
8593	3.93414,48118	5,05375	8643	3.93666,45130	5,02452	8693	3.93916,96796	4,99563
8594	3.93419,53493	5,05317	8644	3.93671,47582	5,02394	8694	3.93921,96359	4,99504
8595	3.93424,58810	5,05258	8645	3.93676,49976	5,02336	8695	3.93926,95863	4,99448
8596	3.93429,64068	5,05199	8646	3.93681,52312	5,02278	8696	3.93931,95311	4,99390
8597	3.93434,69267	5,05141	8647	3.93686,54590	5,02219	8697	3.93936,94701	4,99332
8598	3.93439,74408	5,05081	8648	3.93691,56809	5,02162	8698	3.93941,94033	4,99275
8599	3.93444,79489	5,05023	8649	3.93696,58971	5,02104	8699	3.93946,93308	4,99218
8600	3.93449,84512	5,04965	8650	3.93701,61075	5,02045	8700	3.93951,92526	4,99161

Chilias 9.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8701	3.93956,91687		8751	3.94205,76838		8801	3.94453,20210	
8702	3.93961,90790	4.99103	8752	3.94210,73090	4.96252	8802	3.94458,13642	4.93432
8703	3.93966,89835	4.99045	8753	3.94215,69285	4.96195	8803	3.94463,07019	4.93377
8704	3.93971,88824	4.98989	8754	3.94220,65423	4.96138	8804	3.94468,00339	4.93320
8705	3.93976,87755	4.98931	8755	3.94225,61504	4.96081	8805	3.94472,93603	4.93264
8706	3.93981,86628	4.98873			4.96025			4.93208
8707	3.93986,85445	4.98817	8756	3.94230,57529	4.95968	8806	3.94477,86811	4.93152
8708	3.93991,84204	4.98759	8757	3.94235,53497	4.95912	8807	3.94482,79963	4.93097
8709	3.93996,82906	4.98702	8758	3.94240,49409	4.95854	8808	3.94487,73060	4.93040
8710	3.94001,81550	4.98644	8759	3.94245,45263	4.95799	8809	3.94492,66100	4.92984
		4.98587	8760	3.94250,41062	4.95741	8810	3.94497,59084	4.92928
8711	3.94006,80137	4.98530	8761	3.94255,36803	4.95685	8811	3.94502,52012	4.92873
8712	3.94011,78667	4.98473	8762	3.94260,32488	4.95629	8812	3.94507,44885	4.92816
8713	3.94016,77140	4.98416	8763	3.94265,28117	4.95572	8813	3.94512,37701	4.92761
8714	3.94021,75556	4.98358	8764	3.94270,23689	4.95515	8814	3.94517,30462	4.92704
8715	3.94026,73914	4.98302	8765	3.94275,19204	4.95459	8815	3.94522,23166	4.92649
8716	3.94031,72216	4.98244	8766	3.94280,14663	4.95403	8816	3.94527,15815	4.92593
8717	3.94036,70460	4.98187	8767	3.94285,10066	4.95345	8817	3.94532,08408	4.92537
8718	3.94041,68647	4.98130	8768	3.94290,05411	4.95290	8818	3.94537,00945	4.92481
8719	3.94046,66777	4.98072	8769	3.94295,00701	4.95233	8819	3.94541,93426	4.92425
8720	3.94051,64849	4.98016	8770	3.94299,95934	4.95176	8820	3.94546,85851	4.92370
8721	3.94056,62865	4.97958	8771	3.94304,91110	4.95120	8821	3.94551,78221	4.92313
8722	3.94061,60823	4.97902	8772	3.94309,86230	4.95064	8822	3.94556,70534	4.92258
8723	3.94066,58725	4.97844	8773	3.94314,81294	4.95007	8823	3.94561,62792	4.92202
8724	3.94071,56569	4.97787	8774	3.94319,76301	4.94950	8824	3.94566,54994	4.92147
8725	3.94076,54356	4.97731	8775	3.94324,71251	4.94895	8825	3.94571,47141	4.92090
8726	3.94081,52087	4.97673	8776	3.94329,66146	4.94838	8826	3.94576,39231	4.92035
8727	3.94086,49760	4.97616	8777	3.94334,60984	4.94781	8827	3.94581,31266	4.91979
8728	3.94091,47376	4.97559	8778	3.94339,55765	4.94725	8828	3.94586,23245	4.91923
8729	3.94096,44935	4.97502	8779	3.94344,50490	4.94669	8829	3.94591,15168	4.91868
8730	3.94101,42437	4.97445	8780	3.94349,45159	4.94613	8830	3.94596,07036	4.91812
8731	3.94106,39882	4.97388	8781	3.94354,39772	4.94556	8831	3.94600,98848	4.91756
8732	3.94111,37270	4.97332	8782	3.94359,34328	4.94500	8832	3.94605,90604	4.91700
8733	3.94116,34602	4.97274	8783	3.94364,28828	4.94443	8833	3.94610,82304	4.91645
8734	3.94121,31876	4.97217	8784	3.94369,23271	4.94387	8834	3.94615,73949	4.91589
8735	3.94126,29093	4.97161	8785	3.94374,17658	4.94331	8835	3.94620,65538	4.91534
8736	3.94131,26254	4.97103	8786	3.94379,11989	4.94275	8836	3.94625,57072	4.91478
8737	3.94136,23357	4.97047	8787	3.94384,06264	4.94218	8837	3.94630,48550	4.91422
8738	3.94141,20404	4.96989	8788	3.94389,00482	4.94163	8838	3.94635,39972	4.91367
8739	3.94146,17393	4.96933	8789	3.94393,94645	4.94106	8839	3.94640,31339	4.91311
8740	3.94151,14326	4.96876	8790	3.94398,88751	4.94050	8840	3.94645,22650	4.91256
8741	3.94156,11202	4.96820	8791	3.94403,82801	4.93993	8841	3.94650,13906	4.91200
8742	3.94161,08022	4.96762	8792	3.94408,76794	4.93938	8842	3.94655,05106	4.91144
8743	3.94166,04784	4.96705	8793	3.94413,70732	4.93881	8843	3.94659,96250	4.91089
8744	3.94171,01489	4.96649	8794	3.94418,64613	4.93825	8844	3.94664,87339	4.91033
8745	3.94175,98138	4.96592	8795	3.94423,58438	4.93769	8845	3.94669,78372	4.90978
8746	3.94180,94730	4.96535	8796	3.94428,52207	4.93713	8846	3.94674,69350	4.90923
8747	3.94185,91265	4.96479	8797	3.94433,45920	4.93656	8847	3.94679,60273	4.90867
8748	3.94190,87744	4.96421	8798	3.94438,39576	4.93601	8848	3.94684,51140	4.90811
8749	3.94195,84165	4.96365	8799	3.94443,33177	4.93545	8849	3.94689,41951	4.90756
8750	3.94200,80530	4.96308	8800	3.94448,26722	4.93488	8850	3.94694,32707	4.90700

8851

Chilias 9.

Chilias 9.

Chilias 9.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
8851	3.94699,23407	4,90646	8901	3.94943,88010	4,87889	8951	3.95187,15571	4,85164
8852	3.94704,14053	4,90589	8902	3.94948,75899	4,87835	8952	3.95192,00735	4,85110
8853	3.94709,04642	4,90534	8903	3.94953,63734	4,87779	8953	3.95196,85845	4,85055
8854	3.94713,95176	4,90479	8904	3.94958,51513	4,87725	8954	3.95201,70900	4,85002
8855	3.94718,85655	4,90424	8905	3.94963,39238	4,87670	8955	3.95206,55902	4,84947
8856	3.94723,76079	4,90368	8906	3.94968,26908	4,87615	8956	3.95211,40849	4,84893
8857	3.94728,66447	4,90312	8907	3.94973,14523	4,87561	8957	3.95216,25742	4,84839
8858	3.94733,56759	4,90258	8908	3.94978,02084	4,87505	8958	3.95221,10581	4,84785
8859	3.94738,47017	4,90202	8909	3.94982,89589	4,87451	8959	3.95225,95366	4,84731
8860	3.94743,37219	4,90147	8910	3.94987,77040	4,87397	8960	3.95230,80097	4,84676
8861	3.94748,27366	4,90091	8911	3.94992,64437	4,87341	8961	3.95235,64773	4,84623
8862	3.94753,17457	4,90036	8912	3.94997,51778	4,87287	8962	3.95240,49396	4,84568
8863	3.94758,07493	4,89981	8913	3.95002,39065	4,87233	8963	3.95245,33964	4,84515
8864	3.94762,97474	4,89925	8914	3.95007,26298	4,87177	8964	3.95250,18479	4,84460
8865	3.94767,87399	4,89871	8915	3.95012,13475	4,87123	8965	3.95255,02939	4,84406
8866	3.94772,77270	4,89815	8916	3.95017,00598	4,87068	8966	3.95259,87345	4,84353
8867	3.94777,67085	4,89759	8917	3.95021,87666	4,87014	8967	3.95264,71698	4,84298
8868	3.94782,56844	4,89705	8918	3.95026,74680	4,86959	8968	3.95269,55996	4,84244
8869	3.94787,46549	4,89649	8919	3.95031,61639	4,86905	8969	3.95274,40240	4,84190
8870	3.94792,36198	4,89594	8920	3.95036,48544	4,86850	8970	3.95279,24430	4,84137
8871	3.94797,25792	4,89539	8921	3.95041,35394	4,86795	8971	3.95284,08567	4,84082
8872	3.94802,15331	4,89484	8922	3.95046,22189	4,86741	8972	3.95288,92649	4,84029
8873	3.94807,04815	4,89429	8923	3.95051,08930	4,86686	8973	3.95293,76678	4,83974
8874	3.94811,94244	4,89373	8924	3.95055,95616	4,86632	8974	3.95298,60652	4,83921
8875	3.94816,83617	4,89319	8925	3.95060,82248	4,86577	8975	3.95303,44573	4,83866
8876	3.94821,72936	4,89263	8926	3.95065,68825	4,86523	8976	3.95308,28439	4,83813
8877	3.94826,62199	4,89208	8927	3.95070,55348	4,86468	8977	3.95313,12252	4,83759
8878	3.94831,51407	4,89153	8928	3.95075,41816	4,86414	8978	3.95317,96011	4,83705
8879	3.94836,40560	4,89098	8929	3.95080,28230	4,86359	8979	3.95322,79716	4,83651
8880	3.94841,29658	4,89043	8930	3.95085,14589	4,86305	8980	3.95327,63367	4,83597
8881	3.94846,18701	4,88987	8931	3.95090,00894	4,86250	8981	3.95332,46964	4,83543
8882	3.94851,07688	4,88933	8932	3.95094,87144	4,86196	8982	3.95337,30507	4,83490
8883	3.94855,96621	4,88878	8933	3.95099,73340	4,86141	8983	3.95342,13997	4,83436
8884	3.94860,85499	4,88822	8934	3.95104,59481	4,86087	8984	3.95346,97433	4,83381
8885	3.94865,74321	4,88768	8935	3.95109,45568	4,86033	8985	3.95351,80814	4,83329
8886	3.94870,63089	4,88713	8936	3.95114,31601	4,85978	8986	3.95356,64143	4,83274
8887	3.94875,51802	4,88657	8937	3.95119,17579	4,85924	8987	3.95361,47417	4,83220
8888	3.94880,40459	4,88603	8938	3.95124,03503	4,85870	8988	3.95366,30637	4,83167
8889	3.94885,29062	4,88548	8939	3.95128,89373	4,85815	8989	3.95371,13804	4,83113
8890	3.94890,17610	4,88492	8940	3.95133,75188	4,85761	8990	3.95375,96917	4,83060
8891	3.94895,06102	4,88438	8941	3.95138,60949	4,85706	8991	3.95380,79977	4,83005
8892	3.94899,94540	4,88383	8942	3.95143,46655	4,85653	8992	3.95385,62982	4,82952
8893	3.94904,82923	4,88328	8943	3.95148,32308	4,85597	8993	3.95390,45934	4,82898
8894	3.94909,71251	4,88273	8944	3.95153,17905	4,85544	8994	3.95395,28832	4,82845
8895	3.94914,59524	4,88218	8945	3.95158,03449	4,85489	8995	3.95400,11677	4,82791
8896	3.94919,47742	4,88164	8946	3.95162,88938	4,85435	8996	3.95404,94468	4,82737
8897	3.94924,35906	4,88108	8947	3.95167,74373	4,85381	8997	3.95409,77205	4,82683
8898	3.94929,24014	4,88054	8948	3.95172,59754	4,85327	8998	3.95414,59888	4,82630
8899	3.94934,12068	4,87998	8949	3.95177,45081	4,85272	8999	3.95419,42518	4,82576
8900	3.94939,00066	4,87944	8950	3.95182,30353	4,85218	9000	3.95424,25094	4,82523

Chilias 10.

Chilias 10.

Chilias 10.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9001	3.95429,07617	4,82469	9051	3.95669,65649	4,79804	9101	3.95908,91144	4,77168
9002	3.95433,90086	4,82415	9052	3.95674,45453	4,79751	9102	3.95913,68312	4,77115
9003	3.95438,72501	4,82362	9053	3.95679,25204	4,79698	9103	3.95918,45427	4,77064
9004	3.95443,54863	4,82309	9054	3.95684,04902	4,79645	9104	3.95923,22491	4,77010
9005	3.95448,37172	4,82254	9055	3.95688,84547	4,79591	9105	3.95927,99501	4,76959
9006	3.95453,19426	4,82201	9056	3.95693,64138	4,79539	9106	3.95932,76460	4,76906
9007	3.95458,01627	4,82148	9057	3.95698,43677	4,79486	9107	3.95937,53366	4,76853
9008	3.95462,83775	4,82094	9058	3.95703,23163	4,79434	9108	3.95942,30219	4,76802
9009	3.95467,65869	4,82041	9059	3.95708,02597	4,79380	9109	3.95947,07021	4,76749
9010	3.95472,47910	4,81987	9060	3.95712,81977	4,79327	9110	3.95951,83770	4,76696
9011	3.95477,29897	4,81934	9061	3.95717,61304	4,79274	9111	3.95956,60466	4,76645
9012	3.95482,11831	4,81880	9062	3.95722,40578	4,79222	9112	3.95961,37111	4,76592
9013	3.95486,93711	4,81826	9063	3.95727,19800	4,79169	9113	3.95966,13703	4,76539
9014	3.95491,75537	4,81774	9064	3.95731,98969	4,79115	9114	3.95970,90242	4,76488
9015	3.95496,57311	4,81719	9065	3.95736,78084	4,79063	9115	3.95975,66730	4,76435
9016	3.95501,39030	4,81667	9066	3.95741,57147	4,79010	9116	3.95980,43165	4,76383
9017	3.95506,20697	4,81613	9067	3.95746,36157	4,78958	9117	3.95985,19548	4,76331
9018	3.95511,02310	4,81559	9068	3.95751,15115	4,78904	9118	3.95989,95879	4,76278
9019	3.95515,83869	4,81506	9069	3.95755,94019	4,78852	9119	3.95994,72157	4,76226
9020	3.95520,65375	4,81453	9070	3.95760,72871	4,78798	9120	3.95999,48383	4,76174
9021	3.95525,46828	4,81400	9071	3.95765,51669	4,78746	9121	3.96004,24557	4,76122
9022	3.95530,28228	4,81346	9072	3.95770,30415	4,78694	9122	3.96009,00679	4,76070
9023	3.95535,09574	4,81292	9073	3.95775,09109	4,78640	9123	3.96013,76749	4,76017
9024	3.95539,90866	4,81240	9074	3.95779,87749	4,78588	9124	3.96018,52766	4,75965
9025	3.95544,72106	4,81186	9075	3.95784,66337	4,78535	9125	3.96023,28731	4,75913
9026	3.95549,53292	4,81133	9076	3.95789,44872	4,78482	9126	3.96028,04644	4,75861
9027	3.95554,34425	4,81079	9077	3.95794,23354	4,78430	9127	3.96032,80505	4,75809
9028	3.95559,15504	4,81026	9078	3.95799,01784	4,78377	9128	3.96037,56314	4,75757
9029	3.95563,96530	4,80973	9079	3.95803,80161	4,78324	9129	3.96042,32071	4,75704
9030	3.95568,77503	4,80920	9080	3.95808,58485	4,78272	9130	3.96047,07775	4,75653
9031	3.95573,58423	4,80866	9081	3.95813,36757	4,78219	9131	3.96051,83428	4,75600
9032	3.95578,39289	4,80813	9082	3.95818,14976	4,78166	9132	3.96056,59028	4,75548
9033	3.95583,20102	4,80760	9083	3.95822,93142	4,78113	9133	3.96061,34576	4,75497
9034	3.95588,00862	4,80707	9084	3.95827,71255	4,78061	9134	3.96066,10073	4,75444
9035	3.95592,81569	4,80653	9085	3.95832,49316	4,78009	9135	3.96070,85517	4,75392
9036	3.95597,62222	4,80601	9086	3.95837,27325	4,77956	9136	3.96075,60909	4,75340
9037	3.95602,42823	4,80547	9087	3.95842,05281	4,77903	9137	3.96080,36249	4,75288
9038	3.95607,23370	4,80494	9088	3.95846,83184	4,77850	9138	3.96085,11537	4,75236
9039	3.95612,03864	4,80441	9089	3.95851,61034	4,77798	9139	3.96089,86773	4,75184
9040	3.95616,84305	4,80387	9090	3.95856,38832	4,77746	9140	3.96094,61957	4,75132
9041	3.95621,64692	4,80335	9091	3.95861,16578	4,77693	9141	3.96099,37089	4,75081
9042	3.95626,45027	4,80281	9092	3.95865,94271	4,77640	9142	3.96104,12170	4,75028
9043	3.95631,25308	4,80229	9093	3.95870,71911	4,77588	9143	3.96108,87198	4,74976
9044	3.95636,05537	4,80175	9094	3.95875,49499	4,77535	9144	3.96113,62174	4,74924
9045	3.95640,85712	4,80122	9095	3.95880,27034	4,77483	9145	3.96118,37098	4,74872
9046	3.95645,65834	4,80069	9096	3.95885,04517	4,77430	9146	3.96123,11970	4,74821
9047	3.95650,45903	4,80016	9097	3.95889,81947	4,77378	9147	3.96127,86791	4,74768
9048	3.95655,25919	4,79963	9098	3.95894,59325	4,77325	9148	3.96132,61559	4,74717
9049	3.95660,05882	4,79910	9099	3.95899,36650	4,77273	9149	3.96137,36276	4,74665
9050	3.95664,85792	4,79857	9100	3.95904,13923	4,77221	9150	3.96142,10941	4,74613

Chilias 10.

Chilias 10.

Chilias 10.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9151	3,96146,85554	4,74560	9201	3,96383,50307	4,71982	9251	3,96618,86810	4,69431
9152	3,96151,60114	4,74510	9202	3,96388,22289	4,71931	9252	3,96623,56241	4,69381
9153	3,96156,34624	4,74457	9203	3,96392,94220	4,71880	9253	3,96628,25622	4,69330
9154	3,96161,09081	4,74405	9204	3,96397,66100	4,71828	9254	3,96632,94952	4,69279
9155	3,96165,83486	4,74354	9205	3,96402,37928	4,71778	9255	3,96637,64231	4,69228
9156	3,96170,57840	4,74302	9206	3,96407,09706	4,71726	9256	3,96642,33459	4,69178
9157	3,96175,32142	4,74250	9207	3,96411,81432	4,71674	9257	3,96647,02637	4,69127
9158	3,96180,06392	4,74198	9208	3,96416,53106	4,71624	9258	3,96651,71764	4,69077
9159	3,96184,80590	4,74147	9209	3,96421,24730	4,71572	9259	3,96656,40841	4,69026
9160	3,96189,54737	4,74094	9210	3,96425,96302	4,71521	9260	3,96661,09867	4,68975
9161	3,96194,28831	4,74043	9211	3,96430,67823	4,71470	9261	3,96665,78842	4,68925
9162	3,96199,02874	4,73992	9212	3,96435,39293	4,71419	9262	3,96670,47767	4,68874
9163	3,96203,76866	4,73939	9213	3,96440,10712	4,71367	9263	3,96675,16641	4,68823
9164	3,96208,50805	4,73888	9214	3,96444,82079	4,71317	9264	3,96679,85464	4,68773
9165	3,96213,24693	4,73836	9215	3,96449,53396	4,71265	9265	3,96684,54237	4,68722
9166	3,96217,98529	4,73785	9216	3,96454,24661	4,71214	9266	3,96689,22959	4,68671
9167	3,96222,72314	4,73732	9217	3,96458,95875	4,71163	9267	3,96693,91630	4,68621
9168	3,96227,46046	4,73681	9218	3,96463,67038	4,71112	9268	3,96698,60251	4,68571
9169	3,96232,19727	4,73630	9219	3,96468,38150	4,71061	9269	3,96703,28822	4,68519
9170	3,96236,93357	4,73577	9220	3,96473,09211	4,71009	9270	3,96707,97341	4,68470
9171	3,96241,66934	4,73527	9221	3,96477,80220	4,70959	9271	3,96712,65811	4,68419
9172	3,96246,40461	4,73474	9222	3,96482,51179	4,70907	9272	3,96717,34230	4,68368
9173	3,96251,13935	4,73423	9223	3,96487,22086	4,70857	9273	3,96722,02598	4,68318
9174	3,96255,87358	4,73371	9224	3,96491,92943	4,70805	9274	3,96726,70916	4,68267
9175	3,96260,60729	4,73320	9225	3,96496,63748	4,70755	9275	3,96731,39183	4,68217
9176	3,96265,34049	4,73268	9226	3,96501,34503	4,70703	9276	3,96736,07400	4,68166
9177	3,96270,07317	4,73217	9227	3,96506,05206	4,70652	9277	3,96740,75566	4,68116
9178	3,96274,80534	4,73165	9228	3,96510,75858	4,70602	9278	3,96745,43682	4,68065
9179	3,96279,53699	4,73113	9229	3,96515,46460	4,70550	9279	3,96750,11747	4,68015
9180	3,96284,26812	4,73062	9230	3,96520,17010	4,70500	9280	3,96754,79762	4,67965
9181	3,96288,99874	4,73010	9231	3,96524,87510	4,70448	9281	3,96759,47727	4,67914
9182	3,96293,72884	4,72959	9232	3,96529,57958	4,70398	9282	3,96764,15641	4,67864
9183	3,96298,45843	4,72908	9233	3,96534,28356	4,70346	9283	3,96768,83505	4,67813
9184	3,96303,18751	4,72855	9234	3,96538,98702	4,70296	9284	3,96773,51318	4,67763
9185	3,96307,91606	4,72805	9235	3,96543,68998	4,70244	9285	3,96778,19081	4,67712
9186	3,96312,64411	4,72753	9236	3,96548,39242	4,70194	9286	3,96782,86793	4,67662
9187	3,96317,37164	4,72701	9237	3,96553,09436	4,70143	9287	3,96787,54455	4,67612
9188	3,96322,09865	4,72650	9238	3,96557,79579	4,70092	9288	3,96792,22067	4,67562
9189	3,96326,82515	4,72599	9239	3,96562,49671	4,70041	9289	3,96796,89629	4,67511
9190	3,96331,55114	4,72547	9240	3,96567,19712	4,69990	9290	3,96801,57140	4,67461
9191	3,96336,27661	4,72496	9241	3,96571,89702	4,69940	9291	3,96806,24601	4,67410
9192	3,96341,00157	4,72444	9242	3,96576,59642	4,69888	9292	3,96810,92011	4,67360
9193	3,96345,72601	4,72393	9243	3,96581,29530	4,69838	9293	3,96815,59371	4,67310
9194	3,96350,44994	4,72342	9244	3,96585,99368	4,69787	9294	3,96820,26681	4,67260
9195	3,96355,17336	4,72290	9245	3,96590,69155	4,69736	9295	3,96824,93941	4,67209
9196	3,96359,89626	4,72239	9246	3,96595,38891	4,69685	9296	3,96829,61150	4,67160
9197	3,96364,61865	4,72187	9247	3,96600,08576	4,69635	9297	3,96834,28310	4,67108
9198	3,96369,34052	4,72137	9248	3,96604,78211	4,69583	9298	3,96838,95418	4,67059
9199	3,96374,06189	4,72084	9249	3,96609,47794	4,69533	9299	3,96843,62477	4,67009
9200	3,96378,78273	4,72034	9250	3,96614,17327	4,69483	9300	3,96848,29486	4,66958

Chilias 10.

Chilias 10.

Chilias 10.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9301	3.96852,96444	4,66908	9351	3.97085,80570	4,64412	9401	3.97317,40527	4,61942
9302	3.96857,63352	4,66858	9352	3.97090,44982	4,64361	9402	3.97322,02469	4,61892
9303	3.96862,30210	4,66807	9353	3.97095,09343	4,64313	9403	3.97326,64361	4,61844
9304	3.96866,97017	4,66758	9354	3.97099,73656	4,64262	9404	3.97331,26205	4,61794
9305	3.96871,63775	4,66707	9355	3.97104,37918	4,64213	9405	3.97335,87999	4,61745
9306	3.96876,30482	4,66657	9356	3.97109,02131	4,64164	9406	3.97340,49744	4,61696
9307	3.96880,97139	4,66607	9357	3.97113,66295	4,64114	9407	3.97345,11440	4,61647
9308	3.96885,63746	4,66557	9358	3.97118,30409	4,64064	9408	3.97349,73087	4,61598
9309	3.96890,30303	4,66507	9359	3.97122,94473	4,64014	9409	3.97354,34685	4,61549
9310	3.96894,96810	4,66456	9360	3.97127,58487	4,63965	9410	3.97358,96234	4,61500
9311	3.96899,63266	4,66407	9361	3.97132,22452	4,63916	9411	3.97363,57734	4,61451
9312	3.96904,29673	4,66357	9362	3.97136,86368	4,63866	9412	3.97368,19185	4,61402
9313	3.96908,96030	4,66306	9363	3.97141,50234	4,63816	9413	3.97372,80587	4,61353
9314	3.96913,62336	4,66256	9364	3.97146,14050	4,63767	9414	3.97377,41940	4,61304
9315	3.96918,28592	4,66207	9365	3.97150,77817	4,63717	9415	3.97382,03244	4,61254
9316	3.96922,94799	4,66156	9366	3.97155,41534	4,63668	9416	3.97386,64408	4,61206
9317	3.96927,60955	4,66106	9367	3.97160,05202	4,63619	9417	3.97391,25704	4,61157
9318	3.96932,27061	4,66056	9368	3.97164,68821	4,63568	9418	3.97395,86861	4,61108
9319	3.96936,93117	4,66007	9369	3.97169,32389	4,63520	9419	3.97400,47969	4,61059
9320	3.96941,59124	4,65956	9370	3.97173,95909	4,63470	9420	3.97405,09028	4,61010
9321	3.96946,25080	4,65906	9371	3.97178,59379	4,63420	9421	3.97409,70038	4,60961
9322	3.96950,90986	4,65856	9372	3.97183,22799	4,63371	9422	3.97414,30999	4,60912
9323	3.96955,56842	4,65806	9373	3.97187,86170	4,63322	9423	3.97418,91911	4,60863
9324	3.96960,22648	4,65757	9374	3.97192,49492	4,63272	9424	3.97423,52774	4,60815
9325	3.96964,88405	4,65706	9375	3.97197,12764	4,63223	9425	3.97428,13589	4,60765
9326	3.96969,54111	4,65657	9376	3.97201,75987	4,63173	9426	3.97432,74354	4,60717
9327	3.96974,19768	4,65606	9377	3.97206,39160	4,63124	9427	3.97437,35071	4,60668
9328	3.96978,85374	4,65557	9378	3.97211,02284	4,63075	9428	3.97441,95739	4,60618
9329	3.96983,50931	4,65506	9379	3.97215,65359	4,63025	9429	3.97446,56357	4,60570
9330	3.96988,16437	4,65457	9380	3.97220,28384	4,62976	9430	3.97451,16927	4,60522
9331	3.96992,81894	4,65407	9381	3.97224,91360	4,62926	9431	3.97455,77449	4,60472
9332	3.96997,47301	4,65357	9382	3.97229,54286	4,62877	9432	3.97460,37921	4,60423
9333	3.97002,12658	4,65307	9383	3.97234,17163	4,62828	9433	3.97464,98344	4,60375
9334	3.97006,77965	4,65258	9384	3.97238,79991	4,62779	9434	3.97469,58719	4,60326
9335	3.97011,43223	4,65207	9385	3.97243,42770	4,62729	9435	3.97474,19045	4,60277
9336	3.97016,08430	4,65158	9386	3.97248,05499	4,62680	9436	3.97478,79322	4,60228
9337	3.97020,73588	4,65108	9387	3.97252,68179	4,62630	9437	3.97483,39550	4,60180
9338	3.97025,38696	4,65058	9388	3.97257,30809	4,62582	9438	3.97487,99730	4,60131
9339	3.97030,03754	4,65008	9389	3.97261,93391	4,62532	9439	3.97492,59861	4,60082
9340	3.97034,68762	4,64959	9390	3.97266,55923	4,62482	9440	3.97497,19943	4,60033
9341	3.97039,33721	4,64909	9391	3.97271,18405	4,62434	9441	3.97501,79976	4,59985
9342	3.97043,98630	4,64858	9392	3.97275,80839	4,62384	9442	3.97506,39961	4,59936
9343	3.97048,63488	4,64810	9393	3.97280,43223	4,62335	9443	3.97510,99897	4,59887
9344	3.97053,28298	4,64759	9394	3.97285,05558	4,62286	9444	3.97515,59784	4,59839
9345	3.97057,93057	4,64710	9395	3.97289,67844	4,62237	9445	3.97520,19623	4,59789
9346	3.97062,57767	4,64660	9396	3.97294,30081	4,62188	9446	3.97524,79412	4,59742
9347	3.97067,22427	4,64610	9397	3.97298,92269	4,62138	9447	3.97529,39154	4,59692
9348	3.97071,87037	4,64561	9398	3.97303,54407	4,62089	9448	3.97533,98846	4,59644
9349	3.97076,51598	4,64511	9399	3.97308,16496	4,62040	9449	3.97538,58490	4,59595
9350	3.97081,16109	4,64461	9400	3.97312,78536	4,61991	9450	3.97543,18085	4,59547

9451

Chilias 10.

Chilias 10.

Chilias 10.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9451	3.97547,77632	4,59498	9501	3.97776,93181	4,57080	9551	3.98004,88451	4,54687
9452	3.97552,37130	4,59449	9502	3.97781,50261	4,57032	9552	3.98009,43138	4,54639
9453	3.97556,96579	4,59401	9503	3.97786,07293	4,56983	9553	3.98013,97777	4,54592
9454	3.97561,55980	4,59352	9504	3.97790,64276	4,56936	9554	3.98018,52369	4,54545
9455	3.97566,15332	4,59303	9505	3.97795,21212	4,56888	9555	3.98023,06914	4,54497
9456	3.97570,74635	4,59255	9506	3.97799,78100	4,56839	9556	3.98027,61411	4,54449
9457	3.97575,33890	4,59207	9507	3.97804,34939	4,56792	9557	3.98032,15860	4,54402
9458	3.97579,93097	4,59158	9508	3.97808,91731	4,56743	9558	3.98036,70262	4,54354
9459	3.97584,52255	4,59109	9509	3.97813,48474	4,56695	9559	3.98041,24616	4,54307
9460	3.97589,11364	4,59061	9510	3.97818,05169	4,56648	9560	3.98045,78923	4,54259
9461	3.97593,70425	4,59012	9511	3.97822,61817	4,56599	9561	3.98050,33182	4,54212
9462	3.97598,29437	4,58964	9512	3.97827,18416	4,56551	9562	3.98054,87394	4,54164
9463	3.97602,88401	4,58915	9513	3.97831,74967	4,56504	9563	3.98059,41558	4,54116
9464	3.97607,47316	4,58867	9514	3.97836,31471	4,56455	9564	3.98063,95674	4,54070
9465	3.97612,06183	4,58818	9515	3.97840,87926	4,56408	9565	3.98068,49744	4,54021
9466	3.97616,65001	4,58770	9516	3.97845,44334	4,56359	9566	3.98073,03765	4,53975
9467	3.97621,23771	4,58722	9517	3.97850,00693	4,56312	9567	3.98077,57740	4,53926
9468	3.97625,82493	4,58673	9518	3.97854,57005	4,56263	9568	3.98082,11666	4,53880
9469	3.97630,41166	4,58624	9519	3.97859,13268	4,56216	9569	3.98086,65546	4,53832
9470	3.97634,99790	4,58576	9520	3.97863,69484	4,56168	9570	3.98091,19378	4,53784
9471	3.97639,58366	4,58528	9521	3.97868,25652	4,56119	9571	3.98095,73162	4,53737
9472	3.97644,16894	4,58479	9522	3.97872,81771	4,56072	9572	3.98100,26899	4,53690
9473	3.97648,75373	4,58431	9523	3.97877,37843	4,56024	9573	3.98104,80589	4,53642
9474	3.97653,33804	4,58382	9524	3.97881,93867	4,55976	9574	3.98109,34231	4,53595
9475	3.97657,92186	4,58335	9525	3.97886,49843	4,55929	9575	3.98113,87826	4,53548
9476	3.97662,50521	4,58285	9526	3.97891,05772	4,55880	9576	3.98118,41374	4,53500
9477	3.97667,08806	4,58238	9527	3.97895,61652	4,55833	9577	3.98122,94874	4,53453
9478	3.97671,67044	4,58189	9528	3.97900,17485	4,55784	9578	3.98127,48327	4,53406
9479	3.97676,25233	4,58140	9529	3.97904,73269	4,55737	9579	3.98132,01733	4,53358
9480	3.97680,83373	4,58093	9530	3.97909,29006	4,55689	9580	3.98136,55091	4,53311
9481	3.97685,41466	4,58044	9531	3.97913,84695	4,55642	9581	3.98141,08402	4,53263
9482	3.97689,99510	4,57996	9532	3.97918,40337	4,55593	9582	3.98145,61665	4,53216
9483	3.97694,57506	4,57947	9533	3.97922,95930	4,55546	9583	3.98150,14881	4,53169
9484	3.97699,15453	4,57899	9534	3.97927,51476	4,55498	9584	3.98154,68050	4,53122
9485	3.97703,73352	4,57851	9535	3.97932,06974	4,55450	9585	3.98159,21172	4,53075
9486	3.97708,31203	4,57803	9536	3.97936,62424	4,55402	9586	3.98163,74247	4,53027
9487	3.97712,89006	4,57754	9537	3.97941,17826	4,55355	9587	3.98168,27274	4,52980
9488	3.97717,46760	4,57706	9538	3.97945,73181	4,55307	9588	3.98172,80254	4,52932
9489	3.97722,04466	4,57658	9539	3.97950,28488	4,55259	9589	3.98177,33186	4,52886
9490	3.97726,62124	4,57610	9540	3.97954,83747	4,55211	9590	3.98181,86072	4,52838
9491	3.97731,19734	4,57561	9541	3.97959,38958	4,55164	9591	3.98186,38910	4,52791
9492	3.97735,77295	4,57514	9542	3.97963,94122	4,55116	9592	3.98190,91701	4,52744
9493	3.97740,34809	4,57465	9543	3.97968,49238	4,55069	9593	3.98195,44445	4,52696
9494	3.97744,92274	4,57417	9544	3.97973,04307	4,55020	9594	3.98199,97141	4,52650
9495	3.97749,49691	4,57368	9545	3.97977,59327	4,54973	9595	3.98204,49791	4,52602
9496	3.97754,07059	4,57321	9546	3.97982,14300	4,54926	9596	3.98209,02393	4,52555
9497	3.97758,64380	4,57272	9547	3.97986,69226	4,54877	9597	3.98213,54948	4,52508
9498	3.97763,21652	4,57225	9548	3.97991,24103	4,54830	9598	3.98218,07456	4,52461
9499	3.97767,78877	4,57176	9549	3.97995,78933	4,54783	9599	3.98222,59917	4,52413
9500	3.97772,36053	4,57128	9550	3.98000,33716	4,54735	9600	3.98227,12330	4,52367

Chilias 10.

Chilias 10.

Chilias 10.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9601	3,98231,64697	4,52319	9651	3,98457,23156	4,49976	9701	3,98681,65046	4,47657
9602	3,98236,17016	4,52273	9652	3,98461,73132	4,49930	9702	3,98686,12703	4,47611
9603	3,98240,69289	4,52225	9653	3,98466,23062	4,49883	9703	3,98690,60314	4,47565
9604	3,98245,21514	4,52178	9654	3,98470,72945	4,49836	9704	3,98695,07879	4,47518
9605	3,98249,73692	4,52131	9655	3,98475,22781	4,49790	9705	3,98699,55397	4,47473
9606	3,98254,25823	4,52084	9656	3,98479,72571	4,49743	9706	3,98704,02870	4,47426
9607	3,98258,77907	4,52037	9657	3,98484,22314	4,49697	9707	3,98708,50296	4,47381
9608	3,98263,29944	4,51990	9658	3,98488,72011	4,49650	9708	3,98712,97677	4,47334
9609	3,98267,81934	4,51943	9659	3,98493,21661	4,49603	9709	3,98717,45011	4,47288
9610	3,98272,33877	4,51896	9660	3,98497,71264	4,49557	9710	3,98721,92299	4,47242
9611	3,98276,85773	4,51848	9661	3,98502,20821	4,49511	9711	3,98726,39541	4,47196
9612	3,98281,37621	4,51802	9662	3,98506,70332	4,49463	9712	3,98730,86737	4,47150
9613	3,98285,89423	4,51755	9663	3,98511,19795	4,49418	9713	3,98735,33887	4,47104
9614	3,98290,41178	4,51708	9664	3,98515,69213	4,49371	9714	3,98739,80991	4,47058
9615	3,98294,92886	4,51661	9665	3,98520,18584	4,49324	9715	3,98744,28049	4,47012
9616	3,98299,44547	4,51613	9666	3,98524,67908	4,49278	9716	3,98748,75061	4,46966
9617	3,98303,96160	4,51567	9667	3,98529,17186	4,49231	9717	3,98753,22027	4,46920
9618	3,98308,47727	4,51520	9668	3,98533,66417	4,49185	9718	3,98757,68947	4,46874
9619	3,98312,99247	4,51473	9669	3,98538,15602	4,49139	9719	3,98762,15821	4,46828
9620	3,98317,50720	4,51426	9670	3,98542,64741	4,49092	9720	3,98766,62649	4,46782
9621	3,98322,02146	4,51380	9671	3,98547,13833	4,49046	9721	3,98771,09431	4,46736
9622	3,98326,53526	4,51332	9672	3,98551,62879	4,48999	9722	3,98775,56167	4,46691
9623	3,98331,04858	4,51285	9673	3,98556,11878	4,48953	9723	3,98780,02858	4,46644
9624	3,98335,56143	4,51239	9674	3,98560,60831	4,48906	9724	3,98784,49502	4,46598
9625	3,98340,07382	4,51191	9675	3,98565,09737	4,48860	9725	3,98788,96100	4,46552
9626	3,98344,58573	4,51145	9676	3,98569,58597	4,48814	9726	3,98793,42652	4,46507
9627	3,98349,09718	4,51098	9677	3,98574,07411	4,48767	9727	3,98797,89159	4,46460
9628	3,98353,60816	4,51051	9678	3,98578,56178	4,48721	9728	3,98802,35619	4,46415
9629	3,98358,11867	4,51004	9679	3,98583,04899	4,48674	9729	3,98806,82034	4,46369
9630	3,98362,62871	4,50958	9680	3,98587,53573	4,48628	9730	3,98811,28403	4,46323
9631	3,98367,13829	4,50910	9681	3,98592,02201	4,48582	9731	3,98815,74726	4,46277
9632	3,98371,64739	4,50864	9682	3,98596,50783	4,48536	9732	3,98820,21003	4,46231
9633	3,98376,15603	4,50817	9683	3,98600,99319	4,48489	9733	3,98824,67234	4,46185
9634	3,98380,66420	4,50770	9684	3,98605,47808	4,48443	9734	3,98829,13419	4,46140
9635	3,98385,17190	4,50723	9685	3,98609,96251	4,48396	9735	3,98833,59559	4,46093
9636	3,98389,67913	4,50677	9686	3,98614,44647	4,48350	9736	3,98838,05652	4,46048
9637	3,98394,18590	4,50630	9687	3,98618,92997	4,48304	9737	3,98842,51700	4,46002
9638	3,98398,69220	4,50583	9688	3,98623,41301	4,48258	9738	3,98846,97702	4,45956
9639	3,98403,19803	4,50536	9689	3,98627,89559	4,48212	9739	3,98851,43658	4,45911
9640	3,98407,70339	4,50490	9690	3,98632,37771	4,48165	9740	3,98855,89569	4,45864
9641	3,98412,20829	4,50442	9691	3,98636,85936	4,48119	9741	3,98860,35433	4,45819
9642	3,98416,71271	4,50397	9692	3,98641,34055	4,48072	9742	3,98864,81252	4,45773
9643	3,98421,21668	4,50349	9693	3,98645,82127	4,48027	9743	3,98869,27025	4,45728
9644	3,98425,72017	4,50303	9694	3,98650,30154	4,47980	9744	3,98873,72753	4,45682
9645	3,98430,22320	4,50256	9695	3,98654,78134	4,47934	9745	3,98878,18435	4,45635
9646	3,98434,72576	4,50209	9696	3,98659,26068	4,47888	9746	3,98882,64070	4,45591
9647	3,98439,22785	4,50163	9697	3,98663,73956	4,47842	9747	3,98887,09661	4,45544
9648	3,98443,72948	4,50116	9698	3,98668,21798	4,47795	9748	3,98891,55205	4,45499
9649	3,98448,23064	4,50069	9699	3,98672,69593	4,47750	9749	3,98896,00704	4,45453
9650	3,98452,73133	4,50023	9700	3,98677,17343	4,47703	9750	3,98900,46157	4,45407

9751

Chilias 10.

Chilias 10.

Chilias 10.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9751	3.98904,91564	4,45362	9801	3.99127,03892	4,43090	9851	3.99348,03191	4,40841
9752	3.98909,36926	4,45316	9802	3.99131,46982	4,43044	9852	3.99352,44032	4,40796
9753	3.98913,82242	4,45271	9803	3.99135,90026	4,43000	9853	3.99356,84828	4,40751
9754	3.98918,27513	4,45224	9804	3.99140,33026	4,42954	9854	3.99361,25579	4,40707
9755	3.98922,72737	4,45179	9805	3.99144,75980	4,42909	9855	3.99365,66286	4,40662
9756	3.98927,17916	4,45134	9806	3.99149,18889	4,42864	9856	3.99370,06948	4,40618
9757	3.98931,63050	4,45088	9807	3.99153,61753	4,42819	9857	3.99374,47566	4,40572
9758	3.98936,08138	4,45042	9808	3.99158,04572	4,42773	9858	3.99378,88138	4,40528
9759	3.98940,53180	4,44997	9809	3.99162,47345	4,42729	9859	3.99383,28666	4,40483
9760	3.98944,98177	4,44951	9810	3.99166,90074	4,42683	9860	3.99387,69149	4,40439
9761	3.98949,43128	4,44905	9811	3.99171,32757	4,42638	9861	3.99392,09588	4,40394
9762	3.98953,88033	4,44860	9812	3.99175,75395	4,42593	9862	3.99396,49982	4,40349
9763	3.98958,32893	4,44814	9813	3.99180,17988	4,42548	9863	3.99400,90331	4,40305
9764	3.98962,77707	4,44769	9814	3.99184,60536	4,42503	9864	3.99405,30636	4,40260
9765	3.98967,22476	4,44723	9815	3.99189,03039	4,42458	9865	3.99409,70896	4,40215
9766	3.98971,67199	4,44678	9816	3.99193,45497	4,42413	9866	3.99414,11111	4,40171
9767	3.98976,11877	4,44632	9817	3.99197,87910	4,42368	9867	3.99418,51282	4,40126
9768	3.98980,56509	4,44587	9818	3.99202,30278	4,42322	9868	3.99422,91408	4,40082
9769	3.98985,01096	4,44541	9819	3.99206,72600	4,42278	9869	3.99427,31490	4,40037
9770	3.98989,45637	4,44496	9820	3.99211,14878	4,42232	9870	3.99431,71527	4,39992
9771	3.98993,90133	4,44450	9821	3.99215,57110	4,42188	9871	3.99436,11519	4,39948
9772	3.98998,34583	4,44405	9822	3.99219,99298	4,42142	9872	3.99440,51467	4,39903
9773	3.99002,78988	4,44359	9823	3.99224,41440	4,42098	9873	3.99444,91370	4,39859
9774	3.99007,23347	4,44314	9824	3.99228,83538	4,42052	9874	3.99449,31229	4,39814
9775	3.99011,67661	4,44268	9825	3.99233,25590	4,42008	9875	3.99453,71043	4,39770
9776	3.99016,11929	4,44223	9826	3.99237,67598	4,41963	9876	3.99458,10813	4,39725
9777	3.99020,56152	4,44177	9827	3.99242,09561	4,41917	9877	3.99462,50538	4,39680
9778	3.99025,00329	4,44132	9828	3.99246,51478	4,41873	9878	3.99466,90218	4,39636
9779	3.99029,44461	4,44087	9829	3.99250,93351	4,41827	9879	3.99471,29854	4,39592
9780	3.99033,88548	4,44041	9830	3.99255,35178	4,41783	9880	3.99475,69446	4,39547
9781	3.99038,32589	4,43996	9831	3.99259,76961	4,41738	9881	3.99480,08993	4,39503
9782	3.99042,76585	4,43950	9832	3.99264,18699	4,41693	9882	3.99484,48496	4,39458
9783	3.99047,20535	4,43905	9833	3.99268,60392	4,41648	9883	3.99488,87954	4,39413
9784	3.99051,64440	4,43860	9834	3.99273,02040	4,41603	9884	3.99493,27367	4,39369
9785	3.99056,08300	4,43814	9835	3.99277,43643	4,41558	9885	3.99497,66736	4,39325
9786	3.99060,52114	4,43769	9836	3.99281,85201	4,41513	9886	3.99502,06061	4,39281
9787	3.99064,95883	4,43724	9837	3.99286,26714	4,41468	9887	3.99506,45342	4,39235
9788	3.99069,39607	4,43678	9838	3.99290,68182	4,41424	9888	3.99510,84577	4,39192
9789	3.99073,83285	4,43633	9839	3.99295,09606	4,41378	9889	3.99515,23769	4,39147
9790	3.99078,26918	4,43588	9840	3.99299,50984	4,41334	9890	3.99519,62916	4,39103
9791	3.99082,70506	4,43542	9841	3.99303,92318	4,41289	9891	3.99524,02019	4,39058
9792	3.99087,14048	4,43497	9842	3.99308,33607	4,41244	9892	3.99528,41077	4,39014
9793	3.99091,57545	4,43452	9843	3.99312,74851	4,41199	9893	3.99532,80091	4,38969
9794	3.99096,00997	4,43406	9844	3.99317,16050	4,41155	9894	3.99537,19060	4,38925
9795	3.99100,44403	4,43362	9845	3.99321,57205	4,41109	9895	3.99541,57985	4,38881
9796	3.99104,87765	4,43315	9846	3.99325,98314	4,41065	9896	3.99545,96866	4,38837
9797	3.99109,31080	4,43271	9847	3.99330,39379	4,41020	9897	3.99550,35703	4,38792
9798	3.99113,74351	4,43226	9848	3.99334,80399	4,40975	9898	3.99554,74495	4,38748
9799	3.99118,17577	4,43180	9849	3.99339,21374	4,40931	9899	3.99559,13243	4,38703
9800	3.99122,60757	4,43135	9850	3.99343,62305	4,40886	9900	3.99563,51946	4,38659

Chilias 10.

Chilias 10.

Chilias 11.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
9901	3.99567,90605	4.38615 4.38570 4.38527 4.38482 4.38437	9951	3.99786,67262	4.36411 4.36368 4.36323 4.36280 4.36235	10001	4.00004,34273	4.34229 4.34186 4.34143 4.34099 4.34055
9902	3.99572,29220		9952	3.99791,03673		10002	4.00008,68502	
9903	3.99576,67790		9953	3.99795,40041		10003	4.00013,02688	
9904	3.99581,06317		9954	3.99799,76364		10004	4.00017,36831	
9905	3.99585,44799		9955	3.99804,12644		10005	4.00021,70930	
9906	3.99589,83236	4.38394 4.38349 4.38305 4.38261 4.38216	9956	3.99808,48879	4.36192 4.36148 4.36105 4.36060 4.36017	10006	4.00026,04985	4.34013 4.33969 4.33925 4.33883 4.33839
9907	3.99594,21630		9957	3.99812,85071		10007	4.00030,38998	
9908	3.99598,59979		9958	3.99817,21219		10008	4.00034,72967	
9909	3.99602,98284		9959	3.99821,57324		10009	4.00039,06892	
9910	3.99607,36545		9960	3.99825,93384		10010	4.00043,40775	
9911	3.99611,74761	4.38173 4.38128 4.38084 4.38039 4.37996	9961	3.99830,29401	4.35973 4.35929 4.35886 4.35841 4.35798	10011	4.00047,74614	4.33795 4.33753 4.33709 4.33665 4.33623
9912	3.99616,12934		9962	3.99834,65374		10012	4.00052,08409	
9913	3.99620,51062		9963	3.99839,01303		10013	4.00056,42162	
9914	3.99624,89146		9964	3.99843,37189		10014	4.00060,75871	
9915	3.99629,27185		9965	3.99847,73030		10015	4.00065,09536	
9916	3.99633,65181	4.37951 4.37908 4.37863 4.37819 4.37774	9966	3.99852,08828	4.35755 4.35710 4.35667 4.35623 4.35580	10016	4.00069,43159	4.33579 4.33536 4.33492 4.33449 4.33406
9917	3.99638,03132		9967	3.99856,44583		10017	4.00073,76738	
9918	3.99642,41040		9968	3.99860,80293		10018	4.00078,10274	
9919	3.99646,78903		9969	3.99865,15960		10019	4.00082,43766	
9920	3.99651,16722		9970	3.99869,51583		10020	4.00086,77215	
9921	3.99655,54496	4.37731 4.37687 4.37642 4.37598 4.37555	9971	3.99873,87163	4.35535 4.35492 4.35449 4.35405 4.35361	10021	4.00091,10621	4.33363 4.33320 4.33276 4.33233 4.33190
9922	3.99659,92227		9972	3.99878,22698		10022	4.00095,43984	
9923	3.99664,29914		9973	3.99882,58190		10023	4.00099,77304	
9924	3.99668,67556		9974	3.99886,93639		10024	4.00104,10580	
9925	3.99673,05154		9975	3.99891,29044		10025	4.00108,43813	
9926	3.99677,42709	4.37510 4.37466 4.37422 4.37378 4.37334	9976	3.99895,64405	4.35317 4.35274 4.35230 4.35187 4.35143	10026	4.00112,77003	4.33146 4.33104 4.33060 4.33017 4.32974
9927	3.99681,80219		9977	3.99899,99722		10027	4.00117,10149	
9928	3.99686,17685		9978	3.99904,34996		10028	4.00121,43253	
9929	3.99690,55107		9979	3.99908,70226		10029	4.00125,76313	
9930	3.99694,92485		9980	3.99913,05413		10030	4.00130,09330	
9931	3.99699,29819	4.37290 4.37246 4.37202 4.37157 4.37114	9981	3.99917,40556	4.35099 4.35056 4.35012 4.34969 4.34925	10031	4.00134,42304	4.32931 4.32887 4.32845 4.32801 4.32758
9932	3.99703,67109		9982	3.99921,75655		10032	4.00138,75235	
9933	3.99708,04355		9983	3.99926,10711		10033	4.00143,08122	
9934	3.99712,41557		9984	3.99930,45723		10034	4.00147,40967	
9935	3.99716,78714		9985	3.99934,80692		10035	4.00151,73768	
9936	3.99721,15828	4.37070 4.37026 4.36982 4.36938 4.36894	9986	3.99939,15617	4.34882 4.34838 4.34794 4.34751 4.34708	10036	4.00156,06526	4.32715 4.32672 4.32629 4.32586 4.32543
9937	3.99725,52898		9987	3.99943,50499		10037	4.00160,39241	
9938	3.99729,89924		9988	3.99947,85337		10038	4.00164,71913	
9939	3.99734,26906		9989	3.99952,20131		10039	4.00169,04542	
9940	3.99738,63844		9990	3.99956,54882		10040	4.00173,37128	
9941	3.99743,00738	4.36850 4.36806 4.36762 4.36719 4.36674	9991	3.99960,89590	4.34664 4.34620 4.34577 4.34534 4.34490	10041	4.00177,69671	4.32499 4.32457 4.32413 4.32371 4.32327
9942	3.99747,37588		9992	3.99965,24254		10042	4.00182,02170	
9943	3.99751,74394		9993	3.99969,58874		10043	4.00186,34627	
9944	3.99756,11156		9994	3.99973,93451		10044	4.00190,67040	
9945	3.99760,47875		9995	3.99978,27985		10045	4.00194,99411	
9946	3.99764,84549	4.36630 4.36587 4.36543 4.36498 4.36455	9996	3.99982,62475	4.34446 4.34403 4.34360 4.34316 4.34273	10046	4.00199,31738	4.32285 4.32241 4.32198 4.32156 4.32112
9947	3.99769,21179		9997	3.99986,96921		10047	4.00203,64023	
9948	3.99773,57766		9998	3.99991,31324		10048	4.00207,96264	
9949	3.99777,94309		9999	3.99995,65684		10049	4.00212,28462	
9950	3.99782,30807		10000	4.00000,00000		10050	4.00216,60618	

Chilias 11.

Chilias 11.

Chilias 11.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10051	4,00220,92730	4,32069	10101	4,00436,43711	4,29931	10151	4,00650,88278	4,27813
10052	4,00225,24799	4,32027	10102	4,00440,73642	4,29888	10152	4,00655,16091	4,27771
10053	4,00229,56826	4,31983	10103	4,00445,03530	4,29845	10153	4,00659,43862	4,27729
10054	4,00233,88809	4,31940	10104	4,00449,33375	4,29804	10154	4,00663,71591	4,27686
10055	4,00238,20749	4,31898	10105	4,00453,63179	4,29760	10155	4,00667,99277	4,27645
10056	4,00242,52647	4,31854	10106	4,00457,92939	4,29718	10156	4,00672,26922	4,27603
10057	4,00246,84501	4,31812	10107	4,00462,22657	4,29675	10157	4,00676,54525	4,27560
10058	4,00251,16313	4,31768	10108	4,00466,52332	4,29633	10158	4,00680,82085	4,27518
10059	4,00255,48081	4,31726	10109	4,00470,81965	4,29591	10159	4,00685,09603	4,27476
10060	4,00259,79807	4,31683	10110	4,00475,11556	4,29548	10160	4,00689,37079	4,27435
10061	4,00264,11490	4,31640	10111	4,00479,41104	4,29505	10161	4,00693,64514	4,27392
10062	4,00268,43130	4,31597	10112	4,00483,70609	4,29463	10162	4,00697,91906	4,27350
10063	4,00272,74727	4,31554	10113	4,00488,00072	4,29421	10163	4,00702,19256	4,27308
10064	4,00277,06281	4,31511	10114	4,00492,29493	4,29378	10164	4,00706,46564	4,27266
10065	4,00281,37792	4,31469	10115	4,00496,58871	4,29336	10165	4,00710,73830	4,27224
10066	4,00285,69261	4,31425	10116	4,00500,88207	4,29293	10166	4,00715,01054	4,27182
10067	4,00290,00686	4,31383	10117	4,00505,17500	4,29251	10167	4,00719,28236	4,27139
10068	4,00294,32069	4,31340	10118	4,00509,46751	4,29208	10168	4,00723,55375	4,27098
10069	4,00298,63409	4,31297	10119	4,00513,75959	4,29166	10169	4,00727,82473	4,27056
10070	4,00302,94706	4,31254	10120	4,00518,05125	4,29124	10170	4,00732,09529	4,27014
10071	4,00307,25960	4,31211	10121	4,00522,34249	4,29081	10171	4,00736,36543	4,26972
10072	4,00311,57171	4,31169	10122	4,00526,63330	4,29038	10172	4,00740,63515	4,26930
10073	4,00315,88340	4,31125	10123	4,00530,92368	4,28997	10173	4,00744,90445	4,26888
10074	4,00320,19465	4,31083	10124	4,00535,21365	4,28954	10174	4,00749,17333	4,26846
10075	4,00324,50548	4,31040	10125	4,00539,50319	4,28912	10175	4,00753,44179	4,26804
10076	4,00328,81588	4,30998	10126	4,00543,79231	4,28869	10176	4,00757,70983	4,26762
10077	4,00333,12586	4,30954	10127	4,00548,08100	4,28827	10177	4,00761,97745	4,26720
10078	4,00337,43540	4,30912	10128	4,00552,36927	4,28784	10178	4,00766,24465	4,26679
10079	4,00341,74452	4,30869	10129	4,00556,65711	4,28743	10179	4,00770,51144	4,26636
10080	4,00346,05321	4,30826	10130	4,00560,94454	4,28700	10180	4,00774,77780	4,26594
10081	4,00350,36147	4,30784	10131	4,00565,23154	4,28657	10181	4,00779,04374	4,26553
10082	4,00354,66931	4,30741	10132	4,00569,51811	4,28616	10182	4,00783,30927	4,26511
10083	4,00358,97672	4,30698	10133	4,00573,80427	4,28573	10183	4,00787,57438	4,26468
10084	4,00363,28370	4,30655	10134	4,00578,09000	4,28530	10184	4,00791,83906	4,26427
10085	4,00367,59025	4,30613	10135	4,00582,37530	4,28489	10185	4,00796,10333	4,26385
10086	4,00371,89638	4,30570	10136	4,00586,66019	4,28446	10186	4,00800,36718	4,26344
10087	4,00376,20208	4,30528	10137	4,00590,94465	4,28404	10187	4,00804,63062	4,26301
10088	4,00380,50736	4,30484	10138	4,00595,22869	4,28362	10188	4,00808,89363	4,26259
10089	4,00384,81220	4,30442	10139	4,00599,51231	4,28319	10189	4,00813,15622	4,26218
10090	4,00389,11662	4,30400	10140	4,00603,79550	4,28277	10190	4,00817,41840	4,26176
10091	4,00393,42062	4,30356	10141	4,00608,07827	4,28235	10191	4,00821,68016	4,26134
10092	4,00397,72418	4,30315	10142	4,00612,36062	4,28193	10192	4,00825,94150	4,26092
10093	4,00402,02733	4,30271	10143	4,00616,64255	4,28150	10193	4,00830,20242	4,26051
10094	4,00406,33004	4,30229	10144	4,00620,92405	4,28109	10194	4,00834,46293	4,26008
10095	4,00410,63233	4,30186	10145	4,00625,20514	4,28066	10195	4,00838,72301	4,25967
10096	4,00414,93419	4,30144	10146	4,00629,48580	4,28024	10196	4,00842,98268	4,25925
10097	4,00419,23563	4,30101	10147	4,00633,76604	4,27981	10197	4,00847,24193	4,25883
10098	4,00423,53664	4,30058	10148	4,00638,04585	4,27940	10198	4,00851,50076	4,25842
10099	4,00427,83722	4,30016	10149	4,00642,32525	4,27897	10199	4,00855,75918	4,25800
10100	4,00432,13738	4,29973	10150	4,00646,60422	4,27856	10200	4,00860,01718	4,25758

Chilias 11.

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10201	4,00864,27476		10251	4,01076,62335		10301	4,01287,93872	
10202	4,00868,53192	4,25716	10252	4,01080,85975	4,23640	10302	4,01292,15455	4,21583
10203	4,00872,78867	4,25675	10253	4,01085,09574	4,23599	10303	4,01296,36998	4,21543
10204	4,00877,04499	4,25632	10254	4,01089,33131	4,23557	10304	4,01300,58500	4,21502
10205	4,00881,30091	4,25592	10255	4,01093,56647	4,23516	10305	4,01304,79961	4,21461
10206	4,00885,55640	4,25549	10256	4,01097,80122	4,23475	10306	4,01309,01381	4,21420
10207	4,00889,81148	4,25508	10257	4,01102,03555	4,23433	10307	4,01313,22760	4,21379
10208	4,00894,06614	4,25466	10258	4,01106,26947	4,23392	10308	4,01317,44099	4,21339
10209	4,00898,32038	4,25424	10259	4,01110,50298	4,23351	10309	4,01321,65396	4,21297
10210	4,00902,57421	4,25383	10260	4,01114,73608	4,23310	10310	4,01325,86653	4,21257
10211	4,00906,82762	4,25341	10261	4,01118,96876	4,23268	10311	4,01330,07869	4,21216
10212	4,00911,08061	4,25299	10262	4,01123,20103	4,23227	10312	4,01334,29043	4,21174
10213	4,00915,33319	4,25258	10263	4,01127,43289	4,23186	10313	4,01338,50177	4,21134
10214	4,00919,58535	4,25216	10264	4,01131,66434	4,23145	10314	4,01342,71271	4,21094
10215	4,00923,83710	4,25175	10265	4,01135,89537	4,23103	10315	4,01346,92323	4,21052
10216	4,00928,08843	4,25133	10266	4,01140,12599	4,23062	10316	4,01351,13335	4,21012
10217	4,00932,33934	4,25091	10267	4,01144,35620	4,23021	10317	4,01355,34305	4,20970
10218	4,00936,58983	4,25049	10268	4,01148,58600	4,22980	10318	4,01359,55235	4,20930
10219	4,00940,83992	4,25009	10269	4,01152,81539	4,22939	10319	4,01363,76125	4,20890
10220	4,00945,08958	4,24966	10270	4,01157,04436	4,22897	10320	4,01367,96973	4,20848
10221	4,00949,33883	4,24925	10271	4,01161,27292	4,22856	10321	4,01372,17781	4,20808
10222	4,00953,58766	4,24883	10272	4,01165,50107	4,22815	10322	4,01376,38547	4,20766
10223	4,00957,83608	4,24842	10273	4,01169,72881	4,22774	10323	4,01380,59273	4,20726
10224	4,00962,08408	4,24800	10274	4,01173,95614	4,22733	10324	4,01384,79959	4,20686
10225	4,00966,33167	4,24759	10275	4,01178,18305	4,22691	10325	4,01389,00603	4,20644
10226	4,00970,57884	4,24717	10276	4,01182,40956	4,22651	10326	4,01393,21207	4,20604
10227	4,00974,82559	4,24675	10277	4,01186,63565	4,22609	10327	4,01397,41770	4,20563
10228	4,00979,07194	4,24635	10278	4,01190,86133	4,22568	10328	4,01401,62293	4,20523
10229	4,00983,31786	4,24592	10279	4,01195,08661	4,22528	10329	4,01405,82774	4,20481
10230	4,00987,56337	4,24551	10280	4,01199,31147	4,22486	10330	4,01410,03215	4,20441
10231	4,00991,80847	4,24510	10281	4,01203,53591	4,22444	10331	4,01414,23615	4,20400
10232	4,00996,05315	4,24468	10282	4,01207,75995	4,22404	10332	4,01418,43975	4,20360
10233	4,01000,29741	4,24426	10283	4,01211,98358	4,22363	10333	4,01422,64294	4,20319
10234	4,01004,54126	4,24385	10284	4,01216,20680	4,22322	10334	4,01426,84572	4,20278
10235	4,01008,78470	4,24344	10285	4,01220,42960	4,22280	10335	4,01431,04810	4,20238
10236	4,01013,02772	4,24302	10286	4,01224,65200	4,22240	10336	4,01435,25007	4,20197
10237	4,01017,27033	4,24261	10287	4,01228,87398	4,22198	10337	4,01439,45163	4,20156
10238	4,01021,51252	4,24219	10288	4,01233,09556	4,22158	10338	4,01443,65278	4,20115
10239	4,01025,75430	4,24178	10289	4,01237,31672	4,22116	10339	4,01447,85353	4,20075
10240	4,01029,99566	4,24136	10290	4,01241,53748	4,22076	10340	4,01452,05388	4,20035
10241	4,01034,23661	4,24095	10291	4,01245,75782	4,22034	10341	4,01456,25381	4,19993
10242	4,01038,47715	4,24054	10292	4,01249,97775	4,21993	10342	4,01460,45334	4,19953
10243	4,01042,71727	4,24012	10293	4,01254,19728	4,21953	10343	4,01464,65247	4,19913
10244	4,01046,95698	4,23971	10294	4,01258,41639	4,21911	10344	4,01468,85119	4,19872
10245	4,01051,19627	4,23929	10295	4,01262,63510	4,21871	10345	4,01473,04950	4,19831
10246	4,01055,43515	4,23888	10296	4,01266,85339	4,21829	10346	4,01477,24741	4,19791
10247	4,01059,67362	4,23847	10297	4,01271,07127	4,21788	10347	4,01481,44491	4,19750
10248	4,01063,91167	4,23805	10298	4,01275,28875	4,21748	10348	4,01485,64200	4,19709
10249	4,01068,14931	4,23764	10299	4,01279,50581	4,21706	10349	4,01489,83869	4,19669
10250	4,01072,38654	4,23723	10300	4,01283,72247	4,21666	10350	4,01494,03498	4,19629
		4,23681			4,21625			4,19588

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10351	4,01498,23086		10401	4,01707,50964		10451	4,01915,78477	
10352	4,01502,42633	4,19547	10402	4,01711,68494	4,17530	10452	4,01919,94011	4,15534
10353	4,01506,62140	4,19507	10403	4,01715,85985	4,17491	10453	4,01924,09504	4,15493
10354	4,01510,81606	4,19466	10404	4,01720,03435	4,17450	10454	4,01928,24958	4,15454
10355	4,01515,01032	4,19426	10405	4,01724,20845	4,17410	10455	4,01932,40372	4,15414
10356	4,01519,20418	4,19386	10406	4,01728,38216	4,17371	10456	4,01936,55746	4,15374
10357	4,01523,39762	4,19344	10407	4,01732,55546	4,17330	10457	4,01940,71080	4,15334
10358	4,01527,59067	4,19305	10408	4,01736,72836	4,17290	10458	4,01944,86375	4,15295
10359	4,01531,78331	4,19264	10409	4,01740,90085	4,17249	10459	4,01949,01630	4,15255
10360	4,01535,97554	4,19223	10410	4,01745,07295	4,17210	10460	4,01953,16845	4,15215
10361	4,01540,16737	4,19183	10411	4,01749,24465	4,17170	10461	4,01957,32021	4,15176
10362	4,01544,35880	4,19143	10412	4,01753,41594	4,17129	10462	4,01961,47157	4,15136
10363	4,01548,54982	4,19102	10413	4,01757,58684	4,17090	10463	4,01965,62253	4,15096
10364	4,01552,74043	4,19061	10414	4,01761,75733	4,17049	10464	4,01969,77310	4,15057
10365	4,01556,93064	4,19021	10415	4,01765,92743	4,17010	10465	4,01973,92327	4,15017
10366	4,01561,12045	4,18981	10416	4,01770,09712	4,16969	10466	4,01978,07304	4,14977
10367	4,01565,30985	4,18940	10417	4,01774,26642	4,16930	10467	4,01982,22242	4,14938
10368	4,01569,49885	4,18900	10418	4,01778,43531	4,16889	10468	4,01986,37140	4,14898
10369	4,01573,68745	4,18860	10419	4,01782,60380	4,16849	10469	4,01990,51998	4,14858
10370	4,01577,87564	4,18819	10420	4,01786,77190	4,16810	10470	4,01994,66817	4,14819
10371	4,01582,06343	4,18779	10421	4,01790,93959	4,16769	10471	4,01998,81596	4,14779
10372	4,01586,25081	4,18738	10422	4,01795,10688	4,16729	10472	4,02002,96335	4,14739
10373	4,01590,43779	4,18698	10423	4,01799,27378	4,16690	10473	4,02007,11035	4,14700
10374	4,01594,62437	4,18658	10424	4,01803,44027	4,16649	10474	4,02011,25696	4,14661
10375	4,01598,81054	4,18617	10425	4,01807,60636	4,16609	10475	4,02015,40316	4,14620
10376	4,01602,99631	4,18577	10426	4,01811,77206	4,16570	10476	4,02019,54898	4,14582
10377	4,01607,18167	4,18536	10427	4,01815,93735	4,16529	10477	4,02023,69439	4,14541
10378	4,01611,36664	4,18497	10428	4,01820,10225	4,16490	10478	4,02027,83941	4,14502
10379	4,01615,55120	4,18456	10429	4,01824,26675	4,16450	10479	4,02031,98404	4,14463
10380	4,01619,73535	4,18415	10430	4,01828,43084	4,16409	10480	4,02036,12826	4,14422
10381	4,01623,91910	4,18375	10431	4,01832,59454	4,16370	10481	4,02040,27210	4,14384
10382	4,01628,10245	4,18335	10432	4,01836,75784	4,16330	10482	4,02044,41554	4,14344
10383	4,01632,28540	4,18295	10433	4,01840,92074	4,16290	10483	4,02048,55858	4,14304
10384	4,01636,46795	4,18255	10434	4,01845,08324	4,16250	10484	4,02052,70123	4,14265
10385	4,01640,65009	4,18214	10435	4,01849,24534	4,16210	10485	4,02056,84348	4,14225
10386	4,01644,83183	4,18174	10436	4,01853,40704	4,16170	10486	4,02060,98534	4,14186
10387	4,01649,01316	4,18133	10437	4,01857,56835	4,16131	10487	4,02065,12680	4,14146
10388	4,01653,19410	4,18094	10438	4,01861,72925	4,16090	10488	4,02069,26787	4,14107
10389	4,01657,37463	4,18053	10439	4,01865,88976	4,16051	10489	4,02073,40854	4,14067
10390	4,01661,55476	4,18013	10440	4,01870,04987	4,16011	10490	4,02077,54882	4,14028
10391	4,01665,73448	4,17972	10441	4,01874,20958	4,15971	10491	4,02081,68870	4,13988
10392	4,01669,91381	4,17933	10442	4,01878,36889	4,15931	10492	4,02085,82819	4,13949
10393	4,01674,09273	4,17892	10443	4,01882,52780	4,15891	10493	4,02089,96729	4,13910
10394	4,01678,27125	4,17852	10444	4,01886,68632	4,15852	10494	4,02094,10599	4,13870
10395	4,01682,44937	4,17812	10445	4,01890,84443	4,15811	10495	4,02098,24429	4,13830
10396	4,01686,62708	4,17771	10446	4,01895,00215	4,15772	10496	4,02102,38220	4,13791
10397	4,01690,80440	4,17732	10447	4,01899,15947	4,15732	10497	4,02106,51972	4,13752
10398	4,01694,98131	4,17691	10448	4,01903,31639	4,15692	10498	4,02110,65684	4,13712
10399	4,01699,15782	4,17651	10449	4,01907,47292	4,15653	10499	4,02114,79357	4,13673
10400	4,01703,33393	4,17611	10450	4,01911,62904	4,15612	10500	4,02118,92991	4,13634
		4,17571			4,15573			4,13594

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10501	4,02123,06585	4,13555	10551	4,02329,36230	4,11595	10601	4,02534,68345	4,09654
10502	4,02127,20140	4,13515	10552	4,02333,47825	4,11556	10602	4,02538,77999	4,09615
10503	4,02131,33655	4,13476	10553	4,02337,59381	4,11517	10603	4,02542,87614	4,09577
10504	4,02135,47131	4,13436	10554	4,02341,70898	4,11478	10604	4,02546,97191	4,09538
10505	4,02139,60567	4,13398	10555	4,02345,82376	4,11439	10605	4,02551,06729	4,09499
10506	4,02143,73965	4,13358	10556	4,02349,93815	4,11401	10606	4,02555,16228	4,09461
10507	4,02147,87323	4,13318	10557	4,02354,05216	4,11361	10607	4,02559,25689	4,09422
10508	4,02152,00641	4,13279	10558	4,02358,16577	4,11322	10608	4,02563,35111	4,09383
10509	4,02156,13920	4,13240	10559	4,02362,27899	4,11283	10609	4,02567,44494	4,09345
10510	4,02160,27160	4,13201	10560	4,02366,39182	4,11244	10610	4,02571,53839	4,09306
10511	4,02164,40361	4,13161	10561	4,02370,50426	4,11206	10611	4,02575,63145	4,09268
10512	4,02168,53522	4,13122	10562	4,02374,61632	4,11166	10612	4,02579,72413	4,09229
10513	4,02172,66644	4,13083	10563	4,02378,72798	4,11127	10613	4,02583,81642	4,09191
10514	4,02176,79727	4,13043	10564	4,02382,83925	4,11089	10614	4,02587,90833	4,09152
10515	4,02180,92770	4,13004	10565	4,02386,95014	4,11050	10615	4,02591,99985	4,09114
10516	4,02185,05774	4,12965	10566	4,02391,06064	4,11010	10616	4,02596,09099	4,09075
10517	4,02189,18739	4,12926	10567	4,02395,17074	4,10972	10617	4,02600,18174	4,09036
10518	4,02193,31665	4,12886	10568	4,02399,28046	4,10933	10618	4,02604,27210	4,08998
10519	4,02197,44551	4,12847	10569	4,02403,38979	4,10894	10619	4,02608,36208	4,08959
10520	4,02201,57398	4,12808	10570	4,02407,49873	4,10855	10620	4,02612,45167	4,08921
10521	4,02205,70206	4,12769	10571	4,02411,60728	4,10817	10621	4,02616,54088	4,08883
10522	4,02209,82975	4,12729	10572	4,02415,71545	4,10777	10622	4,02620,62971	4,08844
10523	4,02213,95704	4,12690	10573	4,02419,82322	4,10739	10623	4,02624,71815	4,08805
10524	4,02218,08394	4,12651	10574	4,02423,93061	4,10699	10624	4,02628,80620	4,08767
10525	4,02222,21045	4,12612	10575	4,02428,03760	4,10661	10625	4,02632,89387	4,08729
10526	4,02226,33657	4,12572	10576	4,02432,14421	4,10623	10626	4,02636,98116	4,08690
10527	4,02230,46229	4,12534	10577	4,02436,25044	4,10583	10627	4,02641,06806	4,08651
10528	4,02234,58763	4,12494	10578	4,02440,35627	4,10544	10628	4,02645,15457	4,08614
10529	4,02238,71257	4,12455	10579	4,02444,46171	4,10506	10629	4,02649,24071	4,08574
10530	4,02242,83712	4,12416	10580	4,02448,56677	4,10467	10630	4,02653,32645	4,08537
10531	4,02246,96128	4,12376	10581	4,02452,67144	4,10428	10631	4,02657,41182	4,08497
10532	4,02251,08504	4,12338	10582	4,02456,77572	4,10389	10632	4,02661,49679	4,08460
10533	4,02255,20842	4,12298	10583	4,02460,87961	4,10351	10633	4,02665,58139	4,08421
10534	4,02259,33140	4,12259	10584	4,02464,98312	4,10312	10634	4,02669,66560	4,08382
10535	4,02263,45399	4,12221	10585	4,02469,08624	4,10273	10635	4,02673,74942	4,08345
10536	4,02267,57620	4,12181	10586	4,02473,18897	4,10234	10636	4,02677,83287	4,08305
10537	4,02271,69801	4,12141	10587	4,02477,29131	4,10195	10637	4,02681,91592	4,08268
10538	4,02275,81942	4,12103	10588	4,02481,39326	4,10157	10638	4,02685,99860	4,08229
10539	4,02279,94045	4,12064	10589	4,02485,49483	4,10118	10639	4,02690,08089	4,08191
10540	4,02284,06109	4,12024	10590	4,02489,59601	4,10079	10640	4,02694,16280	4,08152
10541	4,02288,18133	4,11986	10591	4,02493,69680	4,10041	10641	4,02698,24432	4,08114
10542	4,02292,30119	4,11946	10592	4,02497,79721	4,10002	10642	4,02702,32546	4,08076
10543	4,02296,42065	4,11907	10593	4,02501,89723	4,09963	10643	4,02706,40622	4,08037
10544	4,02300,53972	4,11869	10594	4,02505,99686	4,09924	10644	4,02710,48659	4,07999
10545	4,02304,65841	4,11829	10595	4,02510,09610	4,09886	10645	4,02714,56658	4,07960
10546	4,02308,77670	4,11790	10596	4,02514,19496	4,09847	10646	4,02718,64618	4,07923
10547	4,02312,89460	4,11751	10597	4,02518,29343	4,09809	10647	4,02722,72541	4,07884
10548	4,02317,01211	4,11712	10598	4,02522,39152	4,09770	10648	4,02726,80425	4,07845
10549	4,02321,12923	4,11673	10599	4,02526,48922	4,09731	10649	4,02730,88270	4,07808
10550	4,02325,24596	4,11634	10600	4,02530,58653	4,09692	10650	4,02734,96078	4,07769

10651

Chilias 11.

Chilias 11.

Chilias 11.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10651	4,02739,03847	4,07731	10701	4,02942,43641	4,05825	10751	4,03144,88619	4,03938
10652	4,02743,11578	4,07692	10702	4,02946,49466	4,05788	10752	4,03148,92557	4,03901
10653	4,02747,19270	4,07654	10703	4,02950,55254	4,05750	10753	4,03152,96458	4,03863
10654	4,02751,26924	4,07617	10704	4,02954,61004	4,05712	10754	4,03157,00321	4,03826
10655	4,02755,34541	4,07577	10705	4,02958,66716	4,05674	10755	4,03161,04147	4,03789
10656	4,02759,42118	4,07540	10706	4,02962,72390	4,05637	10756	4,03165,07936	4,03750
10657	4,02763,49658	4,07501	10707	4,02966,78027	4,05598	10757	4,03169,11686	4,03713
10658	4,02767,57159	4,07463	10708	4,02970,83625	4,05561	10758	4,03173,15399	4,03676
10659	4,02771,64622	4,07425	10709	4,02974,89186	4,05522	10759	4,03177,19075	4,03638
10660	4,02775,72047	4,07387	10710	4,02978,94708	4,05485	10760	4,03181,22713	4,03601
10661	4,02779,79434	4,07348	10711	4,02983,00193	4,05447	10761	4,03185,26314	4,03563
10662	4,02783,86782	4,07310	10712	4,02987,05640	4,05409	10762	4,03189,29877	4,03526
10663	4,02787,94092	4,07272	10713	4,02991,11049	4,05371	10763	4,03193,33403	4,03488
10664	4,02792,01364	4,07234	10714	4,02995,16420	4,05334	10764	4,03197,36891	4,03451
10665	4,02796,08598	4,07195	10715	4,02999,21754	4,05295	10765	4,03201,40342	4,03413
10666	4,02800,15793	4,07158	10716	4,03003,27049	4,05258	10766	4,03205,43755	4,03376
10667	4,02804,22951	4,07119	10717	4,03007,32307	4,05220	10767	4,03209,47131	4,03338
10668	4,02808,30070	4,07081	10718	4,03011,37527	4,05182	10768	4,03213,50469	4,03301
10669	4,02812,37151	4,07043	10719	4,03015,42709	4,05145	10769	4,03217,53770	4,03263
10670	4,02816,44194	4,07005	10720	4,03019,47854	4,05106	10770	4,03221,57033	4,03226
10671	4,02820,51199	4,06967	10721	4,03023,52960	4,05069	10771	4,03225,60259	4,03188
10672	4,02824,58166	4,06928	10722	4,03027,58029	4,05031	10772	4,03229,63447	4,03151
10673	4,02828,65094	4,06891	10723	4,03031,63060	4,04993	10773	4,03233,66598	4,03114
10674	4,02832,71985	4,06852	10724	4,03035,68053	4,04956	10774	4,03237,69712	4,03076
10675	4,02836,78837	4,06814	10725	4,03039,73009	4,04917	10775	4,03241,72788	4,03039
10676	4,02840,85651	4,06776	10726	4,03043,77926	4,04880	10776	4,03245,75827	4,03002
10677	4,02844,92427	4,06738	10727	4,03047,82806	4,04842	10777	4,03249,78829	4,02964
10678	4,02848,99165	4,06700	10728	4,03051,87648	4,04805	10778	4,03253,81793	4,02926
10679	4,02853,05865	4,06662	10729	4,03055,92453	4,04767	10779	4,03257,84719	4,02890
10680	4,02857,12527	4,06624	10730	4,03059,97220	4,04729	10780	4,03261,87609	4,02851
10681	4,02861,19151	4,06585	10731	4,03064,01949	4,04691	10781	4,03265,90460	4,02815
10682	4,02865,25736	4,06548	10732	4,03068,06640	4,04654	10782	4,03269,93275	4,02777
10683	4,02869,32284	4,06509	10733	4,03072,11294	4,04616	10783	4,03273,96052	4,02740
10684	4,02873,38793	4,06472	10734	4,03076,15910	4,04578	10784	4,03277,98792	4,02702
10685	4,02877,45265	4,06433	10735	4,03080,20488	4,04540	10785	4,03282,01494	4,02666
10686	4,02881,51698	4,06396	10736	4,03084,25028	4,04503	10786	4,03286,04160	4,02627
10687	4,02885,58094	4,06357	10737	4,03088,29531	4,04465	10787	4,03290,06787	4,02591
10688	4,02889,64451	4,06320	10738	4,03092,33996	4,04428	10788	4,03294,09378	4,02553
10689	4,02893,70771	4,06281	10739	4,03096,38424	4,04390	10789	4,03298,11931	4,02516
10690	4,02897,77052	4,06243	10740	4,03100,42814	4,04352	10790	4,03302,14447	4,02478
10691	4,02901,83295	4,06206	10741	4,03104,47166	4,04314	10791	4,03306,16925	4,02442
10692	4,02905,89501	4,06167	10742	4,03108,51480	4,04277	10792	4,03310,19367	4,02404
10693	4,02909,95668	4,06130	10743	4,03112,55757	4,04240	10793	4,03314,21771	4,02366
10694	4,02914,01798	4,06091	10744	4,03116,59997	4,04201	10794	4,03318,24137	4,02330
10695	4,02918,07889	4,06054	10745	4,03120,64198	4,04164	10795	4,03322,26467	4,02292
10696	4,02922,13943	4,06015	10746	4,03124,68362	4,04127	10796	4,03326,28759	4,02255
10697	4,02926,19958	4,05978	10747	4,03128,72489	4,04089	10797	4,03330,31014	4,02217
10698	4,02930,25936	4,05939	10748	4,03132,76578	4,04051	10798	4,03334,33231	4,02181
10699	4,02934,31875	4,05902	10749	4,03136,80629	4,04014	10799	4,03338,35412	4,02143
10700	4,02938,37777	4,05864	10750	4,03140,84643	4,03976	10800	4,03342,37555	4,02106

Chilias 11.

Chilias 11.

Chilias 11.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10801	4,03346,39661	4,02068	10851	4,03546,97635	4,00216	10901	4,03746,63396	3,98381
10802	4,03350,41729	4,02032	10852	4,03550,97851	4,00179	10902	4,03750,61777	3,98344
10803	4,03354,43761	4,01994	10853	4,03554,98030	4,00142	10903	4,03754,60121	3,98307
10804	4,03358,45755	4,01957	10854	4,03558,98172	4,00106	10904	4,03758,58428	3,98271
10805	4,03362,47712	4,01920	10855	4,03562,98278	4,00069	10905	4,03762,56699	3,98235
10806	4,03366,49632	4,01883	10856	4,03566,98347	4,00031	10906	4,03766,54934	3,98197
10807	4,03370,51515	4,01845	10857	4,03570,98378	3,99995	10907	4,03770,53131	3,98162
10808	4,03374,53360	4,01808	10858	4,03574,98373	3,99958	10908	4,03774,51293	3,98125
10809	4,03378,55168	4,01772	10859	4,03578,98331	3,99922	10909	4,03778,49418	3,98088
10810	4,03382,56940	4,01733	10860	4,03582,98253	3,99884	10910	4,03782,47506	3,98052
10811	4,03386,58673	4,01697	10861	4,03586,98137	3,99848	10911	4,03786,45558	3,98015
10812	4,03390,60370	4,01660	10862	4,03590,97985	3,99810	10912	4,03790,43573	3,97979
10813	4,03394,62030	4,01622	10863	4,03594,97795	3,99774	10913	4,03794,41552	3,97942
10814	4,03398,63652	4,01586	10864	4,03598,97569	3,99738	10914	4,03798,39494	3,97906
10815	4,03402,65238	4,01548	10865	4,03602,97307	3,99700	10915	4,03802,37400	3,97870
10816	4,03406,66786	4,01511	10866	4,03606,97007	3,99664	10916	4,03806,35270	3,97833
10817	4,03410,68297	4,01474	10867	4,03610,96671	3,99626	10917	4,03810,33103	3,97797
10818	4,03414,69771	4,01437	10868	4,03614,96297	3,99591	10918	4,03814,30900	3,97760
10819	4,03418,71208	4,01400	10869	4,03618,95888	3,99553	10919	4,03818,28660	3,97724
10820	4,03422,72608	4,01362	10870	4,03622,95441	3,99516	10920	4,03822,26384	3,97687
10821	4,03426,73970	4,01326	10871	4,03626,94957	3,99480	10921	4,03826,24071	3,97651
10822	4,03430,75296	4,01288	10872	4,03630,94437	3,99443	10922	4,03830,21722	3,97615
10823	4,03434,76584	4,01252	10873	4,03634,93880	3,99407	10923	4,03834,19337	3,97578
10824	4,03438,77836	4,01214	10874	4,03638,93287	3,99369	10924	4,03838,16915	3,97541
10825	4,03442,79050	4,01178	10875	4,03642,92656	3,99333	10925	4,03842,14456	3,97506
10826	4,03446,80228	4,01140	10876	4,03646,91989	3,99296	10926	4,03846,11962	3,97469
10827	4,03450,81368	4,01103	10877	4,03650,91285	3,99260	10927	4,03850,09431	3,97432
10828	4,03454,82471	4,01066	10878	4,03654,90545	3,99223	10928	4,03854,06863	3,97397
10829	4,03458,83537	4,01029	10879	4,03658,89768	3,99186	10929	4,03858,04260	3,97359
10830	4,03462,84566	4,00992	10880	4,03662,88954	3,99149	10930	4,03862,01619	3,97324
10831	4,03466,85558	4,00955	10881	4,03666,88103	3,99113	10931	4,03866,98943	3,97287
10832	4,03470,86513	4,00918	10882	4,03670,87216	3,99076	10932	4,03869,96230	3,97251
10833	4,03474,87431	4,00882	10883	4,03674,86292	3,99039	10933	4,03873,93481	3,97215
10834	4,03478,88313	4,00844	10884	4,03678,85331	3,99003	10934	4,03877,90696	3,97178
10835	4,03482,89157	4,00807	10885	4,03682,84334	3,98966	10935	4,03881,87874	3,97142
10836	4,03486,89964	4,00770	10886	4,03686,83300	3,98929	10936	4,03885,85016	3,97105
10837	4,03490,90734	4,00733	10887	4,03690,82229	3,98893	10937	4,03889,82121	3,97069
10838	4,03494,91467	4,00696	10888	4,03694,81122	3,98856	10938	4,03893,79190	3,97033
10839	4,03498,92163	4,00659	10889	4,03698,79978	3,98820	10939	4,03897,76223	3,96997
10840	4,03502,92822	4,00622	10890	4,03702,78798	3,98782	10940	4,03901,73220	3,96960
10841	4,03506,93444	4,00585	10891	4,03706,77580	3,98747	10941	4,03905,70180	3,96924
10842	4,03510,94029	4,00549	10892	4,03710,76327	3,98709	10942	4,03909,67104	3,96888
10843	4,03514,94578	4,00511	10893	4,03714,75036	3,98673	10943	4,03913,63992	3,96852
10844	4,03518,95089	4,00475	10894	4,03718,73709	3,98637	10944	4,03917,60844	3,96815
10845	4,03522,95564	4,00437	10895	4,03722,72346	3,98600	10945	4,03921,57659	3,96779
10846	4,03526,96001	4,00401	10896	4,03726,70946	3,98563	10946	4,03925,54438	3,96743
10847	4,03530,96402	4,00363	10897	4,03730,69509	3,98527	10947	4,03929,51181	3,96706
10848	4,03534,96765	4,00327	10898	4,03734,68036	3,98490	10948	4,03933,47887	3,96671
10849	4,03538,97092	4,00290	10899	4,03738,66526	3,98453	10949	4,03937,44558	3,96634
10850	4,03542,97382	4,00253	10900	4,03742,64979	3,98417	10950	4,03941,41192	3,96598

10951

Chilias 11.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
10951	4,03945,37790	3,96561	11001	4,04143,21647	3,94759	11051	4,04340,15789	3,92973
10952	4,03949,34351	3,96526	11002	4,04147,16406	3,94724	11052	4,04344,08762	3,92938
10953	4,03953,30877	3,96489	11003	4,04151,11130	3,94687	11053	4,04348,01700	3,92902
10954	4,03957,27366	3,96453	11004	4,04155,05817	3,94652	11054	4,04351,94602	3,92867
10955	4,03961,23819	3,96417	11005	4,04159,00469	3,94616	11055	4,04355,87469	3,92831
10956	4,03965,20236	3,96380	11006	4,04162,95085	3,94580	11056	4,04359,80300	3,92796
10957	4,03969,16616	3,96345	11007	4,04166,89665	3,94544	11057	4,04363,73096	3,92760
10958	4,03973,12961	3,96308	11008	4,04170,84209	3,94508	11058	4,04367,65856	3,92725
10959	4,03977,09269	3,96272	11009	4,04174,78717	3,94473	11059	4,04371,58581	3,92689
10960	4,03981,05541	3,96236	11010	4,04178,73190	3,94436	11060	4,04375,51270	3,92653
10961	4,03985,01777	3,96200	11011	4,04182,67626	3,94401	11061	4,04379,43923	3,92618
10962	4,03988,97977	3,96164	11012	4,04186,62027	3,94365	11062	4,04383,36541	3,92583
10963	4,03992,94141	3,96128	11013	4,04190,56392	3,94329	11063	4,04387,29124	3,92547
10964	4,03996,90269	3,96091	11014	4,04194,50721	3,94294	11064	4,04391,21671	3,92512
10965	4,04000,86360	3,96055	11015	4,04198,45015	3,94257	11065	4,04395,14183	3,92476
10966	4,04004,82415	3,96020	11016	4,04202,39272	3,94222	11066	4,04399,06659	3,92440
10967	4,04008,78435	3,95983	11017	4,04206,33494	3,94186	11067	4,04402,99099	3,92406
10968	4,04012,74418	3,95947	11018	4,04210,27680	3,94151	11068	4,04406,91505	3,92369
10969	4,04016,70365	3,95911	11019	4,04214,21831	3,94114	11069	4,04410,83874	3,92335
10970	4,04020,66276	3,95875	11020	4,04218,15945	3,94079	11070	4,04414,76209	3,92299
10971	4,04024,62151	3,95838	11021	4,04222,10024	3,94043	11071	4,04418,68508	3,92263
10972	4,04028,57989	3,95803	11022	4,04226,04067	3,94007	11072	4,04422,60771	3,92228
10973	4,04032,53792	3,95767	11023	4,04229,98074	3,93972	11073	4,04426,52999	3,92193
10974	4,04036,49559	3,95730	11024	4,04233,92046	3,93935	11074	4,04430,45192	3,92157
10975	4,04040,45289	3,95695	11025	4,04237,85981	3,93900	11075	4,04434,37349	3,92122
10976	4,04044,40984	3,95658	11026	4,04241,79881	3,93865	11076	4,04438,29471	3,92086
10977	4,04048,36642	3,95622	11027	4,04245,73746	3,93828	11077	4,04442,21557	3,92051
10978	4,04052,32264	3,95587	11028	4,04249,67574	3,93793	11078	4,04446,13608	3,92016
10979	4,04056,27851	3,95550	11029	4,04253,61367	3,93757	11079	4,04450,05624	3,91980
10980	4,04060,23401	3,95514	11030	4,04257,55124	3,93722	11080	4,04453,97604	3,91945
10981	4,04064,18915	3,95479	11031	4,04261,48846	3,93686	11081	4,04457,89549	3,91909
10982	4,04068,14394	3,95442	11032	4,04265,42532	3,93650	11082	4,04461,81458	3,91874
10983	4,04072,09836	3,95406	11033	4,04269,36182	3,93614	11083	4,04465,73332	3,91839
10984	4,04076,05242	3,95371	11034	4,04273,29796	3,93579	11084	4,04469,65171	3,91804
10985	4,04080,00613	3,95334	11035	4,04277,23375	3,93543	11085	4,04473,56975	3,91768
10986	4,04083,95947	3,95298	11036	4,04281,16918	3,93508	11086	4,04477,48743	3,91732
10987	4,04087,91245	3,95262	11037	4,04285,10426	3,93471	11087	4,04481,40475	3,91698
10988	4,04091,86507	3,95227	11038	4,04289,03897	3,93436	11088	4,04485,32173	3,91662
10989	4,04095,81734	3,95190	11039	4,04292,97333	3,93401	11089	4,04489,23835	3,91626
10990	4,04099,76924	3,95155	11040	4,04296,90734	3,93365	11090	4,04493,15461	3,91592
10991	4,04103,72079	3,95118	11041	4,04300,84099	3,93329	11091	4,04497,07053	3,91556
10992	4,04107,67197	3,95083	11042	4,04304,77428	3,93294	11092	4,04500,98609	3,91521
10993	4,04111,62280	3,95046	11043	4,04308,70722	3,93258	11093	4,04504,90130	3,91485
10994	4,04115,57326	3,95011	11044	4,04312,63980	3,93222	11094	4,04508,81615	3,91451
10995	4,04119,52337	3,94975	11045	4,04316,57202	3,93187	11095	4,04512,73066	3,91415
10996	4,04123,47312	3,94939	11046	4,04320,50389	3,93151	11096	4,04516,64481	3,91379
10997	4,04127,42251	3,94902	11047	4,04324,43540	3,93116	11097	4,04520,55860	3,91345
10998	4,04131,37153	3,94867	11048	4,04328,36656	3,93080	11098	4,04524,47205	3,91309
10999	4,04135,32020	3,94832	11049	4,04332,29736	3,93044	11099	4,04528,38514	3,91274
11000	4,04139,26852	3,94795	11050	4,04336,22780	3,93009	11100	4,04532,29788	3,91239

Chilias 12.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11101	4,04536,21027	3,91203	11151	4,04731,38158	3,89450	11201	4,04925,67972	3,87711
11102	4,04540,12230	3,91168	11152	4,04735,27608	3,89414	11202	4,04929,55683	3,87677
11103	4,04544,03398	3,91133	11153	4,04739,17022	3,89380	11203	4,04933,43360	3,87642
11104	4,04547,94531	3,91098	11154	4,04743,06402	3,89344	11204	4,04937,31002	3,87607
11105	4,04551,85629	3,91062	11155	4,04746,95746	3,89310	11205	4,04941,18609	3,87572
11106	4,04555,76691	3,91028	11156	4,04750,85056	3,89275	11206	4,04945,06181	3,87538
11107	4,04559,67719	3,90992	11157	4,04754,74331	3,89240	11207	4,04948,93719	3,87504
11108	4,04563,58711	3,90957	11158	4,04758,63571	3,89205	11208	4,04952,81223	3,87469
11109	4,04567,49668	3,90921	11159	4,04762,52776	3,89170	11209	4,04956,68692	3,87434
11110	4,04571,40589	3,90887	11160	4,04766,41946	3,89135	11210	4,04960,56126	3,87400
11111	4,04575,31476	3,90851	11161	4,04770,31081	3,89101	11211	4,04964,43526	3,87365
11112	4,04579,22327	3,90816	11162	4,04774,20182	3,89065	11212	4,04968,30891	3,87331
11113	4,04583,13143	3,90781	11163	4,04778,09247	3,89031	11213	4,04972,18222	3,87296
11114	4,04587,03924	3,90746	11164	4,04781,98278	3,88996	11214	4,04976,05518	3,87261
11115	4,04590,94670	3,90711	11165	4,04785,87274	3,88961	11215	4,04979,92779	3,87227
11116	4,04594,85381	3,90676	11166	4,04789,76235	3,88926	11216	4,04983,80006	3,87193
11117	4,04598,76057	3,90640	11167	4,04793,65161	3,88892	11217	4,04987,67199	3,87158
11118	4,04602,66697	3,90605	11168	4,04797,54053	3,88856	11218	4,04991,54357	3,87123
11119	4,04606,57302	3,90570	11169	4,04801,42909	3,88822	11219	4,04995,41480	3,87089
11120	4,04610,47872	3,90535	11170	4,04805,31731	3,88787	11220	4,04999,28569	3,87055
11121	4,04614,38407	3,90500	11171	4,04809,20518	3,88752	11221	4,05003,15624	3,87020
11122	4,04618,28907	3,90465	11172	4,04813,09270	3,88718	11222	4,05007,02644	3,86985
11123	4,04622,19372	3,90430	11173	4,04816,97988	3,88682	11223	4,05010,89629	3,86951
11124	4,04626,09802	3,90395	11174	4,04820,86670	3,88648	11224	4,05014,76580	3,86917
11125	4,04630,00197	3,90359	11175	4,04824,75318	3,88613	11225	4,05018,63497	3,86882
11126	4,04633,90556	3,90324	11176	4,04828,63931	3,88578	11226	4,05022,50379	3,86847
11127	4,04637,80880	3,90290	11177	4,04832,52509	3,88544	11227	4,05026,37226	3,86814
11128	4,04641,71170	3,90254	11178	4,04836,41053	3,88509	11228	4,05030,24040	3,86778
11129	4,04645,61424	3,90219	11179	4,04840,29562	3,88474	11229	4,05034,10818	3,86745
11130	4,04649,51643	3,90185	11180	4,04844,18036	3,88439	11230	4,05037,97563	3,86709
11131	4,04653,41828	3,90149	11181	4,04848,06475	3,88404	11231	4,05041,84272	3,86676
11132	4,04657,31977	3,90114	11182	4,04851,94879	3,88370	11232	4,05045,70948	3,86641
11133	4,04661,22091	3,90079	11183	4,04855,83249	3,88335	11233	4,05049,57589	3,86606
11134	4,04665,12170	3,90044	11184	4,04859,71584	3,88300	11234	4,05053,44195	3,86573
11135	4,04669,02214	3,90009	11185	4,04863,59884	3,88266	11235	4,05057,30768	3,86537
11136	4,04672,92223	3,89974	11186	4,04867,48150	3,88231	11236	4,05061,17305	3,86504
11137	4,04676,82197	3,89939	11187	4,04871,36381	3,88196	11237	4,05065,03809	3,86469
11138	4,04680,72136	3,89903	11188	4,04875,24577	3,88161	11238	4,05068,90278	3,86434
11139	4,04684,62039	3,89869	11189	4,04879,12738	3,88127	11239	4,05072,76712	3,86400
11140	4,04688,51908	3,89834	11190	4,04883,00865	3,88092	11240	4,05076,63112	3,86366
11141	4,04692,41742	3,89799	11191	4,04886,88957	3,88058	11241	4,05080,49478	3,86332
11142	4,04696,31541	3,89764	11192	4,04890,77015	3,88023	11242	4,05084,35810	3,86297
11143	4,04700,21305	3,89729	11193	4,04894,65038	3,87988	11243	4,05088,22107	3,86262
11144	4,04704,11034	3,89694	11194	4,04898,53026	3,87953	11244	4,05092,08369	3,86229
11145	4,04708,00728	3,89659	11195	4,04902,40979	3,87919	11245	4,05095,94598	3,86194
11146	4,04711,90387	3,89624	11196	4,04906,28898	3,87884	11246	4,05099,80792	3,86159
11147	4,04715,80011	3,89589	11197	4,04910,16782	3,87850	11247	4,05103,66951	3,86126
11148	4,04719,69600	3,89555	11198	4,04914,04632	3,87814	11248	4,05107,53077	3,86091
11149	4,04723,59155	3,89519	11199	4,04917,92446	3,87781	11249	4,05111,39168	3,86056
11150	4,04727,48674	3,89484	11200	4,04921,80227	3,87745	11250	4,05115,25224	3,86023

11251

Chilias 12.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11251	4,05119,11247	3,85988	11301	4,05311,68749	3,84281	11351	4,05503,41237	3,82587
11252	4,05122,97235	3,85954	11302	4,05315,53030	3,84246	11352	4,05507,23824	3,82555
11253	4,05126,83189	3,85919	11303	4,05319,37276	3,84212	11353	4,05511,06379	3,82520
11254	4,05130,69108	3,85885	11304	4,05323,21488	3,84179	11354	4,05514,88899	3,82487
11255	4,05134,54993	3,85851	11305	4,05327,05667	3,84144	11355	4,05518,71386	3,82453
11256	4,05138,40844	3,85817	11306	4,05330,89811	3,84111	11356	4,05522,53839	3,82419
11257	4,05142,26661	3,85782	11307	4,05334,73922	3,84076	11357	4,05526,36258	3,82385
11258	4,05146,12443	3,85748	11308	4,05338,57998	3,84043	11358	4,05530,18643	3,82352
11259	4,05149,98191	3,85714	11309	4,05342,42041	3,84008	11359	4,05534,00995	3,82319
11260	4,05153,83905	3,85680	11310	4,05346,26049	3,83975	11360	4,05537,83314	3,82284
11261	4,05157,69585	3,85645	11311	4,05350,10024	3,83941	11361	4,05541,65598	3,82251
11262	4,05161,55230	3,85611	11312	4,05353,93965	3,83906	11362	4,05545,47849	3,82218
11263	4,05165,40841	3,85577	11313	4,05357,77871	3,83873	11363	4,05549,30067	3,82184
11264	4,05169,26418	3,85543	11314	4,05361,61744	3,83839	11364	4,05553,12251	3,82150
11265	4,05173,11961	3,85508	11315	4,05365,45583	3,83805	11365	4,05556,94401	3,82116
11266	4,05176,97469	3,85474	11316	4,05369,29388	3,83771	11366	4,05560,76517	3,82083
11267	4,05180,82943	3,85440	11317	4,05373,13159	3,83737	11367	4,05564,58600	3,82049
11268	4,05184,68383	3,85406	11318	4,05376,96896	3,83703	11368	4,05568,40649	3,82016
11269	4,05188,53789	3,85371	11319	4,05380,80599	3,83670	11369	4,05572,22665	3,81982
11270	4,05192,39160	3,85338	11320	4,05384,64269	3,83635	11370	4,05576,04647	3,81948
11271	4,05196,24498	3,85303	11321	4,05388,47904	3,83601	11371	4,05579,86595	3,81915
11272	4,05200,09801	3,85269	11322	4,05392,31505	3,83568	11372	4,05583,68510	3,81881
11273	4,05203,95070	3,85235	11323	4,05396,15073	3,83534	11373	4,05587,50391	3,81848
11274	4,05207,80305	3,85200	11324	4,05399,98607	3,83500	11374	4,05591,32239	3,81814
11275	4,05211,65505	3,85167	11325	4,05403,82107	3,83466	11375	4,05595,14053	3,81781
11276	4,05215,50672	3,85132	11326	4,05407,65573	3,83432	11376	4,05598,95834	3,81747
11277	4,05219,35804	3,85099	11327	4,05411,49005	3,83398	11377	4,05602,77581	3,81713
11278	4,05223,20903	3,85064	11328	4,05415,32403	3,83365	11378	4,05606,59294	3,81680
11279	4,05227,05967	3,85029	11329	4,05419,15768	3,83331	11379	4,05610,40974	3,81647
11280	4,05230,90996	3,84996	11330	4,05422,99099	3,83296	11380	4,05614,22621	3,81612
11281	4,05234,75992	3,84962	11331	4,05426,82395	3,83263	11381	4,05618,04233	3,81580
11282	4,05238,60954	3,84927	11332	4,05430,65658	3,83230	11382	4,05621,85813	3,81546
11283	4,05242,45881	3,84894	11333	4,05434,48888	3,83195	11383	4,05625,67359	3,81512
11284	4,05246,30775	3,84859	11334	4,05438,32083	3,83162	11384	4,05629,48871	3,81479
11285	4,05250,15634	3,84825	11335	4,05442,15245	3,83127	11385	4,05633,30350	3,81445
11286	4,05254,00459	3,84791	11336	4,05445,98372	3,83094	11386	4,05637,11795	3,81411
11287	4,05257,85250	3,84757	11337	4,05449,81466	3,83061	11387	4,05640,93206	3,81379
11288	4,05261,70007	3,84723	11338	4,05453,64527	3,83026	11388	4,05644,74585	3,81345
11289	4,05265,54730	3,84689	11339	4,05457,47553	3,82993	11389	4,05648,55930	3,81311
11290	4,05269,39419	3,84655	11340	4,05461,30546	3,82958	11390	4,05652,37241	3,81278
11291	4,05273,24074	3,84621	11341	4,05465,13504	3,82925	11391	4,05656,18519	3,81244
11292	4,05277,08695	3,84586	11342	4,05468,96429	3,82892	11392	4,05659,99763	3,81211
11293	4,05280,93281	3,84553	11343	4,05472,79321	3,82857	11393	4,05663,80974	3,81177
11294	4,05284,77834	3,84519	11344	4,05476,62178	3,82824	11394	4,05667,62151	3,81144
11295	4,05288,62353	3,84484	11345	4,05480,45002	3,82790	11395	4,05671,43295	3,81111
11296	4,05292,46837	3,84451	11346	4,05484,27792	3,82757	11396	4,05675,24406	3,81077
11297	4,05296,31288	3,84416	11347	4,05488,10549	3,82722	11397	4,05679,05483	3,81043
11298	4,05300,15704	3,84382	11348	4,05491,93271	3,82689	11398	4,05682,86526	3,81011
11299	4,05304,00086	3,84349	11349	4,05495,75960	3,82655	11399	4,05686,67537	3,80976
11300	4,05307,84435	3,84314	11350	4,05499,58615	3,82622	11400	4,05690,48513	3,80944

Chilias 12.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11401	4,05694,29457	3,80910	11451	4,05884,34147	3,79246	11501	4,06073,56034	3,77599
11402	4,05698,10367	3,80876	11452	4,05888,13393	3,79214	11502	4,06077,33633	3,77565
11403	4,05701,91243	3,80843	11453	4,05891,92607	3,79181	11503	4,06081,11198	3,77532
11404	4,05705,72086	3,80810	11454	4,05895,71788	3,79147	11504	4,06084,88730	3,77500
11405	4,05709,52896	3,80776	11455	4,05899,50935	3,79115	11505	4,06088,66230	3,77467
11406	4,05713,33672	3,80743	11456	4,05903,30050	3,79081	11506	4,06092,43697	3,77434
11407	4,05717,14415	3,80710	11457	4,05907,09131	3,79048	11507	4,06096,21131	3,77401
11408	4,05720,95125	3,80676	11458	4,05910,88179	3,79015	11508	4,06099,98532	3,77369
11409	4,05724,75801	3,80643	11459	4,05914,67194	3,78982	11509	4,06103,75901	3,77335
11410	4,05728,56444	3,80610	11460	4,05918,46176	3,78949	11510	4,06107,53236	3,77303
11411	4,05732,37054	3,80576	11461	4,05922,25125	3,78916	11511	4,06111,30539	3,77270
11412	4,05736,17630	3,80543	11462	4,05926,04041	3,78883	11512	4,06115,07809	3,77238
11413	4,05739,98173	3,80509	11463	4,05929,82924	3,78850	11513	4,06118,85047	3,77204
11414	4,05743,78682	3,80476	11464	4,05933,61774	3,78817	11514	4,06122,62251	3,77172
11415	4,05747,59158	3,80443	11465	4,05937,40591	3,78783	11515	4,06126,39423	3,77139
11416	4,05751,39601	3,80410	11466	4,05941,19374	3,78751	11516	4,06130,16562	3,77106
11417	4,05755,20011	3,80376	11467	4,05944,98125	3,78718	11517	4,06133,93668	3,77074
11418	4,05759,00387	3,80343	11468	4,05948,76843	3,78684	11518	4,06137,70742	3,77041
11419	4,05762,80730	3,80309	11469	4,05952,55527	3,78652	11519	4,06141,47783	3,77008
11420	4,05766,61039	3,80276	11470	4,05956,34179	3,78619	11520	4,06145,24791	3,76975
11421	4,05770,41315	3,80243	11471	4,05960,12798	3,78585	11521	4,06149,01766	3,76943
11422	4,05774,21558	3,80210	11472	4,05963,91383	3,78553	11522	4,06152,78709	3,76910
11423	4,05778,01768	3,80176	11473	4,05967,69936	3,78519	11523	4,06156,55619	3,76877
11424	4,05781,81944	3,80143	11474	4,05971,48455	3,78487	11524	4,06160,32496	3,76845
11425	4,05785,62087	3,80110	11475	4,05975,26942	3,78454	11525	4,06164,09341	3,76811
11426	4,05789,42197	3,80077	11476	4,05979,05396	3,78420	11526	4,06167,86152	3,76780
11427	4,05793,22274	3,80043	11477	4,05982,83816	3,78388	11527	4,06171,62932	3,76746
11428	4,05797,02317	3,80010	11478	4,05986,62204	3,78355	11528	4,06175,39678	3,76714
11429	4,05800,82327	3,79977	11479	4,05990,40559	3,78322	11529	4,06179,16392	3,76681
11430	4,05804,62304	3,79944	11480	4,05994,18881	3,78288	11530	4,06182,93073	3,76648
11431	4,05808,42248	3,79910	11481	4,05997,97169	3,78256	11531	4,06186,69721	3,76616
11432	4,05812,22158	3,79877	11482	4,06001,75425	3,78223	11532	4,06190,46337	3,76583
11433	4,05816,02035	3,79844	11483	4,06005,53648	3,78190	11533	4,06194,22920	3,76551
11434	4,05819,81879	3,79810	11484	4,06009,31838	3,78157	11534	4,06197,99471	3,76518
11435	4,05823,61689	3,79778	11485	4,06013,09995	3,78124	11535	4,06201,75989	3,76485
11436	4,05827,41467	3,79744	11486	4,06016,88119	3,78092	11536	4,06205,52474	3,76452
11437	4,05831,21211	3,79711	11487	4,06020,66211	3,78058	11537	4,06209,28926	3,76420
11438	4,05835,00922	3,79678	11488	4,06024,44269	3,78025	11538	4,06213,05346	3,76388
11439	4,05838,80600	3,79645	11489	4,06028,22294	3,77993	11539	4,06216,81734	3,76354
11440	4,05842,60245	3,79611	11490	4,06032,00287	3,77959	11540	4,06220,58088	3,76322
11441	4,05846,39856	3,79578	11491	4,06035,78246	3,77927	11541	4,06224,34410	3,76290
11442	4,05850,19434	3,79545	11492	4,06039,56173	3,77894	11542	4,06228,10700	3,76257
11443	4,05853,98979	3,79512	11493	4,06043,34067	3,77861	11543	4,06231,86957	3,76224
11444	4,05857,78491	3,79479	11494	4,06047,11928	3,77828	11544	4,06235,63181	3,76192
11445	4,05861,57970	3,79446	11495	4,06050,89756	3,77795	11545	4,06239,39373	3,76159
11446	4,05865,37416	3,79412	11496	4,06054,67551	3,77763	11546	4,06243,15532	3,76126
11447	4,05869,16828	3,79380	11497	4,06058,45314	3,77729	11547	4,06246,91658	3,76094
11448	4,05872,96208	3,79346	11498	4,06062,23043	3,77697	11548	4,06250,67752	3,76061
11449	4,05876,75554	3,79313	11499	4,06066,00740	3,77664	11549	4,06254,43813	3,76029
11450	4,05880,54867	3,79280	11500	4,06069,78404	3,77630	11550	4,06258,19842	3,75997

11551

Chilias 12.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11551	4,06261,95839	3,75963	11601	4,06449,54268	3,74343	11651	4,06636,32023	3,72737
11552	4,06265,71802	3,75931	11602	4,06453,28611	3,74311	11652	4,06640,04760	3,72705
11553	4,06269,47733	3,75899	11603	4,06457,02922	3,74279	11653	4,06643,77465	3,72673
11554	4,06273,23632	3,75866	11604	4,06460,77201	3,74247	11654	4,06647,50138	3,72641
11555	4,06276,99498	3,75834	11605	4,06464,51448	3,74214	11655	4,06651,22779	3,72609
11556	4,06280,75332	3,75801	11606	4,06468,25662	3,74182	11656	4,06654,95388	3,72577
11557	4,06284,51133	3,75768	11607	4,06471,99844	3,74150	11657	4,06658,67965	3,72545
11558	4,06288,26901	3,75736	11608	4,06475,73994	3,74118	11658	4,06662,40510	3,72513
11559	4,06292,02637	3,75704	11609	4,06479,48112	3,74085	11659	4,06666,13023	3,72481
11560	4,06295,78341	3,75671	11610	4,06483,22197	3,74054	11660	4,06669,85504	3,72450
11561	4,06299,54012	3,75638	11611	4,06486,96251	3,74021	11661	4,06673,57954	3,72417
11562	4,06303,29650	3,75606	11612	4,06490,70272	3,73988	11662	4,06677,30371	3,72385
11563	4,06307,05256	3,75574	11613	4,06494,44260	3,73957	11663	4,06681,02756	3,72354
11564	4,06310,80830	3,75541	11614	4,06498,18217	3,73924	11664	4,06684,75110	3,72321
11565	4,06314,56371	3,75509	11615	4,06501,92141	3,73893	11665	4,06688,47431	3,72290
11566	4,06318,31880	3,75476	11616	4,06505,66034	3,73860	11666	4,06692,19721	3,72258
11567	4,06322,07356	3,75444	11617	4,06509,39894	3,73827	11667	4,06695,91979	3,72225
11568	4,06325,82800	3,75411	11618	4,06513,13721	3,73796	11668	4,06699,64204	3,72194
11569	4,06329,58211	3,75379	11619	4,06516,87517	3,73764	11669	4,06703,36398	3,72162
11570	4,06333,33590	3,75346	11620	4,06520,61281	3,73731	11670	4,06707,08560	3,72131
11571	4,06337,08936	3,75314	11621	4,06524,35012	3,73699	11671	4,06710,80691	3,72098
11572	4,06340,84250	3,75281	11622	4,06528,08711	3,73667	11672	4,06714,52789	3,72066
11573	4,06344,59531	3,75249	11623	4,06531,82378	3,73635	11673	4,06718,24855	3,72035
11574	4,06348,34780	3,75217	11624	4,06535,56013	3,73603	11674	4,06721,96890	3,72002
11575	4,06352,09997	3,75184	11625	4,06539,29616	3,73570	11675	4,06725,68892	3,71971
11576	4,06355,85181	3,75152	11626	4,06543,03186	3,73539	11676	4,06729,40863	3,71939
11577	4,06359,60333	3,75119	11627	4,06546,76725	3,73506	11677	4,06733,12802	3,71907
11578	4,06363,35452	3,75087	11628	4,06550,50231	3,73474	11678	4,06736,84709	3,71875
11579	4,06367,10539	3,75055	11629	4,06554,23705	3,73442	11679	4,06740,56584	3,71844
11580	4,06370,85594	3,75022	11630	4,06557,97147	3,73410	11680	4,06744,28428	3,71811
11581	4,06374,60616	3,74990	11631	4,06561,70557	3,73378	11681	4,06748,00239	3,71780
11582	4,06378,35606	3,74957	11632	4,06565,43935	3,73346	11682	4,06751,72019	3,71748
11583	4,06382,10563	3,74926	11633	4,06569,17281	3,73314	11683	4,06755,43767	3,71716
11584	4,06385,85489	3,74892	11634	4,06572,90595	3,73281	11684	4,06759,15483	3,71684
11585	4,06389,60381	3,74861	11635	4,06576,63876	3,73250	11685	4,06762,87167	3,71653
11586	4,06393,35242	3,74828	11636	4,06580,37126	3,73217	11686	4,06766,58820	3,71620
11587	4,06397,10070	3,74795	11637	4,06584,10343	3,73186	11687	4,06770,30440	3,71589
11588	4,06400,84865	3,74764	11638	4,06587,83529	3,73153	11688	4,06774,02029	3,71557
11589	4,06404,59629	3,74731	11639	4,06591,56682	3,73121	11689	4,06777,73586	3,71526
11590	4,06408,34360	3,74698	11640	4,06595,29803	3,73089	11690	4,06781,45112	3,71493
11591	4,06412,09058	3,74667	11641	4,06599,02892	3,73057	11691	4,06785,16605	3,71462
11592	4,06415,83725	3,74634	11642	4,06602,75949	3,73026	11692	4,06788,88067	3,71430
11593	4,06419,58359	3,74601	11643	4,06606,48975	3,72993	11693	4,06792,59497	3,71398
11594	4,06423,32960	3,74570	11644	4,06610,21968	3,72961	11694	4,06796,30895	3,71366
11595	4,06427,07530	3,74537	11645	4,06613,94929	3,72929	11695	4,06800,02261	3,71335
11596	4,06430,82067	3,74505	11646	4,06617,67858	3,72897	11696	4,06803,73596	3,71303
11597	4,06434,56572	3,74472	11647	4,06621,40755	3,72865	11697	4,06807,44899	3,71271
11598	4,06438,31044	3,74440	11648	4,06625,13620	3,72833	11698	4,06811,16170	3,71240
11599	4,06442,05484	3,74408	11649	4,06628,86453	3,72801	11699	4,06814,87410	3,71207
11600	4,06445,79892	3,74376	11650	4,06632,59254	3,72769	11700	4,06818,58617	3,71176

Chilias 12.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11701	4,06822,29793	3,71145	11751	4,07007,48263	3,69565	11801	4,07191,88104	3,67999
11702	4,06826,00938	3,71112	11752	4,07011,17828	3,69534	11802	4,07195,56103	3,67968
11703	4,06829,72050	3,71081	11753	4,07014,87362	3,69502	11803	4,07199,24071	3,67937
11704	4,06833,43131	3,71049	11754	4,07018,56864	3,69471	11804	4,07202,92008	3,67906
11705	4,06837,14180	3,71018	11755	4,07022,26335	3,69439	11805	4,07206,59914	3,67875
11706	4,06840,85198	3,70986	11756	4,07025,95774	3,69408	11806	4,07210,27789	3,67843
11707	4,06844,56184	3,70954	11757	4,07029,65182	3,69377	11807	4,07213,95632	3,67813
11708	4,06848,27138	3,70922	11758	4,07033,34559	3,69345	11808	4,07217,63445	3,67781
11709	4,06851,98060	3,70891	11759	4,07037,03904	3,69313	11809	4,07221,31226	3,67750
11710	4,06855,68951	3,70859	11760	4,07040,73217	3,69283	11810	4,07224,98976	3,67719
11711	4,06859,39810	3,70827	11761	4,07044,42500	3,69251	11811	4,07228,66695	3,67688
11712	4,06863,10637	3,70796	11762	4,07048,11751	3,69219	11812	4,07232,34383	3,67657
11713	4,06866,81433	3,70764	11763	4,07051,80970	3,69188	11813	4,07236,02040	3,67625
11714	4,06870,52197	3,70732	11764	4,07055,50158	3,69157	11814	4,07239,69665	3,67595
11715	4,06874,22929	3,70701	11765	4,07059,19315	3,69126	11815	4,07243,37260	3,67563
11716	4,06877,93630	3,70669	11766	4,07062,88441	3,69094	11816	4,07247,04823	3,67532
11717	4,06881,64299	3,70638	11767	4,07066,57535	3,69062	11817	4,07250,72355	3,67501
11718	4,06885,34937	3,70606	11768	4,07070,26597	3,69031	11818	4,07254,39856	3,67470
11719	4,06889,05543	3,70574	11769	4,07073,95628	3,69000	11819	4,07258,07326	3,67439
11720	4,06892,76117	3,70542	11770	4,07077,64628	3,68969	11820	4,07261,74765	3,67408
11721	4,06896,46659	3,70511	11771	4,07081,33597	3,68937	11821	4,07265,42173	3,67377
11722	4,06900,17170	3,70480	11772	4,07085,02534	3,68906	11822	4,07269,09550	3,67346
11723	4,06903,87650	3,70448	11773	4,07088,71440	3,68875	11823	4,07272,76896	3,67315
11724	4,06907,58098	3,70416	11774	4,07092,40315	3,68843	11824	4,07276,44211	3,67283
11725	4,06911,28514	3,70384	11775	4,07096,09158	3,68812	11825	4,07280,11494	3,67253
11726	4,06914,98898	3,70354	11776	4,07099,77970	3,68781	11826	4,07283,78747	3,67221
11727	4,06918,69252	3,70321	11777	4,07103,46751	3,68749	11827	4,07287,45968	3,67191
11728	4,06922,39573	3,70290	11778	4,07107,15500	3,68718	11828	4,07291,13159	3,67159
11729	4,06926,09863	3,70258	11779	4,07110,84218	3,68687	11829	4,07294,80318	3,67128
11730	4,06929,80121	3,70227	11780	4,07114,52905	3,68655	11830	4,07298,47446	3,67098
11731	4,06933,50348	3,70195	11781	4,07118,21560	3,68624	11831	4,07302,14544	3,67066
11732	4,06937,20543	3,70164	11782	4,07121,90184	3,68593	11832	4,07305,81610	3,67035
11733	4,06940,90707	3,70132	11783	4,07125,58777	3,68561	11833	4,07309,48645	3,67004
11734	4,06944,60839	3,70100	11784	4,07129,27338	3,68531	11834	4,07313,15649	3,66974
11735	4,06948,30939	3,70069	11785	4,07132,95869	3,68499	11835	4,07316,82623	3,66942
11736	4,06952,01008	3,70038	11786	4,07136,64368	3,68467	11836	4,07320,49565	3,66911
11737	4,06955,71046	3,70006	11787	4,07140,32835	3,68437	11837	4,07324,16476	3,66880
11738	4,06959,41052	3,69974	11788	4,07144,01272	3,68405	11838	4,07327,83356	3,66850
11739	4,06963,11026	3,69943	11789	4,07147,69677	3,68374	11839	4,07331,50206	3,66818
11740	4,06966,80969	3,69912	11790	4,07151,38051	3,68343	11840	4,07335,17024	3,66787
11741	4,06970,50881	3,69879	11791	4,07155,06394	3,68311	11841	4,07338,83811	3,66756
11742	4,06974,20760	3,69849	11792	4,07158,74705	3,68280	11842	4,07342,50567	3,66726
11743	4,06977,90609	3,69817	11793	4,07162,42985	3,68249	11843	4,07346,17293	3,66694
11744	4,06981,60426	3,69785	11794	4,07166,11234	3,68218	11844	4,07349,83987	3,66664
11745	4,06985,30211	3,69754	11795	4,07169,79452	3,68187	11845	4,07353,50651	3,66632
11746	4,06988,99965	3,69723	11796	4,07173,47639	3,68155	11846	4,07357,17283	3,66602
11747	4,06992,69688	3,69691	11797	4,07177,15794	3,68124	11847	4,07360,83885	3,66570
11748	4,06996,39379	3,69659	11798	4,07180,83918	3,68093	11848	4,07364,50455	3,66540
11749	4,07000,09038	3,69628	11799	4,07184,52011	3,68062	11849	4,07368,16995	3,66508
11750	4,07003,78666	3,69597	11800	4,07188,20073	3,68031	11850	4,07371,83503	3,66478

Chilias 12.

Chilias 12.

Chilias 12.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
11851	4,07375,49981	3,66447	11901	4,07558,34552	3,64907	11951	4,07740,42464	3,63381
11852	4,07379,16428	3,66416	11902	4,07561,99459	3,64877	11952	4,07744,05845	3,63350
11853	4,07382,82844	3,66385	11903	4,07565,64336	3,64846	11953	4,07747,69195	3,63320
11854	4,07386,49229	3,66354	11904	4,07569,29182	3,64815	11954	4,07751,32515	3,63290
11855	4,07390,15583	3,66323	11905	4,07572,93997	3,64785	11955	4,07754,95805	3,63259
11856	4,07393,81906	3,66293	11906	4,07576,58782	3,64754	11956	4,07758,59064	3,63228
11857	4,07397,48199	3,66261	11907	4,07580,23536	3,64724	11957	4,07762,22292	3,63199
11858	4,07401,14460	3,66231	11908	4,07583,88260	3,64693	11958	4,07765,85491	3,63168
11859	4,07404,80691	3,66199	11909	4,07587,52953	3,64662	11959	4,07769,48659	3,63138
11860	4,07408,46890	3,66169	11910	4,07591,17615	3,64631	11960	4,07773,11797	3,63107
11861	4,07412,13059	3,66138	11911	4,07594,82246	3,64601	11961	4,07776,74904	3,63077
11862	4,07415,79197	3,66107	11912	4,07598,46847	3,64571	11962	4,07780,37981	3,63046
11863	4,07419,45304	3,66076	11913	4,07602,11418	3,64540	11963	4,07784,01027	3,63017
11864	4,07423,11380	3,66046	11914	4,07605,75958	3,64509	11964	4,07787,64044	3,62985
11865	4,07426,77426	3,66014	11915	4,07609,40467	3,64478	11965	4,07791,27029	3,62956
11866	4,07430,43440	3,65984	11916	4,07613,04945	3,64448	11966	4,07794,89985	3,62925
11867	4,07434,09424	3,65952	11917	4,07616,69393	3,64418	11967	4,07798,52910	3,62895
11868	4,07437,75376	3,65922	11918	4,07620,33811	3,64387	11968	4,07802,15805	3,62865
11869	4,07441,41298	3,65892	11919	4,07623,98198	3,64356	11969	4,07805,78670	3,62834
11870	4,07445,07190	3,65860	11920	4,07627,62554	3,64326	11970	4,07809,41504	3,62804
11871	4,07448,73050	3,65829	11921	4,07631,26880	3,64295	11971	4,07813,04308	3,62774
11872	4,07452,38879	3,65799	11922	4,07634,91175	3,64265	11972	4,07816,67082	3,62743
11873	4,07456,04678	3,65768	11923	4,07638,55440	3,64234	11973	4,07820,29825	3,62713
11874	4,07459,70446	3,65737	11924	4,07642,19674	3,64203	11974	4,07823,92538	3,62683
11875	4,07463,36183	3,65706	11925	4,07645,83877	3,64173	11975	4,07827,55221	3,62652
11876	4,07467,01889	3,65676	11926	4,07649,48050	3,64143	11976	4,07831,17873	3,62623
11877	4,07470,67565	3,65644	11927	4,07653,12193	3,64111	11977	4,07834,80496	3,62591
11878	4,07474,33209	3,65614	11928	4,07656,76304	3,64082	11978	4,07838,43087	3,62562
11879	4,07477,98823	3,65583	11929	4,07660,40386	3,64051	11979	4,07842,05649	3,62532
11880	4,07481,64406	3,65553	11930	4,07664,04437	3,64020	11980	4,07845,68181	3,62501
11881	4,07485,29959	3,65521	11931	4,07667,68457	3,63990	11981	4,07849,30682	3,62471
11882	4,07488,95480	3,65491	11932	4,07671,32447	3,63959	11982	4,07852,93153	3,62440
11883	4,07492,60971	3,65460	11933	4,07674,96406	3,63929	11983	4,07856,55593	3,62411
11884	4,07496,26431	3,65430	11934	4,07678,60335	3,63898	11984	4,07860,18004	3,62380
11885	4,07499,91861	3,65398	11935	4,07682,24233	3,63868	11985	4,07863,80384	3,62350
11886	4,07503,57259	3,65368	11936	4,07685,88101	3,63838	11986	4,07867,42734	3,62319
11887	4,07507,22627	3,65337	11937	4,07689,51939	3,63807	11987	4,07871,05053	3,62290
11888	4,07510,87964	3,65307	11938	4,07693,15746	3,63776	11988	4,07874,67343	3,62259
11889	4,07514,53271	3,65275	11939	4,07696,79522	3,63746	11989	4,07878,29602	3,62229
11890	4,07518,18546	3,65245	11940	4,07700,43268	3,63715	11990	4,07881,91831	3,62199
11891	4,07521,83791	3,65214	11941	4,07704,06983	3,63685	11991	4,07885,54030	3,62168
11892	4,07525,49005	3,65184	11942	4,07707,70668	3,63655	11992	4,07889,16198	3,62139
11893	4,07529,14189	3,65153	11943	4,07711,34323	3,63624	11993	4,07892,78337	3,62108
11894	4,07532,79342	3,65122	11944	4,07714,97947	3,63594	11994	4,07896,40445	3,62078
11895	4,07536,44464	3,65091	11945	4,07718,61541	3,63563	11995	4,07900,02523	3,62048
11896	4,07540,09555	3,65061	11946	4,07722,25104	3,63533	11996	4,07903,64571	3,62018
11897	4,07543,74616	3,65030	11947	4,07725,88637	3,63502	11997	4,07907,26589	3,61987
11898	4,07547,39646	3,64999	11948	4,07729,52139	3,63472	11998	4,07910,88576	3,61957
11899	4,07551,04645	3,64969	11949	4,07733,15611	3,63442	11999	4,07914,50533	3,61927
11900	4,07554,69614	3,64938	11950	4,07736,79053	3,63411	12000	4,07918,12460	3,61897

Chilias 13.

Chilias 13.

Chilias 13.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12001	4,07921,74357	3,61867	12051	4,08102,30865	3,60365	12101	4,08282,12609	3,58877
12002	4,07925,36224	3,61837	12052	4,08105,91230	3,60336	12102	4,08285,71486	3,58847
12003	4,07928,98061	3,61807	12053	4,08109,51566	3,60305	12103	4,08289,30333	3,58817
12004	4,07932,59868	3,61776	12054	4,08113,11871	3,60276	12104	4,08292,89150	3,58788
12005	4,07936,21644	3,61746	12055	4,08116,72147	3,60246	12105	4,08296,47938	3,58758
12006	4,07939,83390	3,61716	12056	4,08120,32393	3,60216	12106	4,08300,06696	3,58728
12007	4,07943,45106	3,61686	12057	4,08123,92609	3,60186	12107	4,08303,65424	3,58699
12008	4,07947,06792	3,61656	12058	4,08127,52795	3,60157	12108	4,08307,24123	3,58669
12009	4,07950,68448	3,61626	12059	4,08131,12952	3,60126	12109	4,08310,82792	3,58639
12010	4,07954,30074	3,61596	12060	4,08134,73078	3,60097	12110	4,08314,41431	3,58610
12011	4,07957,91670	3,61565	12061	4,08138,33175	3,60066	12111	4,08318,00041	3,58581
12012	4,07961,53235	3,61536	12062	4,08141,93241	3,60037	12112	4,08321,58622	3,58550
12013	4,07965,14771	3,61505	12063	4,08145,53278	3,60007	12113	4,08325,17172	3,58521
12014	4,07968,76276	3,61475	12064	4,08149,13285	3,59977	12114	4,08328,75693	3,58492
12015	4,07972,37751	3,61446	12065	4,08152,73262	3,59948	12115	4,08332,34185	3,58462
12016	4,07975,99197	3,61415	12066	4,08156,33210	3,59917	12116	4,08335,92647	3,58432
12017	4,07979,60612	3,61385	12067	4,08159,93127	3,59888	12117	4,08339,51079	3,58403
12018	4,07983,21997	3,61355	12068	4,08163,53015	3,59858	12118	4,08343,09482	3,58373
12019	4,07986,83352	3,61325	12069	4,08167,12873	3,59828	12119	4,08346,67855	3,58343
12020	4,07990,44677	3,61295	12070	4,08170,72701	3,59798	12120	4,08350,26198	3,58314
12021	4,07994,05972	3,61264	12071	4,08174,32499	3,59769	12121	4,08353,84512	3,58285
12022	4,07997,67236	3,61235	12072	4,08177,92268	3,59738	12122	4,08357,42797	3,58255
12023	4,08001,28471	3,61205	12073	4,08181,52006	3,59709	12123	4,08361,01052	3,58225
12024	4,08004,89676	3,61174	12074	4,08185,11715	3,59679	12124	4,08364,59277	3,58196
12025	4,08008,50850	3,61145	12075	4,08188,71394	3,59650	12125	4,08368,17473	3,58166
12026	4,08012,11995	3,61115	12076	4,08192,31044	3,59619	12126	4,08371,75639	3,58137
12027	4,08015,73110	3,61084	12077	4,08195,90663	3,59590	12127	4,08375,33776	3,58107
12028	4,08019,34194	3,61055	12078	4,08199,50253	3,59560	12128	4,08378,91883	3,58078
12029	4,08022,95249	3,61024	12079	4,08203,09813	3,59530	12129	4,08382,49961	3,58048
12030	4,08026,56273	3,60995	12080	4,08206,69343	3,59500	12130	4,08386,08009	3,58018
12031	4,08030,17268	3,60964	12081	4,08210,28843	3,59471	12131	4,08389,66027	3,57989
12032	4,08033,78232	3,60935	12082	4,08213,88314	3,59441	12132	4,08393,24016	3,57960
12033	4,08037,39167	3,60905	12083	4,08217,47755	3,59411	12133	4,08396,81976	3,57930
12034	4,08041,00072	3,60874	12084	4,08221,07166	3,59381	12134	4,08400,39906	3,57901
12035	4,08044,60946	3,60845	12085	4,08224,66547	3,59352	12135	4,08403,97807	3,57871
12036	4,08048,21791	3,60814	12086	4,08228,25899	3,59322	12136	4,08407,55678	3,57841
12037	4,08051,82605	3,60785	12087	4,08231,85221	3,59292	12137	4,08411,13519	3,57813
12038	4,08055,43390	3,60755	12088	4,08235,44513	3,59263	12138	4,08414,71332	3,57782
12039	4,08059,04145	3,60724	12089	4,08239,03776	3,59233	12139	4,08418,29114	3,57753
12040	4,08062,64869	3,60695	12090	4,08242,63009	3,59203	12140	4,08421,86867	3,57724
12041	4,08066,25564	3,60665	12091	4,08246,22212	3,59173	12141	4,08425,44591	3,57694
12042	4,08069,86229	3,60635	12092	4,08249,81385	3,59144	12142	4,08429,02285	3,57665
12043	4,08073,46864	3,60604	12093	4,08253,40529	3,59114	12143	4,08432,59950	3,57636
12044	4,08077,07468	3,60575	12094	4,08256,99643	3,59084	12144	4,08436,17586	3,57605
12045	4,08080,68043	3,60545	12095	4,08260,58727	3,59055	12145	4,08439,75191	3,57577
12046	4,08084,28588	3,60515	12096	4,08264,17782	3,59024	12146	4,08443,32768	3,57547
12047	4,08087,89103	3,60486	12097	4,08267,76806	3,58996	12147	4,08446,90315	3,57517
12048	4,08091,49589	3,60455	12098	4,08271,35802	3,58965	12148	4,08450,47832	3,57489
12049	4,08095,10044	3,60425	12099	4,08274,94767	3,58936	12149	4,08454,05321	3,57458
12050	4,08098,70469	3,60396	12100	4,08278,53703	3,58906	12150	4,08457,62779	3,57430
								12151

Chilias 13.

Chilias 13.

Chilias 13.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12151	4,08461,20209	3:57400	12201	4,08639,54271	3:55936	12251	4,08817,15399	3:54482
12152	4,08464,77609	3:57370	12202	4,08643,10207	3:55906	12252	4,08820,69881	3:54454
12153	4,08468,34979	3:57341	12203	4,08646,66113	3:55877	12253	4,08824,24335	3:54425
12154	4,08471,92320	3:57312	12204	4,08650,21990	3:55848	12254	4,08827,78760	3:54396
12155	4,08475,49632	3:57282	12205	4,08653,77838	3:55818	12255	4,08831,33156	3:54367
12156	4,08479,06914	3:57253	12206	4,08657,33656	3:55790	12256	4,08834,87523	3:54338
12157	4,08482,64167	3:57223	12207	4,08660,89446	3:55760	12257	4,08838,41861	3:54309
12158	4,08486,21390	3:57195	12208	4,08664,45206	3:55731	12258	4,08841,96170	3:54280
12159	4,08489,78585	3:57164	12209	4,08668,00937	3:55702	12259	4,08845,50450	3:54252
12160	4,08493,35749	3:57136	12210	4,08671,56639	3:55673	12260	4,08849,04702	3:54222
12161	4,08496,92885	3:57106	12211	4,08675,12312	3:55644	12261	4,08852,58924	3:54194
12162	4,08500,49991	3:57076	12212	4,08678,67956	3:55615	12262	4,08856,13118	3:54165
12163	4,08504,07067	3:57048	12213	4,08682,23571	3:55586	12263	4,08859,67283	3:54135
12164	4,08507,64115	3:57018	12214	4,08685,79157	3:55556	12264	4,08863,21418	3:54107
12165	4,08511,21133	3:56988	12215	4,08689,34713	3:55527	12265	4,08866,75525	3:54079
12166	4,08514,78121	3:56960	12216	4,08692,90240	3:55499	12266	4,08870,29604	3:54049
12167	4,08518,35081	3:56929	12217	4,08696,45739	3:55469	12267	4,08873,83653	3:54020
12168	4,08521,92010	3:56901	12218	4,08700,01208	3:55440	12268	4,08877,37673	3:53992
12169	4,08525,48911	3:56871	12219	4,08703,56648	3:55411	12269	4,08880,91665	3:53962
12170	4,08529,05782	3:56842	12220	4,08707,12059	3:55382	12270	4,08884,45627	3:53934
12171	4,08532,62624	3:56813	12221	4,08710,67441	3:55353	12271	4,08887,99561	3:53905
12172	4,08536,19437	3:56783	12222	4,08714,22794	3:55324	12272	4,08891,53466	3:53876
12173	4,08539,76220	3:56754	12223	4,08717,78118	3:55294	12273	4,08895,07342	3:53847
12174	4,08543,32974	3:56725	12224	4,08721,33412	3:55266	12274	4,08898,61189	3:53819
12175	4,08546,89699	3:56695	12225	4,08724,88678	3:55237	12275	4,08902,15008	3:53790
12176	4,08550,46394	3:56666	12226	4,08728,43915	3:55207	12276	4,08905,68798	3:53760
12177	4,08554,03060	3:56637	12227	4,08731,99122	3:55179	12277	4,08909,22558	3:53732
12178	4,08557,59697	3:56608	12228	4,08735,54301	3:55149	12278	4,08912,76290	3:53704
12179	4,08561,16305	3:56578	12229	4,08739,09450	3:55120	12279	4,08916,29994	3:53674
12180	4,08564,72883	3:56549	12230	4,08742,64570	3:55092	12280	4,08919,83668	3:53646
12181	4,08568,29432	3:56520	12231	4,08746,19662	3:55062	12281	4,08923,37314	3:53616
12182	4,08571,85952	3:56490	12232	4,08749,74724	3:55033	12282	4,08926,90930	3:53588
12183	4,08575,42442	3:56461	12233	4,08753,29757	3:55005	12283	4,08930,44518	3:53560
12184	4,08578,98903	3:56432	12234	4,08756,84762	3:54975	12284	4,08933,98078	3:53530
12185	4,08582,55335	3:56403	12235	4,08760,39737	3:54946	12285	4,08937,51608	3:53502
12186	4,08586,11738	3:56373	12236	4,08763,94683	3:54917	12286	4,08941,05110	3:53473
12187	4,08589,68111	3:56345	12237	4,08767,49600	3:54889	12287	4,08944,58583	3:53444
12188	4,08593,24456	3:56314	12238	4,08771,04489	3:54859	12288	4,08948,12027	3:53415
12189	4,08596,80770	3:56286	12239	4,08774,59348	3:54830	12289	4,08951,65442	3:53387
12190	4,08600,37056	3:56257	12240	4,08778,14178	3:54801	12290	4,08955,18829	3:53358
12191	4,08603,93313	3:56227	12241	4,08781,68979	3:54773	12291	4,08958,72187	3:53329
12192	4,08607,49540	3:56198	12242	4,08785,23752	3:54743	12292	4,08962,25516	3:53300
12193	4,08611,05738	3:56169	12243	4,08788,78495	3:54714	12293	4,08965,78816	3:53272
12194	4,08614,61907	3:56139	12244	4,08792,33209	3:54686	12294	4,08969,32088	3:53243
12195	4,08618,18046	3:56111	12245	4,08795,87895	3:54656	12295	4,08972,85331	3:53214
12196	4,08621,74157	3:56081	12246	4,08799,42551	3:54627	12296	4,08976,38545	3:53185
12197	4,08625,30238	3:56052	12247	4,08802,97178	3:54599	12297	4,08979,91730	3:53157
12198	4,08628,86290	3:56023	12248	4,08806,51777	3:54569	12298	4,08983,44887	3:53128
12199	4,08632,42313	3:55994	12249	4,08810,06346	3:54541	12299	4,08986,98015	3:53099
12200	4,08635,98307	3:55964	12250	4,08813,60887	3:54512	12300	4,08990,51114	3:53071

Chilias 13.

Chilias 13.

Chilias 13.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12301	4,08994,04185	3,53042	12351	4,09170,21217	3,51613	12401	4,09345,67075	3,50195
12302	4,08997,57227	3,53013	12352	4,09173,72830	3,51584	12402	4,09349,17270	3,50167
12303	4,09001,10240	3,52985	12353	4,09177,24414	3,51556	12403	4,09352,67437	3,50139
12304	4,09004,63225	3,52955	12354	4,09180,75970	3,51527	12404	4,09356,17576	3,50110
12305	4,09008,16180	3,52928	12355	4,09184,27497	3,51499	12405	4,09359,67686	3,50082
12306	4,09011,69108	3,52898	12356	4,09187,78996	3,51471	12406	4,09363,17768	3,50054
12307	4,09015,22006	3,52870	12357	4,09191,30467	3,51442	12407	4,09366,67822	3,50026
12308	4,09018,74876	3,52841	12358	4,09194,81909	3,51413	12408	4,09370,17848	3,49998
12309	4,09022,27717	3,52812	12359	4,09198,33322	3,51386	12409	4,09373,67846	3,49969
12310	4,09025,80529	3,52784	12360	4,09201,84708	3,51356	12410	4,09377,17815	3,49941
12311	4,09029,33313	3,52755	12361	4,09205,36064	3,51329	12411	4,09380,67756	3,49913
12312	4,09032,86068	3,52727	12362	4,09208,87393	3,51299	12412	4,09384,17669	3,49885
12313	4,09036,38795	3,52698	12363	4,09212,38692	3,51272	12413	4,09387,67554	3,49856
12314	4,09039,91493	3,52669	12364	4,09215,89964	3,51243	12414	4,09391,17410	3,49829
12315	4,09043,44162	3,52640	12365	4,09219,41207	3,51215	12415	4,09394,67239	3,49800
12316	4,09046,96802	3,52612	12366	4,09222,92422	3,51186	12416	4,09398,17039	3,49772
12317	4,09050,49414	3,52584	12367	4,09226,43608	3,51158	12417	4,09401,66811	3,49744
12318	4,09054,01998	3,52554	12368	4,09229,94766	3,51129	12418	4,09405,16555	3,49716
12319	4,09057,54552	3,52526	12369	4,09233,45895	3,51101	12419	4,09408,66271	3,49687
12320	4,09061,07078	3,52498	12370	4,09236,96996	3,51073	12420	4,09412,15958	3,49660
12321	4,09064,59576	3,52469	12371	4,09240,48069	3,51044	12421	4,09415,65618	3,49631
12322	4,09068,12045	3,52440	12372	4,09243,99113	3,51016	12422	4,09419,15249	3,49603
12323	4,09071,64485	3,52411	12373	4,09247,50129	3,50988	12423	4,09422,64852	3,49575
12324	4,09075,16896	3,52383	12374	4,09251,01117	3,50959	12424	4,09426,14427	3,49547
12325	4,09078,69279	3,52355	12375	4,09254,52076	3,50931	12425	4,09429,63974	3,49519
12326	4,09082,21634	3,52326	12376	4,09258,03007	3,50902	12426	4,09433,13493	3,49490
12327	4,09085,73960	3,52297	12377	4,09261,53909	3,50875	12427	4,09436,62983	3,49463
12328	4,09089,26257	3,52269	12378	4,09265,04784	3,50845	12428	4,09440,12446	3,49434
12329	4,09092,78526	3,52240	12379	4,09268,55629	3,50818	12429	4,09443,61880	3,49406
12330	4,09096,30766	3,52212	12380	4,09272,06447	3,50789	12430	4,09447,11286	3,49379
12331	4,09099,82978	3,52183	12381	4,09275,57236	3,50761	12431	4,09450,60665	3,49350
12332	4,09103,35161	3,52154	12382	4,09279,07997	3,50732	12432	4,09454,10015	3,49321
12333	4,09106,87315	3,52126	12383	4,09282,58729	3,50704	12433	4,09457,59336	3,49294
12334	4,09110,39441	3,52097	12384	4,09286,09433	3,50676	12434	4,09461,08630	3,49266
12335	4,09113,91538	3,52069	12385	4,09289,60109	3,50648	12435	4,09464,57896	3,49238
12336	4,09117,43607	3,52040	12386	4,09293,10757	3,50619	12436	4,09468,07134	3,49209
12337	4,09120,95647	3,52012	12387	4,09296,61376	3,50591	12437	4,09471,56343	3,49182
12338	4,09124,47659	3,51983	12388	4,09300,11967	3,50562	12438	4,09475,05525	3,49153
12339	4,09127,99642	3,51955	12389	4,09303,62529	3,50535	12439	4,09478,54678	3,49126
12340	4,09131,51597	3,51926	12390	4,09307,13064	3,50506	12440	4,09482,03804	3,49097
12341	4,09135,03523	3,51898	12391	4,09310,63570	3,50478	12441	4,09485,52901	3,49069
12342	4,09138,55421	3,51869	12392	4,09314,14048	3,50449	12442	4,09489,01970	3,49041
12343	4,09142,07290	3,51841	12393	4,09317,64497	3,50421	12443	4,09492,51011	3,49013
12344	4,09145,59131	3,51812	12394	4,09321,14918	3,50393	12444	4,09496,00024	3,48985
12345	4,09149,10943	3,51783	12395	4,09324,65311	3,50365	12445	4,09499,49009	3,48957
12346	4,09152,62726	3,51755	12396	4,09328,15676	3,50336	12446	4,09502,97966	3,48929
12347	4,09156,14481	3,51727	12397	4,09331,66012	3,50308	12447	4,09506,46895	3,48901
12348	4,09159,66208	3,51698	12398	4,09335,16320	3,50280	12448	4,09509,95796	3,48873
12349	4,09163,17906	3,51670	12399	4,09338,66600	3,50252	12449	4,09513,44669	3,48845
12350	4,09166,69576	3,51641	12400	4,09342,16852	3,50223	12450	4,09516,93514	3,48817
								12451

Chilias 13.

Chilias 13.

Chilias 13.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12451	4,09520,42331	3,48789	12501	4,09694,47552	3,47394	12551	4,09867,83296	3,46010
12452	4,09523,91120	3,48761	12502	4,09697,94946	3,47366	12552	4,09871,29306	3,45982
12453	4,09527,39881	3,48733	12503	4,09701,42312	3,47338	12553	4,09874,75288	3,45955
12454	4,09530,88614	3,48705	12504	4,09704,89650	3,47311	12554	4,09878,21243	3,45927
12455	4,09534,37319	3,48677	12505	4,09708,36961	3,47282	12555	4,09881,67170	3,45900
12456	4,09537,85996	3,48648	12506	4,09711,84243	3,47255	12556	4,09885,13070	3,45873
12457	4,09541,34644	3,48621	12507	4,09715,31498	3,47228	12557	4,09888,58943	3,45844
12458	4,09544,83265	3,48593	12508	4,09718,78726	3,47199	12558	4,09892,04787	3,45817
12459	4,09548,31858	3,48565	12509	4,09722,25925	3,47172	12559	4,09895,50604	3,45790
12460	4,09551,80423	3,48537	12510	4,09725,73097	3,47144	12560	4,09898,96394	3,45762
12461	4,09555,28960	3,48509	12511	4,09729,20241	3,47116	12561	4,09902,42156	3,45735
12462	4,09558,77469	3,48481	12512	4,09732,67357	3,47089	12562	4,09905,87891	3,45707
12463	4,09562,25950	3,48453	12513	4,09736,14446	3,47060	12563	4,09909,33598	3,45679
12464	4,09565,74403	3,48425	12514	4,09739,61506	3,47033	12564	4,09912,79277	3,45652
12465	4,09569,22828	3,48398	12515	4,09743,08539	3,47006	12565	4,09916,24929	3,45625
12466	4,09572,71226	3,48369	12516	4,09746,55545	3,46977	12566	4,09919,70554	3,45597
12467	4,09576,19595	3,48341	12517	4,09750,02522	3,46950	12567	4,09923,16151	3,45569
12468	4,09579,67936	3,48313	12518	4,09753,49472	3,46922	12568	4,09926,61720	3,45542
12469	4,09583,16249	3,48286	12519	4,09756,96394	3,46895	12569	4,09930,07262	3,45515
12470	4,09586,64535	3,48257	12520	4,09760,43289	3,46866	12570	4,09933,52777	3,45487
12471	4,09590,12792	3,48230	12521	4,09763,90155	3,46839	12571	4,09936,98264	3,45459
12472	4,09593,61022	3,48201	12522	4,09767,36994	3,46812	12572	4,09940,43723	3,45433
12473	4,09597,09223	3,48174	12523	4,09770,83806	3,46783	12573	4,09943,89156	3,45404
12474	4,09600,57397	3,48146	12524	4,09774,30589	3,46756	12574	4,09947,34560	3,45377
12475	4,09604,05543	3,48118	12525	4,09777,77345	3,46729	12575	4,09950,79937	3,45350
12476	4,09607,53661	3,48090	12526	4,09781,24074	3,46700	12576	4,09954,25287	3,45322
12477	4,09611,01751	3,48062	12527	4,09784,70774	3,46673	12577	4,09957,70609	3,45295
12478	4,09614,49813	3,48034	12528	4,09788,17447	3,46645	12578	4,09961,15904	3,45267
12479	4,09617,97847	3,48006	12529	4,09791,64092	3,46618	12579	4,09964,61171	3,45240
12480	4,09621,45853	3,47979	12530	4,09795,10710	3,46590	12580	4,09968,06411	3,45213
12481	4,09624,93832	3,47950	12531	4,09798,57300	3,46562	12581	4,09971,51624	3,45184
12482	4,09628,41782	3,47923	12532	4,09802,03862	3,46535	12582	4,09974,96808	3,45158
12483	4,09631,89705	3,47895	12533	4,09805,50397	3,46507	12583	4,09978,41966	3,45130
12484	4,09635,37600	3,47867	12534	4,09808,96904	3,46479	12584	4,09981,87096	3,45103
12485	4,09638,85467	3,47839	12535	4,09812,43383	3,46452	12585	4,09985,32199	3,45075
12486	4,09642,33306	3,47811	12536	4,09815,89835	3,46424	12586	4,09988,77274	3,45048
12487	4,09645,81117	3,47784	12537	4,09819,36259	3,46396	12587	4,09992,22322	3,45020
12488	4,09649,28901	3,47755	12538	4,09822,82655	3,46369	12588	4,09995,67342	3,44993
12489	4,09652,76656	3,47728	12539	4,09826,29024	3,46341	12589	4,09999,12335	3,44966
12490	4,09656,24384	3,47700	12540	4,09829,75365	3,46313	12590	4,10002,57301	3,44938
12491	4,09659,72084	3,47672	12541	4,09833,21678	3,46286	12591	4,10006,02239	3,44911
12492	4,09663,19756	3,47644	12542	4,09836,67964	3,46259	12592	4,10009,47150	3,44884
12493	4,09666,67400	3,47616	12543	4,09840,14223	3,46230	12593	4,10012,92034	3,44856
12494	4,09670,15016	3,47589	12544	4,09843,60453	3,46204	12594	4,10016,36890	3,44828
12495	4,09673,62605	3,47560	12545	4,09847,06657	3,46175	12595	4,10019,81718	3,44802
12496	4,09677,10165	3,47533	12546	4,09850,52832	3,46148	12596	4,10023,26520	3,44774
12497	4,09680,57698	3,47505	12547	4,09853,98980	3,46120	12597	4,10026,71294	3,44746
12498	4,09684,05203	3,47478	12548	4,09857,45100	3,46093	12598	4,10030,16040	3,44719
12499	4,09687,52681	3,47449	12549	4,09860,91193	3,46065	12599	4,10033,60759	3,44692
12500	4,09691,00130	3,47422	12550	4,09864,37258	3,46038	12600	4,10037,05451	3,44665
								12601

Chilias 13.

Chilias 13.

Chilias 13.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12601	4,10040,50116		12651	4,10212,48557		12701	4,10383,79160	
12602	4,10043,94753	3,44637	12652	4,10215,91832	3,43275	12702	4,10387,21084	3,41924
12603	4,10047,39363	3,44610	12653	4,10219,35080	3,43248	12703	4,10390,62981	3,41897
12604	4,10050,83945	3,44582	12654	4,10222,78301	3,43221	12704	4,10394,04851	3,41870
12605	4,10054,28500	3,44555	12655	4,10226,21495	3,43194	12705	4,10397,46694	3,41843
12606	4,10057,73028	3,44528	12656	4,10229,64662	3,43167	12706	4,10400,88510	3,41816
12607	4,10061,17528	3,44500	12657	4,10233,07801	3,43139	12707	4,10404,30299	3,41789
12608	4,10064,62001	3,44473	12658	4,10236,50913	3,43112	12708	4,10407,72062	3,41763
12609	4,10068,06447	3,44446	12659	4,10239,93999	3,43086	12709	4,10411,13797	3,41735
12610	4,10071,50866	3,44419	12660	4,10243,37057	3,43058	12710	4,10414,55506	3,41709
12611	4,10074,95257	3,44391	12661	4,10246,80088	3,43031	12711	4,10417,97187	3,41681
12612	4,10078,39621	3,44364	12662	4,10250,23092	3,43004	12712	4,10421,38842	3,41655
12613	4,10081,83957	3,44336	12663	4,10253,66069	3,42977	12713	4,10424,80470	3,41628
12614	4,10085,28267	3,44310	12664	4,10257,09019	3,42950	12714	4,10428,22071	3,41601
12615	4,10088,72549	3,44282	12665	4,10260,51941	3,42922	12715	4,10431,63645	3,41574
12616	4,10092,16803	3,44254	12666	4,10263,94837	3,42896	12716	4,10435,05192	3,41547
12617	4,10095,61031	3,44228	12667	4,10267,37705	3,42868	12717	4,10438,46713	3,41521
12618	4,10099,05231	3,44200	12668	4,10270,80547	3,42842	12718	4,10441,88206	3,41493
12619	4,10102,49404	3,44173	12669	4,10274,23361	3,42814	12719	4,10445,29673	3,41467
12620	4,10105,93549	3,44145	12670	4,10277,66149	3,42788	12720	4,10448,71113	3,41440
12621	4,10109,37667	3,44118	12671	4,10281,08909	3,42760	12721	4,10452,12526	3,41413
12622	4,10112,81758	3,44091	12672	4,10284,51642	3,42733	12722	4,10455,53912	3,41386
12623	4,10116,25822	3,44064	12673	4,10287,94349	3,42707	12723	4,10458,95272	3,41360
12624	4,10119,69859	3,44037	12674	4,10291,37028	3,42679	12724	4,10462,36604	3,41332
12625	4,10123,13868	3,44009	12675	4,10294,79680	3,42652	12725	4,10465,77910	3,41306
12626	4,10126,57850	3,43982	12676	4,10298,22305	3,42625	12726	4,10469,19189	3,41279
12627	4,10130,01805	3,43955	12677	4,10301,64903	3,42598	12727	4,10472,60441	3,41252
12628	4,10133,45732	3,43927	12678	4,10305,07474	3,42571	12728	4,10476,01666	3,41225
12629	4,10136,89632	3,43900	12679	4,10308,50018	3,42544	12729	4,10479,42865	3,41199
12630	4,10140,33506	3,43874	12680	4,10311,92535	3,42517	12730	4,10482,84037	3,41172
12631	4,10143,77351	3,43845	12681	4,10315,35025	3,42490	12731	4,10486,25181	3,41144
12632	4,10147,21170	3,43819	12682	4,10318,77489	3,42464	12732	4,10489,66299	3,41118
12633	4,10150,64961	3,43791	12683	4,10322,19925	3,42436	12733	4,10493,07391	3,41092
12634	4,10154,08726	3,43765	12684	4,10325,62334	3,42409	12734	4,10496,48455	3,41064
12635	4,10157,52463	3,43737	12685	4,10329,04716	3,42382	12735	4,10499,89493	3,41038
12636	4,10160,96172	3,43709	12686	4,10332,47071	3,42355	12736	4,10503,30504	3,41011
12637	4,10164,39855	3,43683	12687	4,10335,89399	3,42328	12737	4,10506,71488	3,40984
12638	4,10167,83510	3,43655	12688	4,10339,31700	3,42301	12738	4,10510,12445	3,40957
12639	4,10171,27138	3,43628	12689	4,10342,73974	3,42274	12739	4,10513,53376	3,40931
12640	4,10174,70739	3,43601	12690	4,10346,16221	3,42247	12740	4,10516,94280	3,40904
12641	4,10178,14313	3,43574	12691	4,10349,58441	3,42220	12741	4,10520,35157	3,40877
12642	4,10181,57860	3,43547	12692	4,10353,00634	3,42193	12742	4,10523,76007	3,40850
12643	4,10185,01379	3,43519	12693	4,10356,42801	3,42167	12743	4,10527,16831	3,40824
12644	4,10188,44872	3,43493	12694	4,10359,84940	3,42139	12744	4,10530,57628	3,40797
12645	4,10191,88337	3,43465	12695	4,10363,27052	3,42112	12745	4,10533,98398	3,40770
12646	4,10195,31775	3,43438	12696	4,10366,69137	3,42085	12746	4,10537,39141	3,40743
12647	4,10198,75186	3,43411	12697	4,10370,11196	3,42059	12747	4,10540,79858	3,40717
12648	4,10202,18569	3,43383	12698	4,10373,53227	3,42031	12748	4,10544,20548	3,40690
12649	4,10205,61926	3,43357	12699	4,10376,95232	3,42005	12749	4,10547,61211	3,40663
12650	4,10209,05255	3,43329	12700	4,10380,37210	3,41978	12750	4,10551,01848	3,40637
		3,43302			3,41950			3,40609

12751

Chilias 13.

Chilias 13.

Chilias 13.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12751	4,10554,42457	3,40584	12801	4,10724,38976	3,39253	12851	4,10893,69236	3,37933
12752	4,10557,83041	3,40556	12802	4,10727,78229	3,39226	12852	4,10897,07169	3,37906
12753	4,10561,23597	3,40530	12803	4,10731,17455	3,39200	12853	4,10900,45075	3,37881
12754	4,10564,64127	3,40502	12804	4,10734,56655	3,39173	12854	4,10903,82956	3,37854
12755	4,10568,04629	3,40477	12805	4,10737,95828	3,39147	12855	4,10907,20810	3,37828
12756	4,10571,45106	3,40449	12806	4,10741,34975	3,39120	12856	4,10910,58638	3,37801
12757	4,10574,85555	3,40423	12807	4,10744,74095	3,39094	12857	4,10913,96439	3,37775
12758	4,10578,25978	3,40396	12808	4,10748,13189	3,39068	12858	4,10917,34214	3,37749
12759	4,10581,66374	3,40370	12809	4,10751,52257	3,39040	12859	4,10920,71963	3,37723
12760	4,10585,06744	3,40343	12810	4,10754,91297	3,39015	12860	4,10924,09686	3,37696
12761	4,10588,47087	3,40316	12811	4,10758,30312	3,38988	12861	4,10927,47382	3,37670
12762	4,10591,87403	3,40289	12812	4,10761,69300	3,38961	12862	4,10930,85052	3,37644
12763	4,10595,27692	3,40263	12813	4,10765,08261	3,38936	12863	4,10934,22696	3,37618
12764	4,10598,67955	3,40236	12814	4,10768,47197	3,38908	12864	4,10937,60314	3,37591
12765	4,10602,08191	3,40210	12815	4,10771,86105	3,38882	12865	4,10940,97905	3,37566
12766	4,10605,48401	3,40183	12816	4,10775,24987	3,38856	12866	4,10944,35471	3,37539
12767	4,10608,88584	3,40156	12817	4,10778,63843	3,38829	12867	4,10947,73010	3,37512
12768	4,10612,28740	3,40130	12818	4,10782,02672	3,38803	12868	4,10951,10522	3,37487
12769	4,10615,68870	3,40103	12819	4,10785,41475	3,38777	12869	4,10954,48009	3,37460
12770	4,10619,08973	3,40076	12820	4,10788,80252	3,38750	12870	4,10957,85469	3,37434
12771	4,10622,49049	3,40050	12821	4,10792,19002	3,38723	12871	4,10961,22903	3,37408
12772	4,10625,89099	3,40023	12822	4,10795,57725	3,38698	12872	4,10964,60311	3,37382
12773	4,10629,29122	3,39996	12823	4,10798,96423	3,38670	12873	4,10967,97693	3,37355
12774	4,10632,69118	3,39970	12824	4,10802,35093	3,38645	12874	4,10971,35048	3,37329
12775	4,10636,09088	3,39943	12825	4,10805,73738	3,38618	12875	4,10974,72377	3,37303
12776	4,10639,49031	3,39917	12826	4,10809,12356	3,38591	12876	4,10978,09680	3,37277
12777	4,10642,88948	3,39890	12827	4,10812,50947	3,38566	12877	4,10981,46957	3,37251
12778	4,10646,28838	3,39863	12828	4,10815,89513	3,38538	12878	4,10984,84208	3,37224
12779	4,10649,68701	3,39837	12829	4,10819,28051	3,38513	12879	4,10988,21432	3,37198
12780	4,10653,08538	3,39810	12830	4,10822,66564	3,38486	12880	4,10991,58630	3,37172
12781	4,10656,48348	3,39784	12831	4,10826,05050	3,38459	12881	4,10994,95802	3,37146
12782	4,10659,88132	3,39757	12832	4,10829,43509	3,38434	12882	4,10998,32948	3,37120
12783	4,10663,27889	3,39731	12833	4,10832,81943	3,38407	12883	4,11001,70068	3,37093
12784	4,10666,67620	3,39704	12834	4,10836,20350	3,38380	12884	4,11005,07161	3,37068
12785	4,10670,07324	3,39677	12835	4,10839,58730	3,38354	12885	4,11008,44229	3,37041
12786	4,10673,47001	3,39651	12836	4,10842,97084	3,38328	12886	4,11011,81270	3,37015
12787	4,10676,86652	3,39624	12837	4,10846,35412	3,38301	12887	4,11015,18285	3,36989
12788	4,10680,26276	3,39598	12838	4,10849,73713	3,38276	12888	4,11018,55274	3,36963
12789	4,10683,65874	3,39571	12839	4,10853,11989	3,38248	12889	4,11021,92237	3,36937
12790	4,10687,05445	3,39544	12840	4,10856,50237	3,38223	12890	4,11025,29174	3,36910
12791	4,10690,44989	3,39518	12841	4,10859,88460	3,38196	12891	4,11028,66084	3,36884
12792	4,10693,84507	3,39492	12842	4,10863,26656	3,38170	12892	4,11032,02968	3,36859
12793	4,10697,23999	3,39465	12843	4,10866,64826	3,38143	12893	4,11035,39827	3,36832
12794	4,10700,63464	3,39438	12844	4,10870,02969	3,38117	12894	4,11038,76659	3,36806
12795	4,10704,02902	3,39412	12845	4,10873,41086	3,38091	12895	4,11042,13465	3,36780
12796	4,10707,42314	3,39385	12846	4,10876,79177	3,38064	12896	4,11045,50245	3,36753
12797	4,10710,81699	3,39359	12847	4,10880,17241	3,38038	12897	4,11048,86998	3,36728
12798	4,10714,21058	3,39333	12848	4,10883,55279	3,38012	12898	4,11052,23726	3,36702
12799	4,10717,60391	3,39305	12849	4,10886,93291	3,37986	12899	4,11055,60428	3,36675
12800	4,10720,99696	3,39280	12850	4,10890,31277	3,37959	12900	4,11058,97103	3,36649

Chilias 13.

Chilias 13.

Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
12901	4,11062,33752	3,36624	12951	4,11230,33034	3,35323	13001	4,11397,67583	3,34034
12902	4,11065,70376	3,36597	12952	4,11233,68357	3,35298	13002	4,11401,01617	3,34008
12903	4,11069,06973	3,36571	12953	4,11237,03655	3,35272	13003	4,11404,35625	3,33983
12904	4,11072,43544	3,36545	12954	4,11240,38927	3,35246	13004	4,11407,69608	3,33957
12905	4,11075,80089	3,36519	12955	4,11243,74173	3,35220	13005	4,11411,03565	3,33932
12906	4,11079,16608	3,36493	12956	4,11247,09393	3,35195	13006	4,11414,37497	3,33905
12907	4,11082,53101	3,36466	12957	4,11250,44588	3,35168	13007	4,11417,71402	3,33880
12908	4,11085,89567	3,36441	12958	4,11253,79756	3,35143	13008	4,11421,05282	3,33855
12909	4,11089,26008	3,36415	12959	4,11257,14899	3,35116	13009	4,11424,39137	3,33829
12910	4,11092,62423	3,36388	12960	4,11260,50015	3,35091	13010	4,11427,72966	3,33803
12911	4,11095,98811	3,36363	12961	4,11263,85106	3,35065	13011	4,11431,06769	3,33777
12912	4,11099,35174	3,36336	12962	4,11267,20171	3,35039	13012	4,11434,40546	3,33752
12913	4,11102,71510	3,36311	12963	4,11270,55210	3,35014	13013	4,11437,74298	3,33726
12914	4,11106,07821	3,36284	12964	4,11273,90224	3,34987	13014	4,11441,08024	3,33700
12915	4,11109,44105	3,36258	12965	4,11277,25211	3,34962	13015	4,11444,41724	3,33675
12916	4,11112,80363	3,36233	12966	4,11280,60173	3,34935	13016	4,11447,75399	3,33649
12917	4,11116,16596	3,36206	12967	4,11283,95108	3,34910	13017	4,11451,09048	3,33624
12918	4,11119,52802	3,36180	12968	4,11287,30018	3,34885	13018	4,11454,42672	3,33598
12919	4,11122,88982	3,36155	12969	4,11290,64903	3,34858	13019	4,11457,76270	3,33572
12920	4,11126,25137	3,36128	12970	4,11293,99761	3,34832	13020	4,11461,09842	3,33547
12921	4,11129,61265	3,36102	12971	4,11297,34593	3,34807	13021	4,11464,43389	3,33521
12922	4,11132,97367	3,36076	12972	4,11300,69400	3,34781	13022	4,11467,76910	3,33496
12923	4,11136,33443	3,36050	12973	4,11304,04181	3,34755	13023	4,11471,10406	3,33469
12924	4,11139,69493	3,36025	12974	4,11307,38936	3,34729	13024	4,11474,43875	3,33445
12925	4,11143,05518	3,35998	12975	4,11310,73665	3,34704	13025	4,11477,77320	3,33418
12926	4,11146,41516	3,35972	12976	4,11314,08369	3,34677	13026	4,11481,10738	3,33393
12927	4,11149,77488	3,35946	12977	4,11317,43046	3,34652	13027	4,11484,44131	3,33368
12928	4,11153,13434	3,35921	12978	4,11320,77698	3,34626	13028	4,11487,77499	3,33342
12929	4,11156,49355	3,35894	12979	4,11324,12324	3,34601	13029	4,11491,10841	3,33316
12930	4,11159,85249	3,35868	12980	4,11327,46925	3,34574	13030	4,11494,44157	3,33291
12931	4,11163,21117	3,35842	12981	4,11330,81499	3,34549	13031	4,11497,77448	3,33265
12932	4,11166,56959	3,35817	12982	4,11334,16048	3,34523	13032	4,11501,10713	3,33240
12933	4,11169,92776	3,35790	12983	4,11337,50571	3,34497	13033	4,11504,43953	3,33214
12934	4,11173,28566	3,35765	12984	4,11340,85068	3,34472	13034	4,11507,77167	3,33188
12935	4,11176,64331	3,35738	12985	4,11344,19540	3,34445	13035	4,11511,10355	3,33163
12936	4,11180,00069	3,35712	12986	4,11347,53985	3,34420	13036	4,11514,43518	3,33137
12937	4,11183,35781	3,35687	12987	4,11350,88405	3,34395	13037	4,11517,76655	3,33112
12938	4,11186,71468	3,35661	12988	4,11354,22800	3,34368	13038	4,11521,09767	3,33086
12939	4,11190,07129	3,35634	12989	4,11357,57168	3,34343	13039	4,11524,42853	3,33061
12940	4,11193,42763	3,35609	12990	4,11360,91511	3,34317	13040	4,11527,75914	3,33035
12941	4,11196,78372	3,35583	12991	4,11364,25828	3,34291	13041	4,11531,08949	3,33010
12942	4,11200,13955	3,35557	12992	4,11367,60119	3,34265	13042	4,11534,41959	3,32984
12943	4,11203,49512	3,35531	12993	4,11370,94384	3,34240	13043	4,11537,74943	3,32958
12944	4,11206,85043	3,35505	12994	4,11374,28624	3,34214	13044	4,11541,07901	3,32933
12945	4,11210,20548	3,35479	12995	4,11377,62838	3,34189	13045	4,11544,40834	3,32908
12946	4,11213,56027	3,35453	12996	4,11380,97027	3,34162	13046	4,11547,73742	3,32882
12947	4,11216,91480	3,35427	12997	4,11384,31189	3,34137	13047	4,11551,06624	3,32856
12948	4,11220,26907	3,35402	12998	4,11387,65326	3,34112	13048	4,11554,39480	3,32831
12949	4,11223,62309	3,35375	12999	4,11390,99438	3,34085	13049	4,11557,72311	3,32806
12950	4,11226,97684	3,35350	13000	4,11394,33523	3,34060	13050	4,11561,05117	3,32780
								13051

Chilias 14.

Chilias 14.

Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13051	4,11564,37897	3,32754	13101	4,11730,44466	3,31485	13151	4,11895,87778	3,30224
13052	4,11567,70651	3,32729	13102	4,11733,75951	3,31459	13152	4,11899,18002	3,30199
13053	4,11571,03380	3,32704	13103	4,11737,07410	3,31434	13153	4,11902,48201	3,30174
13054	4,11574,36084	3,32678	13104	4,11740,38844	3,31409	13154	4,11905,78375	3,30149
13055	4,11577,68762	3,32652	13105	4,11743,70253	3,31383	13155	4,11909,08524	3,30124
13056	4,11581,01414	3,32627	13106	4,11747,01636	3,31358	13156	4,11912,38648	3,30099
13057	4,11584,34041	3,32602	13107	4,11750,32994	3,31333	13157	4,11915,68747	3,30074
13058	4,11587,66643	3,32576	13108	4,11753,64327	3,31308	13158	4,11918,98821	3,30048
13059	4,11590,99219	3,32550	13109	4,11756,95635	3,31282	13159	4,11922,28869	3,30024
13060	4,11594,31769	3,32526	13110	4,11760,26917	3,31257	13160	4,11925,58893	3,29998
13061	4,11597,64295	3,32499	13111	4,11763,58174	3,31232	13161	4,11928,88891	3,29974
13062	4,11600,96794	3,32474	13112	4,11766,89406	3,31206	13162	4,11932,18865	3,29948
13063	4,11604,29268	3,32449	13113	4,11770,20612	3,31181	13163	4,11935,48813	3,29923
13064	4,11607,61717	3,32424	13114	4,11773,51793	3,31156	13164	4,11938,78736	3,29898
13065	4,11610,94141	3,32398	13115	4,11776,82949	3,31131	13165	4,11942,08634	3,29874
13066	4,11614,26539	3,32372	13116	4,11780,14080	3,31105	13166	4,11945,38508	3,29848
13067	4,11617,58911	3,32347	13117	4,11783,45185	3,31081	13167	4,11948,68356	3,29823
13068	4,11620,91258	3,32322	13118	4,11786,76266	3,31055	13168	4,11951,98179	3,29798
13069	4,11624,23580	3,32296	13119	4,11790,07321	3,31029	13169	4,11955,27977	3,29773
13070	4,11627,55876	3,32271	13120	4,11793,38350	3,31005	13170	4,11958,57750	3,29748
13071	4,11630,88147	3,32245	13121	4,11796,69355	3,30979	13171	4,11961,87498	3,29722
13072	4,11634,20392	3,32220	13122	4,11800,00334	3,30954	13172	4,11965,17220	3,29698
13073	4,11637,52612	3,32194	13123	4,11803,31288	3,30929	13173	4,11968,46918	3,29673
13074	4,11640,84806	3,32169	13124	4,11806,62217	3,30904	13174	4,11971,76591	3,29648
13075	4,11644,16975	3,32144	13125	4,11809,93121	3,30878	13175	4,11975,06239	3,29623
13076	4,11647,49119	3,32118	13126	4,11813,23999	3,30853	13176	4,11978,35862	3,29597
13077	4,11650,81237	3,32093	13127	4,11816,54852	3,30828	13177	4,11981,65459	3,29573
13078	4,11654,13330	3,32068	13128	4,11819,85680	3,30803	13178	4,11984,95032	3,29548
13079	4,11657,45398	3,32042	13129	4,11823,16483	3,30778	13179	4,11988,24580	3,29523
13080	4,11660,77440	3,32017	13130	4,11826,47261	3,30752	13180	4,11991,54103	3,29497
13081	4,11664,09457	3,31991	13131	4,11829,78013	3,30728	13181	4,11994,83600	3,29473
13082	4,11667,41448	3,31966	13132	4,11833,08741	3,30702	13182	4,11998,13073	3,29448
13083	4,11670,73414	3,31941	13133	4,11836,39443	3,30677	13183	4,12001,42521	3,29423
13084	4,11674,05355	3,31915	13134	4,11839,70120	3,30651	13184	4,12004,71944	3,29397
13085	4,11677,37270	3,31890	13135	4,11843,00771	3,30627	13185	4,12008,01341	3,29373
13086	4,11680,69160	3,31864	13136	4,11846,31398	3,30601	13186	4,12011,30714	3,29348
13087	4,11684,01024	3,31839	13137	4,11849,61999	3,30576	13187	4,12014,60062	3,29323
13088	4,11687,32863	3,31814	13138	4,11852,92575	3,30551	13188	4,12017,89385	3,29298
13089	4,11690,64677	3,31789	13139	4,11856,23126	3,30526	13189	4,12021,18683	3,29272
13090	4,11693,96466	3,31763	13140	4,11859,53652	3,30501	13190	4,12024,47955	3,29248
13091	4,11697,28229	3,31737	13141	4,11862,84153	3,30476	13191	4,12027,77203	3,29223
13092	4,11700,59966	3,31713	13142	4,11866,14629	3,30450	13192	4,12031,06426	3,29198
13093	4,11703,91679	3,31687	13143	4,11869,45079	3,30425	13193	4,12034,35624	3,29173
13094	4,11707,23366	3,31662	13144	4,11872,75504	3,30400	13194	4,12037,64797	3,29149
13095	4,11710,55028	3,31636	13145	4,11876,05904	3,30375	13195	4,12040,93946	3,29123
13096	4,11713,86664	3,31611	13146	4,11879,36279	3,30350	13196	4,12044,23069	3,29098
13097	4,11717,18275	3,31586	13147	4,11882,66629	3,30325	13197	4,12047,52167	3,29073
13098	4,11720,49861	3,31560	13148	4,11885,96954	3,30300	13198	4,12050,81240	3,29049
13099	4,11723,81421	3,31536	13149	4,11889,27254	3,30274	13199	4,12054,10289	3,29023
13100	4,11727,12957	3,31509	13150	4,11892,57528	3,30250	13200	4,12057,39312	3,28999

Chilias 14.

Chilias 14.

Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13201	4,12060,68311	3,28973	13251	4,12224,86540	3,27732	13301	4,12388,42935	3,26500
13202	4,12063,97284	3,28949	13252	4,12228,14272	3,27708	13302	4,12391,69435	3,26476
13203	4,12067,26233	3,28924	13253	4,12231,41980	3,27683	13303	4,12394,95911	3,26451
13204	4,12070,55157	3,28898	13254	4,12234,69663	3,27658	13304	4,12398,22362	3,26427
13205	4,12073,84055	3,28874	13255	4,12237,97321	3,27633	13305	4,12401,48789	3,26402
13206	4,12077,12929	3,28849	13256	4,12241,24954	3,27609	13306	4,12404,75191	3,26378
13207	4,12080,41778	3,28825	13257	4,12244,52563	3,27584	13307	4,12408,01569	3,26353
13208	4,12083,70603	3,28799	13258	4,12247,80147	3,27559	13308	4,12411,27922	3,26329
13209	4,12086,99402	3,28774	13259	4,12251,07706	3,27535	13309	4,12414,54251	3,26304
13210	4,12090,28176	3,28750	13260	4,12254,35241	3,27510	13310	4,12417,80555	3,26279
13211	4,12093,56926	3,28724	13261	4,12257,62751	3,27485	13311	4,12421,06834	3,26255
13212	4,12096,85650	3,28700	13262	4,12260,90236	3,27460	13312	4,12424,33089	3,26231
13213	4,12100,14350	3,28675	13263	4,12264,17696	3,27436	13313	4,12427,59320	3,26206
13214	4,12103,43025	3,28650	13264	4,12267,45132	3,27411	13314	4,12430,85526	3,26182
13215	4,12106,71675	3,28625	13265	4,12270,72543	3,27387	13315	4,12434,11708	3,26157
13216	4,12110,00300	3,28600	13266	4,12273,99930	3,27361	13316	4,12437,37865	3,26132
13217	4,12113,28900	3,28575	13267	4,12277,27291	3,27337	13317	4,12440,63997	3,26109
13218	4,12116,57475	3,28551	13268	4,12280,54628	3,27313	13318	4,12443,90106	3,26083
13219	4,12119,86026	3,28525	13269	4,12283,81941	3,27288	13319	4,12447,16189	3,26059
13220	4,12123,14551	3,28501	13270	4,12287,09229	3,27263	13320	4,12450,42248	3,26035
13221	4,12126,43052	3,28476	13271	4,12290,36492	3,27238	13321	4,12453,68283	3,26010
13222	4,12129,71528	3,28451	13272	4,12293,63730	3,27214	13322	4,12456,94293	3,25986
13223	4,12132,99979	3,28427	13273	4,12296,90944	3,27189	13323	4,12460,20279	3,25961
13224	4,12136,28406	3,28401	13274	4,12300,18133	3,27165	13324	4,12463,46240	3,25937
13225	4,12139,56807	3,28377	13275	4,12303,45298	3,27139	13325	4,12466,72177	3,25912
13226	4,12142,85184	3,28351	13276	4,12306,72437	3,27116	13326	4,12469,98089	3,25888
13227	4,12146,13535	3,28327	13277	4,12309,99553	3,27090	13327	4,12473,23977	3,25864
13228	4,12149,41862	3,28303	13278	4,12313,26643	3,27066	13328	4,12476,49841	3,25839
13229	4,12152,70165	3,28277	13279	4,12316,53709	3,27041	13329	4,12479,75680	3,25814
13230	4,12155,98442	3,28252	13280	4,12319,80750	3,27017	13330	4,12483,01494	3,25790
13231	4,12159,26694	3,28228	13281	4,12323,07767	3,26992	13331	4,12486,27284	3,25766
13232	4,12162,54922	3,28203	13282	4,12326,34759	3,26967	13332	4,12489,53050	3,25741
13233	4,12165,83125	3,28178	13283	4,12329,61726	3,26943	13333	4,12492,78791	3,25717
13234	4,12169,11303	3,28153	13284	4,12332,88669	3,26918	13334	4,12496,04508	3,25692
13235	4,12172,39456	3,28129	13285	4,12336,15587	3,26894	13335	4,12499,30200	3,25668
13236	4,12175,67585	3,28104	13286	4,12339,42481	3,26869	13336	4,12502,55868	3,25644
13237	4,12178,95689	3,28079	13287	4,12342,69350	3,26844	13337	4,12505,81512	3,25619
13238	4,12182,23768	3,28054	13288	4,12345,96194	3,26820	13338	4,12509,07131	3,25595
13239	4,12185,51822	3,28029	13289	4,12349,23014	3,26795	13339	4,12512,32726	3,25570
13240	4,12188,79851	3,28005	13290	4,12352,49809	3,26771	13340	4,12515,58296	3,25546
13241	4,12192,07856	3,27979	13291	4,12355,76580	3,26746	13341	4,12518,83842	3,25521
13242	4,12195,35835	3,27956	13292	4,12359,03326	3,26722	13342	4,12522,09363	3,25497
13243	4,12198,63791	3,27930	13293	4,12362,30048	3,26696	13343	4,12525,34860	3,25473
13244	4,12201,91721	3,27905	13294	4,12365,56744	3,26673	13344	4,12528,60333	3,25448
13245	4,12205,19626	3,27881	13295	4,12368,83417	3,26647	13345	4,12531,85781	3,25424
13246	4,12208,47507	3,27856	13296	4,12372,10064	3,26624	13346	4,12535,11205	3,25400
13247	4,12211,75363	3,27831	13297	4,12375,36688	3,26598	13347	4,12538,36605	3,25375
13248	4,12215,03194	3,27807	13298	4,12378,63286	3,26574	13348	4,12541,61980	3,25351
13249	4,12218,31001	3,27782	13299	4,12381,89860	3,26550	13349	4,12544,87331	3,25326
13250	4,12221,58783	3,27757	13300	4,12385,16410	3,26525	13350	4,12548,12657	3,25302

13351

Chilias 14.

Chilias 14.

Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13351	4,12551,37959	3,25278	13401	4,12713,72072	3,24064	13451	4,12875,45727	3,22859
13352	4,12554,63237	3,25253	13402	4,12716,96136	3,24040	13452	4,12878,68586	3,22836
13353	4,12557,88490	3,25229	13403	4,12720,20176	3,24016	13453	4,12881,91422	3,22811
13354	4,12561,13719	3,25205	13404	4,12723,44192	3,23991	13454	4,12885,14233	3,22788
13355	4,12564,38924	3,25180	13405	4,12726,68183	3,23968	13455	4,12888,37021	3,22764
13356	4,12567,64104	3,25156	13406	4,12729,92151	3,23943	13456	4,12891,59785	3,22739
13357	4,12570,89260	3,25131	13407	4,12733,16094	3,23919	13457	4,12894,82524	3,22716
13358	4,12574,14391	3,25108	13408	4,12736,40013	3,23895	13458	4,12898,05240	3,22691
13359	4,12577,39499	3,25082	13409	4,12739,63908	3,23871	13459	4,12901,27931	3,22668
13360	4,12580,64581	3,25059	13410	4,12742,87779	3,23846	13460	4,12904,50599	3,22644
13361	4,12583,89640	3,25034	13411	4,12746,11625	3,23823	13461	4,12907,73243	3,22619
13362	4,12587,14674	3,25010	13412	4,12749,35448	3,23798	13462	4,12910,95862	3,22596
13363	4,12590,39684	3,24986	13413	4,12752,59246	3,23774	13463	4,12914,18458	3,22572
13364	4,12593,64670	3,24961	13414	4,12755,83020	3,23750	13464	4,12917,41030	3,22547
13365	4,12596,89631	3,24937	13415	4,12759,06770	3,23726	13465	4,12920,63577	3,22524
13366	4,12600,14568	3,24913	13416	4,12762,30496	3,23702	13466	4,12923,86101	3,22500
13367	4,12603,39481	3,24888	13417	4,12765,54198	3,23677	13467	4,12927,08601	3,22476
13368	4,12606,64369	3,24864	13418	4,12768,77875	3,23654	13468	4,12930,31077	3,22452
13369	4,12609,89233	3,24840	13419	4,12772,01529	3,23629	13469	4,12933,53529	3,22428
13370	4,12613,14073	3,24815	13420	4,12775,25158	3,23606	13470	4,12936,75957	3,22404
13371	4,12616,38888	3,24791	13421	4,12778,48764	3,23581	13471	4,12939,98361	3,22381
13372	4,12619,63679	3,24767	13422	4,12781,72345	3,23557	13472	4,12943,20742	3,22356
13373	4,12622,88446	3,24743	13423	4,12784,95902	3,23533	13473	4,12946,43098	3,22332
13374	4,12626,13189	3,24718	13424	4,12788,19435	3,23509	13474	4,12949,65430	3,22309
13375	4,12629,37907	3,24694	13425	4,12791,42944	3,23484	13475	4,12952,87739	3,22284
13376	4,12632,62601	3,24670	13426	4,12794,66428	3,23461	13476	4,12956,10023	3,22261
13377	4,12635,87271	3,24645	13427	4,12797,89889	3,23437	13477	4,12959,32284	3,22236
13378	4,12639,11916	3,24621	13428	4,12801,13326	3,23412	13478	4,12962,54520	3,22213
13379	4,12642,36537	3,24597	13429	4,12804,36738	3,23389	13479	4,12965,76733	3,22189
13380	4,12645,61134	3,24573	13430	4,12807,60127	3,23364	13480	4,12968,98922	3,22165
13381	4,12648,85707	3,24548	13431	4,12810,83491	3,23340	13481	4,12972,21087	3,22141
13382	4,12652,10255	3,24525	13432	4,12814,06831	3,23316	13482	4,12975,43228	3,22117
13383	4,12655,34780	3,24500	13433	4,12817,30147	3,23293	13483	4,12978,65345	3,22093
13384	4,12658,59280	3,24475	13434	4,12820,53440	3,23268	13484	4,12981,87438	3,22070
13385	4,12661,83755	3,24452	13435	4,12823,76708	3,23244	13485	4,12985,09508	3,22045
13386	4,12665,08207	3,24427	13436	4,12826,99952	3,23220	13486	4,12988,31553	3,22022
13387	4,12668,32634	3,24403	13437	4,12830,23172	3,23196	13487	4,12991,53575	3,21998
13388	4,12671,57037	3,24379	13438	4,12833,46368	3,23171	13488	4,12994,75573	3,21974
13389	4,12674,81416	3,24354	13439	4,12836,69539	3,23148	13489	4,12997,97547	3,21950
13390	4,12678,05770	3,24330	13440	4,12839,92687	3,23124	13490	4,13001,19497	3,21926
13391	4,12681,30100	3,24306	13441	4,12843,15811	3,23100	13491	4,13004,41423	3,21902
13392	4,12684,54406	3,24282	13442	4,12846,38911	3,23075	13492	4,13007,63325	3,21879
13393	4,12687,78688	3,24258	13443	4,12849,61986	3,23052	13493	4,13010,85204	3,21854
13394	4,12691,02946	3,24233	13444	4,12852,85038	3,23028	13494	4,13014,07058	3,21831
13395	4,12694,27179	3,24210	13445	4,12856,08066	3,23003	13495	4,13017,28889	3,21807
13396	4,12697,51389	3,24185	13446	4,12859,31069	3,22980	13496	4,13020,50696	3,21783
13397	4,12700,75574	3,24161	13447	4,12862,54049	3,22955	13497	4,13023,72479	3,21759
13398	4,12703,99735	3,24136	13448	4,12865,77004	3,22932	13498	4,13026,94238	3,21735
13399	4,12707,23871	3,24113	13449	4,12868,99936	3,22907	13499	4,13030,15973	3,21712
13400	4,12710,47984	3,24088	13450	4,12872,22843	3,22884	13500	4,13033,37685	3,21688

Chilias 14.

Chilias 14.

Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13501	4,13036,59373	3,21664	13551	4,13197,13453	3,20477	13601	4,13357,08406	3,19299
13502	4,13039,81037	3,21640	13552	4,13200,33930	3,20453	13602	4,13360,27705	3,19276
13503	4,13043,02677	3,21616	13553	4,13203,54383	3,20430	13603	4,13363,46981	3,19252
13504	4,13046,24293	3,21592	13554	4,13206,74813	3,20406	13604	4,13366,66233	3,19228
13505	4,13049,45885	3,21569	13555	4,13209,95219	3,20383	13605	4,13369,85461	3,19205
13506	4,13052,67454	3,21545	13556	4,13213,15602	3,20359	13606	4,13373,04666	3,19182
13507	4,13055,88999	3,21521	13557	4,13216,35961	3,20335	13607	4,13376,23848	3,19158
13508	4,13059,10520	3,21497	13558	4,13219,56296	3,20311	13608	4,13379,43006	3,19135
13509	4,13062,32017	3,21473	13559	4,13222,76607	3,20288	13609	4,13382,62141	3,19111
13510	4,13065,53490	3,21450	13560	4,13225,96895	3,20265	13610	4,13385,81252	3,19088
13511	4,13068,74940	3,21426	13561	4,13229,17160	3,20240	13611	4,13389,00340	3,19064
13512	4,13071,96366	3,21402	13562	4,13232,37400	3,20218	13612	4,13392,19404	3,19041
13513	4,13075,17768	3,21378	13563	4,13235,57618	3,20193	13613	4,13395,38445	3,19018
13514	4,13078,39146	3,21354	13564	4,13238,77811	3,20170	13614	4,13398,57463	3,18994
13515	4,13081,60500	3,21331	13565	4,13241,97981	3,20146	13615	4,13401,76457	3,18970
13516	4,13084,81831	3,21307	13566	4,13245,18127	3,20123	13616	4,13404,95427	3,18948
13517	4,13088,03138	3,21283	13567	4,13248,38250	3,20099	13617	4,13408,14375	3,18923
13518	4,13091,24421	3,21259	13568	4,13251,58349	3,20076	13618	4,13411,33298	3,18901
13519	4,13094,45680	3,21236	13569	4,13254,78425	3,20052	13619	4,13414,52199	3,18877
13520	4,13097,66916	3,21212	13570	4,13257,98477	3,20028	13620	4,13417,71076	3,18853
13521	4,13100,88128	3,21188	13571	4,13261,18505	3,20005	13621	4,13420,89929	3,18830
13522	4,13104,09316	3,21164	13572	4,13264,38510	3,19981	13622	4,13424,08759	3,18807
13523	4,13107,30480	3,21141	13573	4,13267,58491	3,19958	13623	4,13427,27566	3,18784
13524	4,13110,51621	3,21117	13574	4,13270,78449	3,19934	13624	4,13430,46350	3,18759
13525	4,13113,72738	3,21093	13575	4,13273,98383	3,19910	13625	4,13433,65109	3,18737
13526	4,13116,93831	3,21069	13576	4,13277,18293	3,19887	13626	4,13436,83846	3,18713
13527	4,13120,14900	3,21046	13577	4,13280,38180	3,19863	13627	4,13440,02559	3,18690
13528	4,13123,35946	3,21022	13578	4,13283,58043	3,19840	13628	4,13443,21249	3,18666
13529	4,13126,56968	3,20998	13579	4,13286,77883	3,19816	13629	4,13446,39915	3,18643
13530	4,13129,77966	3,20974	13580	4,13289,97699	3,19793	13630	4,13449,58558	3,18620
13531	4,13132,98940	3,20951	13581	4,13293,17492	3,19769	13631	4,13452,77178	3,18596
13532	4,13136,19891	3,20927	13582	4,13296,37261	3,19746	13632	4,13455,95774	3,18573
13533	4,13139,40818	3,20903	13583	4,13299,57007	3,19722	13633	4,13459,14347	3,18550
13534	4,13142,61721	3,20880	13584	4,13302,76729	3,19699	13634	4,13462,32897	3,18526
13535	4,13145,82601	3,20856	13585	4,13305,96428	3,19675	13635	4,13465,51423	3,18503
13536	4,13149,03457	3,20832	13586	4,13309,16103	3,19651	13636	4,13468,69926	3,18479
13537	4,13152,24289	3,20809	13587	4,13312,35754	3,19628	13637	4,13471,88405	3,18456
13538	4,13155,45098	3,20784	13588	4,13315,55382	3,19604	13638	4,13475,06861	3,18433
13539	4,13158,65882	3,20761	13589	4,13318,74986	3,19581	13639	4,13478,25294	3,18409
13540	4,13161,86643	3,20738	13590	4,13321,94567	3,19558	13640	4,13481,43703	3,18386
13541	4,13165,07381	3,20714	13591	4,13325,14125	3,19534	13641	4,13484,62089	3,18363
13542	4,13168,28095	3,20690	13592	4,13328,33659	3,19510	13642	4,13487,80452	3,18339
13543	4,13171,48785	3,20666	13593	4,13331,53169	3,19487	13643	4,13490,98791	3,18316
13544	4,13174,69451	3,20643	13594	4,13334,72656	3,19463	13644	4,13494,17107	3,18293
13545	4,13177,90094	3,20619	13595	4,13337,92119	3,19440	13645	4,13497,35400	3,18269
13546	4,13181,10713	3,20595	13596	4,13341,11559	3,19416	13646	4,13500,53669	3,18246
13547	4,13184,31308	3,20572	13597	4,13344,30975	3,19393	13647	4,13503,71915	3,18223
13548	4,13187,51880	3,20548	13598	4,13347,50368	3,19370	13648	4,13506,90138	3,18200
13549	4,13190,72428	3,20524	13599	4,13350,69738	3,19346	13649	4,13510,08338	3,18176
13550	4,13193,92952	3,20501	13600	4,13353,89084	3,19322	13650	4,13513,26514	3,18153
								13651

Chilias 14.

Chilias 14.

Chilias 14.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13651	4,13516,44667	3,18129	13701	4,13675,22663	3,16969	13751	4,13833,42821	3,15816
13652	4,13519,62796	3,18106	13702	4,13678,39632	3,16945	13752	4,13836,58637	3,15793
13653	4,13522,80902	3,18083	13703	4,13681,56577	3,16923	13753	4,13839,74430	3,15770
13654	4,13525,98985	3,18060	13704	4,13684,73500	3,16899	13754	4,13842,90200	3,15747
13655	4,13529,17045	3,18036	13705	4,13687,90399	3,16876	13755	4,13846,05947	3,15724
13656	4,13532,35081	3,18013	13706	4,13691,07275	3,16853	13756	4,13849,21671	3,15702
13657	4,13535,53094	3,17990	13707	4,13694,24128	3,16830	13757	4,13852,37373	3,15678
13658	4,13538,71084	3,17966	13708	4,13697,40958	3,16806	13758	4,13855,53051	3,15656
13659	4,13541,89050	3,17943	13709	4,13700,57764	3,16784	13759	4,13858,68707	3,15632
13660	4,13545,06993	3,17920	13710	4,13703,74548	3,16760	13760	4,13861,84339	3,15610
13661	4,13548,24913	3,17897	13711	4,13706,91308	3,16738	13761	4,13864,99949	3,15586
13662	4,13551,42810	3,17873	13712	4,13710,08046	3,16714	13762	4,13868,15535	3,15564
13663	4,13554,60683	3,17850	13713	4,13713,24760	3,16691	13763	4,13871,31099	3,15540
13664	4,13557,78533	3,17827	13714	4,13716,41451	3,16668	13764	4,13874,46639	3,15518
13665	4,13560,96360	3,17804	13715	4,13719,58119	3,16645	13765	4,13877,62157	3,15495
13666	4,13564,14164	3,17780	13716	4,13722,74764	3,16622	13766	4,13880,77652	3,15472
13667	4,13567,31944	3,17757	13717	4,13725,91386	3,16599	13767	4,13883,93124	3,15449
13668	4,13570,49701	3,17734	13718	4,13729,07985	3,16576	13768	4,13887,08573	3,15426
13669	4,13573,67435	3,17711	13719	4,13732,24561	3,16553	13769	4,13890,23999	3,15404
13670	4,13576,85146	3,17687	13720	4,13735,41114	3,16529	13770	4,13893,39403	3,15380
13671	4,13580,02833	3,17664	13721	4,13738,57643	3,16507	13771	4,13896,54783	3,15357
13672	4,13583,20497	3,17641	13722	4,13741,74150	3,16483	13772	4,13899,70140	3,15335
13673	4,13586,38138	3,17618	13723	4,13744,90633	3,16461	13773	4,13902,85475	3,15311
13674	4,13589,55756	3,17594	13724	4,13748,07094	3,16437	13774	4,13906,00786	3,15289
13675	4,13592,73350	3,17571	13725	4,13751,23531	3,16415	13775	4,13909,16075	3,15266
13676	4,13595,90921	3,17548	13726	4,13754,39946	3,16391	13776	4,13912,31341	3,15243
13677	4,13599,08469	3,17525	13727	4,13757,56337	3,16368	13777	4,13915,46584	3,15220
13678	4,13602,25994	3,17502	13728	4,13760,72705	3,16345	13778	4,13918,61804	3,15197
13679	4,13605,43496	3,17478	13729	4,13763,89050	3,16322	13779	4,13921,77001	3,15175
13680	4,13608,60974	3,17455	13730	4,13767,05372	3,16299	13780	4,13924,92176	3,15151
13681	4,13611,78429	3,17432	13731	4,13770,21671	3,16277	13781	4,13928,07327	3,15129
13682	4,13614,95861	3,17409	13732	4,13773,37948	3,16253	13782	4,13931,22456	3,15106
13683	4,13618,13270	3,17385	13733	4,13776,54201	3,16230	13783	4,13934,37562	3,15082
13684	4,13621,30655	3,17362	13734	4,13779,70431	3,16207	13784	4,13937,52644	3,15060
13685	4,13624,48017	3,17340	13735	4,13782,86638	3,16184	13785	4,13940,67704	3,15038
13686	4,13627,65357	3,17316	13736	4,13786,02822	3,16160	13786	4,13943,82742	3,15014
13687	4,13630,82673	3,17292	13737	4,13789,18982	3,16138	13787	4,13946,97756	3,14991
13688	4,13633,99965	3,17270	13738	4,13792,35120	3,16115	13788	4,13950,12747	3,14969
13689	4,13637,17235	3,17246	13739	4,13795,51235	3,16092	13789	4,13953,27716	3,14946
13690	4,13640,34481	3,17224	13740	4,13798,67327	3,16069	13790	4,13956,42662	3,14923
13691	4,13643,51705	3,17200	13741	4,13801,83396	3,16046	13791	4,13959,57585	3,14900
13692	4,13646,68905	3,17177	13742	4,13804,99442	3,16023	13792	4,13962,72485	3,14877
13693	4,13649,86082	3,17153	13743	4,13808,15465	3,16000	13793	4,13965,87362	3,14855
13694	4,13653,03235	3,17131	13744	4,13811,31465	3,15977	13794	4,13969,02217	3,14831
13695	4,13656,20366	3,17107	13745	4,13814,47442	3,15954	13795	4,13972,17048	3,14809
13696	4,13659,37473	3,17085	13746	4,13817,63396	3,15931	13796	4,13975,31857	3,14786
13697	4,13662,54558	3,17061	13747	4,13820,79327	3,15908	13797	4,13978,46643	3,14763
13698	4,13665,71619	3,17038	13748	4,13823,95235	3,15885	13798	4,13981,61406	3,14740
13699	4,13668,88657	3,17015	13749	4,13827,11120	3,15862	13799	4,13984,76146	3,14718
13700	4,13672,05672	3,16991	13750	4,13830,26982	3,15839	13800	4,13987,90864	3,14695
								13801

Chilias 14.

Num.	Logarithmi	Differ.
13801	4,13991,05559	3,14672 3,14649 3,14626 3,14604 3,14581
13802	4,13994,20231	
13803	4,13997,34880	
13804	4,14000,49506	
13805	4,14003,64110	
13806	4,14006,78691	3,14558
13807	4,14009,93249	3,14535
13808	4,14013,07784	3,14512
13809	4,14016,22296	3,14490
13810	4,14019,36786	3,14467
13811	4,14022,51253	3,14444
13812	4,14025,65697	3,14421
13813	4,14028,80118	3,14399
13814	4,14031,94517	3,14376
13815	4,14035,08893	3,14353
13816	4,14038,23246	3,14330
13817	4,14041,37576	3,14307
13818	4,14044,51883	3,14285
13819	4,14047,66168	3,14262
13820	4,14050,80430	3,14240
13821	4,14053,94670	3,14216
13822	4,14057,08886	3,14194
13823	4,14060,23080	3,14171
13824	4,14063,37251	3,14149
13825	4,14066,51400	3,14125
13826	4,14069,65525	3,14103
13827	4,14072,79628	3,14081
13828	4,14075,93709	3,14057
13829	4,14079,07766	3,14035
13830	4,14082,21801	3,14012
13831	4,14085,35813	3,13990
13832	4,14088,49803	3,13966
13833	4,14091,63769	3,13944
13834	4,14094,77713	3,13922
13835	4,14097,91635	3,13898
13836	4,14101,05533	3,13876
13837	4,14104,19409	3,13854
13838	4,14107,33263	3,13830
13839	4,14110,47093	3,13808
13840	4,14113,60901	3,13785
13841	4,14116,74686	3,13763
13842	4,14119,88449	3,13740
13843	4,14123,02189	3,13717
13844	4,14126,15906	3,13695
13845	4,14129,29601	3,13672
13846	4,14132,43273	3,13649
13847	4,14135,56922	3,13627
13848	4,14138,70549	3,13604
13849	4,14141,84153	3,13581
13850	4,14144,97734	3,13559

Chilias 14.

Num.	Logarithmi	Differ.
13851	4,14148,11293	
13852	4,14151,24829	3,13536
13853	4,14154,38342	3,13513
13854	4,14157,51833	3,13491
13855	4,14160,65301	3,13468
13856	4,14163,78747	3,13446
13857	4,14166,92170	3,13423
13858	4,14170,05570	3,13400
13859	4,14173,18948	3,13378
13860	4,14176,32303	3,13355
13861	4,14179,45635	3,13332
13862	4,14182,58945	3,13310
13863	4,14185,72232	3,13287
13864	4,14188,85497	3,13265
13865	4,14191,98739	3,13242
13866	4,14195,11959	3,13220
13867	4,14198,25156	3,13197
13868	4,14201,38330	3,13174
13869	4,14204,51482	3,13152
13870	4,14207,64611	3,13129
13871	4,14210,77717	3,13106
13872	4,14213,90801	3,13084
13873	4,14217,03863	3,13062
13874	4,14220,16902	3,13039
13875	4,14223,29918	3,13016
13876	4,14226,42912	3,12994
13877	4,14229,55883	3,12971
13878	4,14232,68832	3,12949
13879	4,14235,81758	3,12926
13880	4,14238,94661	3,12903
13881	4,14242,07542	3,12881
13882	4,14245,20401	3,12859
13883	4,14248,33237	3,12836
13884	4,14251,46050	3,12813
13885	4,14254,58841	3,12791
13886	4,14257,71609	3,12768
13887	4,14260,84355	3,12746
13888	4,14263,97078	3,12723
13889	4,14267,09779	3,12701
13890	4,14270,22457	3,12678
13891	4,14273,35113	3,12656
13892	4,14276,47746	3,12633
13893	4,14279,60357	3,12611
13894	4,14282,72945	3,12588
13895	4,14285,85511	3,12566
13896	4,14288,98054	3,12543
13897	4,14292,10575	3,12521
13898	4,14295,23073	3,12498
13899	4,14298,35549	3,12476
13900	4,14301,48003	3,12454
		3,12430

Chilias 14.

Num.	Logarithmi	Differ.
13901	4,14304,60433	3,12409 3,12386 3,12363 3,12341 3,12318
13902	4,14307,72842	
13903	4,14310,85228	
13904	4,14313,97591	
13905	4,14317,09932	
13906	4,14320,22250	3,12297
13907	4,14323,34547	3,12273
13908	4,14326,46820	3,12251
13909	4,14329,59071	3,12229
13910	4,14332,71300	3,12206
13911	4,14335,83506	3,12184 3,12161 3,12139 3,12117 3,12094
13912	4,14338,95690	
13913	4,14342,07851	
13914	4,14345,19990	
13915	4,14348,32107	
13916	4,14351,44201	3,12071
13917	4,14354,56272	3,12050
13918	4,14357,68322	3,12026
13919	4,14360,80348	3,12005
13920	4,14363,92353	3,11982
13921	4,14367,04335	3,11959 3,11937 3,11915 3,11892 3,11870
13922	4,14370,16294	
13923	4,14373,28231	
13924	4,14376,40146	
13925	4,14379,52038	
13926	4,14382,63908	3,11848
13927	4,14385,75756	3,11825
13928	4,14388,87581	3,11803
13929	4,14391,99384	3,11780
13930	4,14395,11164	3,11758
13931	4,14398,22922	3,11736 3,11713 3,11691 3,11668 3,11647
13932	4,14401,34658	
13933	4,14404,46371	
13934	4,14407,58062	
13935	4,14410,69730	
13936	4,14413,81377	3,11623
13937	4,14416,93000	3,11602
13938	4,14420,04602	3,11579
13939	4,14423,16181	3,11557
13940	4,14426,27738	3,11534
13941	4,14429,39272	3,11512 3,11490 3,11467 3,11445 3,11423
13942	4,14432,50784	
13943	4,14435,62274	
13944	4,14438,73741	
13945	4,14441,85186	
13946	4,14444,96609	3,11400
13947	4,14448,08009	3,11378
13948	4,14451,19387	3,11356
13949	4,14454,30743	3,11333
13950	4,14457,42076	3,11311

13951

Chilias 14.

Chilias 15.

Chilias 15.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
13951	4,14460,53387	3,11289	14001	4,14615,90556	3,10177	14051	4,14770,72338	3,09073
13952	4,14463,64676	3,11266	14002	4,14619,00733	3,10155	14052	4,14773,81411	3,09052
13953	4,14466,75942	3,11244	14003	4,14622,10888	3,10133	14053	4,14776,90463	3,09029
13954	4,14469,87186	3,11222	14004	4,14625,21021	3,10111	14054	4,14779,99492	3,09007
13955	4,14472,98408	3,11200	14005	4,14628,31132	3,10088	14055	4,14783,08499	3,08986
13956	4,14476,09608	3,11177	14006	4,14631,41220	3,10067	14056	4,14786,17485	3,08963
13957	4,14479,20785	3,11155	14007	4,14634,51287	3,10044	14057	4,14789,26448	3,08942
13958	4,14482,31940	3,11133	14008	4,14637,61331	3,10022	14058	4,14792,35390	3,08919
13959	4,14485,43073	3,11110	14009	4,14640,71353	3,10000	14059	4,14795,44309	3,08898
13960	4,14488,54183	3,11088	14010	4,14643,81353	3,09978	14060	4,14798,53207	3,08875
13961	4,14491,65271	3,11066	14011	4,14646,91331	3,09955	14061	4,14801,62082	3,08854
13962	4,14494,76337	3,11043	14012	4,14650,01286	3,09934	14062	4,14804,70936	3,08832
13963	4,14497,87380	3,11021	14013	4,14653,11220	3,09912	14063	4,14807,79768	3,08809
13964	4,14500,98401	3,10999	14014	4,14656,21132	3,09889	14064	4,14810,88577	3,08788
13965	4,14504,09400	3,10977	14015	4,14659,31021	3,09867	14065	4,14813,97365	3,08766
13966	4,14507,20377	3,10954	14016	4,14662,40888	3,09845	14066	4,14817,06131	3,08744
13967	4,14510,31331	3,10933	14017	4,14665,50733	3,09823	14067	4,14820,14875	3,08721
13968	4,14513,42264	3,10910	14018	4,14668,60556	3,09801	14068	4,14823,23596	3,08700
13969	4,14516,53174	3,10887	14019	4,14671,70357	3,09779	14069	4,14826,32296	3,08678
13970	4,14519,64061	3,10866	14020	4,14674,80136	3,09757	14070	4,14829,40974	3,08656
13971	4,14522,74927	3,10843	14021	4,14677,89893	3,09735	14071	4,14832,49630	3,08634
13972	4,14525,85770	3,10821	14022	4,14680,99628	3,09712	14072	4,14835,58264	3,08613
13973	4,14528,96591	3,10798	14023	4,14684,09340	3,09691	14073	4,14838,66877	3,08590
13974	4,14532,07389	3,10777	14024	4,14687,19031	3,09668	14074	4,14841,75467	3,08568
13975	4,14535,18166	3,10754	14025	4,14690,28699	3,09647	14075	4,14844,84035	3,08547
13976	4,14538,28920	3,10732	14026	4,14693,38346	3,09624	14076	4,14847,92582	3,08524
13977	4,14541,39652	3,10709	14027	4,14696,47970	3,09602	14077	4,14851,01106	3,08503
13978	4,14544,50361	3,10688	14028	4,14699,57572	3,09580	14078	4,14854,09609	3,08480
13979	4,14547,61049	3,10665	14029	4,14702,67152	3,09558	14079	4,14857,18089	3,08459
13980	4,14550,71714	3,10643	14030	4,14705,76710	3,09536	14080	4,14860,26548	3,08437
13981	4,14553,82357	3,10621	14031	4,14708,86246	3,09514	14081	4,14863,34985	3,08415
13982	4,14556,92978	3,10599	14032	4,14711,95760	3,09492	14082	4,14866,43400	3,08393
13983	4,14560,03577	3,10576	14033	4,14715,05252	3,09470	14083	4,14869,51793	3,08371
13984	4,14563,14153	3,10554	14034	4,14718,14722	3,09448	14084	4,14872,60164	3,08349
13985	4,14566,24707	3,10532	14035	4,14721,24170	3,09425	14085	4,14875,68513	3,08328
13986	4,14569,35239	3,10510	14036	4,14724,33595	3,09404	14086	4,14878,76841	3,08305
13987	4,14572,45749	3,10487	14037	4,14727,42999	3,09382	14087	4,14881,85146	3,08284
13988	4,14575,56236	3,10466	14038	4,14730,52381	3,09359	14088	4,14884,93430	3,08261
13989	4,14578,66702	3,10443	14039	4,14733,61740	3,09338	14089	4,14888,01691	3,08240
13990	4,14581,77145	3,10421	14040	4,14736,71078	3,09315	14090	4,14891,09931	3,08218
13991	4,14584,87566	3,10399	14041	4,14739,80393	3,09294	14091	4,14894,18149	3,08196
13992	4,14587,97965	3,10376	14042	4,14742,89687	3,09271	14092	4,14897,26345	3,08174
13993	4,14591,08341	3,10355	14043	4,14745,98958	3,09250	14093	4,14900,34519	3,08153
13994	4,14594,18696	3,10332	14044	4,14749,08208	3,09227	14094	4,14903,42672	3,08130
13995	4,14597,29028	3,10310	14045	4,14752,17435	3,09206	14095	4,14906,50802	3,08109
13996	4,14600,39338	3,10288	14046	4,14755,26641	3,09183	14096	4,14909,58911	3,08086
13997	4,14603,49626	3,10266	14047	4,14758,35824	3,09162	14097	4,14912,66997	3,08065
13998	4,14606,59892	3,10243	14048	4,14761,44986	3,09139	14098	4,14915,75062	3,08043
13999	4,14609,70135	3,10222	14049	4,14764,54125	3,09117	14099	4,14918,83105	3,08022
14000	4,14612,80357	3,10199	14050	4,14767,63242	3,09096	14100	4,14921,91127	3,07999

Chilias 15.

Chilias 15.

Chilias 15.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14101	4,14924,99126	3,07977 3,07956 3,07934 3,07912 3,07890	14151	4,15078,71310	3,06889 3,06868 3,06846 3,06824 3,06803	14201	4,15231,89274	3,05809 3,05787 3,05766 3,05745 3,05722
14102	4,14928,07103		14152	4,15081,78199		14202	4,15234,95083	
14103	4,14931,15059		14153	4,15084,85067		14203	4,15238,00870	
14104	4,14934,22993		14154	4,15087,91913		14204	4,15241,06636	
14105	4,14937,30905		14155	4,15090,98737		14205	4,15244,12381	
14106	4,14940,38795	3,07868 3,07847 3,07825 3,07803 3,07781	14156	4,15094,05540	3,06781 3,06759 3,06738 3,06716 3,06694	14206	4,15247,18103	3,05702 3,05679 3,05659 3,05636 3,05615
14107	4,14943,46663		14157	4,15097,12321		14207	4,15250,23805	
14108	4,14946,54510		14158	4,15100,19080		14208	4,15253,29484	
14109	4,14949,62335		14159	4,15103,25818		14209	4,15256,35143	
14110	4,14952,70138		14160	4,15106,32534		14210	4,15259,40779	
14111	4,14955,77919	3,07759 3,07737 3,07716 3,07694 3,07672	14161	4,15109,39228	3,06673 3,06651 3,06629 3,06608 3,06586	14211	4,15262,46394	3,05594 3,05572 3,05551 3,05529 3,05508
14112	4,14958,85678		14162	4,15112,45901		14212	4,15265,51988	
14113	4,14961,93415		14163	4,15115,52552		14213	4,15268,57560	
14114	4,14965,01131		14164	4,15118,59181		14214	4,15271,63111	
14115	4,14968,08825		14165	4,15121,65789		14215	4,15274,68640	
14116	4,14971,16497	3,07650 3,07629 3,07606 3,07585 3,07563	14166	4,15124,72375	3,06564 3,06543 3,06521 3,06499 3,06478	14216	4,15277,74148	3,05486 3,05465 3,05443 3,05422 3,05400
14117	4,14974,24147		14167	4,15127,78939		14217	4,15280,79634	
14118	4,14977,31776		14168	4,15130,85482		14218	4,15283,85099	
14119	4,14980,39382		14169	4,15133,92003		14219	4,15286,90542	
14120	4,14983,46967		14170	4,15136,98502		14220	4,15289,95964	
14121	4,14986,54530	3,07542 3,07519 3,07498 3,07476 3,07454	14171	4,15140,04980	3,06457 3,06434 3,06413 3,06392 3,06369	14221	4,15293,01364	3,05379 3,05357 3,05336 3,05315 3,05293
14122	4,14989,62072		14172	4,15143,11437		14222	4,15296,06743	
14123	4,14992,69591		14173	4,15146,17871		14223	4,15299,12100	
14124	4,14995,77089		14174	4,15149,24284		14224	4,15302,17436	
14125	4,14998,84565		14175	4,15152,30676		14225	4,15305,22751	
14126	4,15001,92019	3,07433 3,07410 3,07389 3,07367 3,07346	14176	4,15155,37045	3,06349 3,06326 3,06305 3,06283 3,06262	14226	4,15308,28044	3,05271 3,05250 3,05229 3,05207 3,05186
14127	4,15004,99452		14177	4,15158,43394		14227	4,15311,33315	
14128	4,15008,06862		14178	4,15161,49720		14228	4,15314,38565	
14129	4,15011,14251		14179	4,15164,56025		14229	4,15317,43794	
14130	4,15014,21618		14180	4,15167,62308		14230	4,15320,49001	
14131	4,15017,28964	3,07324 3,07302 3,07280 3,07258 3,07237	14181	4,15170,68570	3,06240 3,06219 3,06197 3,06175 3,06154	14231	4,15323,54187	3,05164 3,05143 3,05121 3,05100 3,05078
14132	4,15020,36288		14182	4,15173,74810		14232	4,15326,59351	
14133	4,15023,43590		14183	4,15176,81029		14233	4,15329,64494	
14134	4,15026,50870		14184	4,15179,87226		14234	4,15332,69615	
14135	4,15029,58128		14185	4,15182,93401		14235	4,15335,74715	
14136	4,15032,65365	3,07215 3,07193 3,07172 3,07150 3,07128	14186	4,15185,99555	3,06132 3,06111 3,06089 3,06068 3,06046	14236	4,15338,79793	3,05057 3,05036 3,05014 3,04993 3,04971
14137	4,15035,72580		14187	4,15189,05687		14237	4,15341,84850	
14138	4,15038,79773		14188	4,15192,11798		14238	4,15344,89886	
14139	4,15041,86945		14189	4,15195,17887		14239	4,15347,94900	
14140	4,15044,94095		14190	4,15198,23955		14240	4,15350,99893	
14141	4,15048,01223	3,07106 3,07085 3,07063 3,07041 3,07019	14191	4,15201,30001	3,06024 3,06003 3,05981 3,05960 3,05938	14241	4,15354,04864	3,04950 3,04929 3,04907 3,04886 3,04864
14142	4,15051,08329		14192	4,15204,36025		14242	4,15357,09814	
14143	4,15054,15414		14193	4,15207,42028		14243	4,15360,14743	
14144	4,15057,22477		14194	4,15210,48009		14244	4,15363,19650	
14145	4,15060,29518		14195	4,15213,53969		14245	4,15366,24536	
14146	4,15063,36537	3,06998 3,06976 3,06955 3,06933 3,06911	14196	4,15216,59907	3,05916 3,05895 3,05874 3,05852 3,05830	14246	4,15369,29400	3,04843 3,04822 3,04800 3,04778 3,04758
14147	4,15066,43535		14197	4,15219,65823		14247	4,15372,34243	
14148	4,15069,50511		14198	4,15222,71718		14248	4,15375,39065	
14149	4,15072,57466		14199	4,15225,77592		14249	4,15378,43865	
14150	4,15075,64399		14200	4,15228,83444		14250	4,15381,48643	

Chilias 15.

Num.	Logarithmi	Differ.
14251	4,15384,53401	3,04736
14252	4,15387,58137	3,04714
14253	4,15390,62851	3,04694
14254	4,15393,67545	3,04671
14255	4,15396,72216	3,04651
14256	4,15399,76867	3,04629
14257	4,15402,81496	3,04608
14258	4,15405,86104	3,04586
14259	4,15408,90690	3,04565
14260	4,15411,95255	3,04544
14261	4,15414,99799	3,04522
14262	4,15418,04321	3,04501
14263	4,15421,08822	3,04480
14264	4,15424,13302	3,04458
14265	4,15427,17760	3,04437
14266	4,15430,22197	3,04415
14267	4,15433,26612	3,04395
14268	4,15436,31007	3,04373
14269	4,15439,35380	3,04351
14270	4,15442,39731	3,04330
14271	4,15445,44061	3,04309
14272	4,15448,48370	3,04288
14273	4,15451,52658	3,04266
14274	4,15454,56924	3,04245
14275	4,15457,61169	3,04224
14276	4,15460,65393	3,04202
14277	4,15463,69595	3,04181
14278	4,15466,73776	3,04160
14279	4,15469,77936	3,04138
14280	4,15472,82074	3,04118
14281	4,15475,86192	3,04095
14282	4,15478,90287	3,04075
14283	4,15481,94362	3,04053
14284	4,15484,98415	3,04032
14285	4,15488,02447	3,04011
14286	4,15491,06458	3,03989
14287	4,15494,10447	3,03968
14288	4,15497,14415	3,03947
14289	4,15500,18362	3,03926
14290	4,15503,22288	3,03904
14291	4,15506,26192	3,03883
14292	4,15509,30075	3,03862
14293	4,15512,33937	3,03841
14294	4,15515,37778	3,03819
14295	4,15518,41597	3,03798
14296	4,15521,45395	3,03777
14297	4,15524,49172	3,03755
14298	4,15527,52927	3,03735
14299	4,15530,56662	3,03713
14300	4,15533,60375	3,03691

Chilias 15.

Num.	Logarithmi	Differ.
14301	4,15536,64066	3,03671
14302	4,15539,67737	3,03649
14303	4,15542,71386	3,03629
14304	4,15545,75015	3,03606
14305	4,15548,78621	3,03586
14306	4,15551,82207	3,03565
14307	4,15554,85772	3,03543
14308	4,15557,89315	3,03522
14309	4,15560,92837	3,03501
14310	4,15563,96338	3,03479
14311	4,15566,99817	3,03459
14312	4,15570,03276	3,03437
14313	4,15573,06713	3,03416
14314	4,15576,10129	3,03395
14315	4,15579,13524	3,03373
14316	4,15582,16897	3,03353
14317	4,15585,20250	3,03331
14318	4,15588,23581	3,03310
14319	4,15591,26891	3,03289
14320	4,15594,30180	3,03267
14321	4,15597,33447	3,03247
14322	4,15600,36694	3,03225
14323	4,15603,39919	3,03204
14324	4,15606,43123	3,03183
14325	4,15609,46306	3,03162
14326	4,15612,49468	3,03141
14327	4,15615,52609	3,03119
14328	4,15618,55728	3,03099
14329	4,15621,58827	3,03077
14330	4,15624,61904	3,03056
14331	4,15627,64960	3,03035
14332	4,15630,67995	3,03014
14333	4,15633,71009	3,02992
14334	4,15636,74001	3,02972
14335	4,15639,76973	3,02950
14336	4,15642,79923	3,02929
14337	4,15645,82852	3,02909
14338	4,15648,85761	3,02886
14339	4,15651,88647	3,02866
14340	4,15654,91513	3,02845
14341	4,15657,94358	3,02824
14342	4,15660,97182	3,02802
14343	4,15663,99984	3,02782
14344	4,15667,02766	3,02760
14345	4,15670,05526	3,02739
14346	4,15673,08265	3,02718
14347	4,15676,10983	3,02697
14348	4,15679,13680	3,02676
14349	4,15682,16356	3,02655
14350	4,15685,19011	3,02633

Chilias 15.

Num.	Logarithmi	Differ.
14351	4,15688,21644	3,02613
14352	4,15691,24257	3,02592
14353	4,15694,26849	3,02570
14354	4,15697,29419	3,02549
14355	4,15700,31968	3,02529
14356	4,15703,34497	3,02507
14357	4,15706,37004	3,02486
14358	4,15709,39490	3,02465
14359	4,15712,41955	3,02444
14360	4,15715,44399	3,02423
14361	4,15718,46822	3,02402
14362	4,15721,49224	3,02381
14363	4,15724,51605	3,02360
14364	4,15727,53965	3,02338
14365	4,15730,56303	3,02318
14366	4,15733,58621	3,02297
14367	4,15736,60918	3,02275
14368	4,15739,63193	3,02255
14369	4,15742,65448	3,02233
14370	4,15745,67681	3,02213
14371	4,15748,69894	3,02191
14372	4,15751,72085	3,02171
14373	4,15754,74256	3,02149
14374	4,15757,76405	3,02129
14375	4,15760,78534	3,02107
14376	4,15763,80641	3,02086
14377	4,15766,82727	3,02066
14378	4,15769,84793	3,02044
14379	4,15772,86837	3,02023
14380	4,15775,88860	3,02003
14381	4,15778,90863	3,01981
14382	4,15781,92844	3,01961
14383	4,15784,94805	3,01939
14384	4,15787,96744	3,01918
14385	4,15790,98662	3,01898
14386	4,15794,00560	3,01876
14387	4,15797,02436	3,01855
14388	4,15800,04291	3,01835
14389	4,15803,06126	3,01813
14390	4,15806,07939	3,01793
14391	4,15809,09732	3,01771
14392	4,15812,11503	3,01751
14393	4,15815,13254	3,01730
14394	4,15818,14984	3,01708
14395	4,15821,16692	3,01688
14396	4,15824,18380	3,01667
14397	4,15827,20047	3,01645
14398	4,15830,21692	3,01625
14399	4,15833,23317	3,01604
14400	4,15836,24921	3,01583

Chilias 15.

Chilias 15.

Chilias 15.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14401	4,15839,26504	3,01562 3,01541 3,01520 3,01499 3,01478	14451	4,15989,79010	3,00519 3,00498 3,00477 3,00456 3,00436	14501	4,16139,79525	2,99483 2,99462 2,99441 2,99420 2,99400
14402	4,15842,28066		14452	4,15992,79529		14502	4,16142,79008	
14403	4,15845,29607		14453	4,15995,80027		14503	4,16145,78470	
14404	4,15848,31127		14454	4,15998,80504		14504	4,16148,77911	
14405	4,15851,32626		14455	4,16001,80960		14505	4,16151,77331	
14406	4,15854,34104	3,01458 3,01436 3,01416 3,01394 3,01374	14456	4,16004,81396	3,00414 3,00394 3,00373 3,00353 3,00331	14506	4,16154,76731	2,99379 2,99359 2,99338 2,99317 2,99297
14407	4,15857,35562		14457	4,16007,81810		14507	4,16157,76110	
14408	4,15860,36998		14458	4,16010,82204		14508	4,16160,75469	
14409	4,15863,38414		14459	4,16013,82577		14509	4,16163,74807	
14410	4,15866,39808		14460	4,16016,82930		14510	4,16166,74124	
14411	4,15869,41182	3,01353 3,01331 3,01311 3,01290 3,01269	14461	4,16019,83261	3,00311 3,00290 3,00269 3,00249 3,00228	14511	4,16169,73421	2,99276 2,99256 2,99234 2,99215 2,99193
14412	4,15872,42535		14462	4,16022,83572		14512	4,16172,72697	
14413	4,15875,43866		14463	4,16025,83862		14513	4,16175,71953	
14414	4,15878,45177		14464	4,16028,84131		14514	4,16178,71187	
14415	4,15881,46467		14465	4,16031,84380		14515	4,16181,70402	
14416	4,15884,47736	3,01249 3,01227 3,01206 3,01186 3,01164	14466	4,16034,84608	3,00207 3,00186 3,00165 3,00145 3,00124	14516	4,16184,69595	2,99173 2,99153 2,99131 2,99112 2,99090
14417	4,15887,48985		14467	4,16037,84815		14517	4,16187,68768	
14418	4,15890,50212		14468	4,16040,85001		14518	4,16190,67921	
14419	4,15893,51418		14469	4,16043,85166		14519	4,16193,67052	
14420	4,15896,52604		14470	4,16046,85311		14520	4,16196,66164	
14421	4,15899,53768	3,01144 3,01123 3,01102 3,01081 3,01061	14471	4,16049,85435	3,00104 3,00082 3,00062 3,00041 3,00020	14521	4,16199,65254	2,99070 2,99050 2,99028 2,99009 2,98987
14422	4,15902,54912		14472	4,16052,85539		14522	4,16202,64324	
14423	4,15905,56035		14473	4,16055,85621		14523	4,16205,63374	
14424	4,15908,57137		14474	4,16058,85683		14524	4,16208,62402	
14425	4,15911,58218		14475	4,16061,85724		14525	4,16211,61411	
14426	4,15914,59279	3,01039 3,01018 3,00998 3,00977 3,00956	14476	4,16064,85744	3,00000 2,99979 2,99958 2,99938 2,99916	14526	4,16214,60398	2,98967 2,98947 2,98926 2,98905 2,98885
14427	4,15917,60318		14477	4,16067,85744		14527	4,16217,59365	
14428	4,15920,61336		14478	4,16070,85723		14528	4,16220,58312	
14429	4,15923,62334		14479	4,16073,85681		14529	4,16223,57238	
14430	4,15926,63311		14480	4,16076,85619		14530	4,16226,56143	
14431	4,15929,64267	3,00935 3,00914 3,00894 3,00872 3,00852	14481	4,16079,85535	2,99896 2,99876 2,99854 2,99834 2,99814	14531	4,16229,55028	2,98864 2,98844 2,98823 2,98802 2,98782
14432	4,15932,65202		14482	4,16082,85431		14532	4,16232,53892	
14433	4,15935,66116		14483	4,16085,85307		14533	4,16235,52736	
14434	4,15938,67010		14484	4,16088,85161		14534	4,16238,51559	
14435	4,15941,67882		14485	4,16091,84995		14535	4,16241,50361	
14436	4,15944,68734	3,00831 3,00810 3,00789 3,00768 3,00748	14486	4,16094,84809	2,99792 2,99772 2,99751 2,99731 2,99710	14536	4,16244,49143	2,98761 2,98741 2,98720 2,98700 2,98679
14437	4,15947,69565		14487	4,16097,84601		14537	4,16247,47904	
14438	4,15950,70375		14488	4,16100,84373		14538	4,16250,46645	
14439	4,15953,71164		14489	4,16103,84124		14539	4,16253,45365	
14440	4,15956,71932		14490	4,16106,83855		14540	4,16256,44065	
14441	4,15959,72680	3,00727 3,00705 3,00686 3,00664 3,00643	14491	4,16109,83565	2,99689 2,99668 2,99648 2,99627 2,99606	14541	4,16259,42744	2,98659 2,98638 2,98618 2,98597 2,98576
14442	4,15962,73407		14492	4,16112,83254		14542	4,16262,41403	
14443	4,15965,74112		14493	4,16115,82922		14543	4,16265,40041	
14444	4,15968,74798		14494	4,16118,82570		14544	4,16268,38659	
14445	4,15971,75462		14495	4,16121,82197		14545	4,16271,37256	
14446	4,15974,76105	3,00623 3,00602 3,00581 3,00560 3,00539	14496	4,16124,81803	2,99586 2,99565 2,99545 2,99523 2,99503	14546	4,16274,35832	2,98556 2,98536 2,98515 2,98494 2,98474
14447	4,15977,76728		14497	4,16127,81389		14547	4,16277,34388	
14448	4,15980,77330		14498	4,16130,80954		14548	4,16280,32924	
14449	4,15983,77911		14499	4,16133,80499		14549	4,16283,31439	
14450	4,15986,78471		14500	4,16136,80022		14550	4,16286,29933	

14551

Chilias 15.

Chilias 15.

Chilias 15.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14551	4,16289,28407	2,98454	14601	4,16438,26010	2,97431	14651	4,16586,72684	2,96416
14552	4,16292,26861	2,98432	14602	4,16441,23441	2,97411	14652	4,16589,69100	2,96396
14553	4,16295,25293	2,98413	14603	4,16444,20852	2,97391	14653	4,16592,65496	2,96376
14554	4,16298,23706	2,98392	14604	4,16447,18243	2,97370	14654	4,16595,61872	2,96356
14555	4,16301,22098	2,98371	14605	4,16450,15613	2,97350	14655	4,16598,58228	2,96335
14556	4,16304,20469	2,98351	14606	4,16453,12963	2,97330	14656	4,16601,54563	2,96316
14557	4,16307,18820	2,98330	14607	4,16456,10293	2,97309	14657	4,16604,50879	2,96295
14558	4,16310,17150	2,98310	14608	4,16459,07602	2,97289	14658	4,16607,47174	2,96274
14559	4,16313,15460	2,98290	14609	4,16462,04891	2,97268	14659	4,16610,43448	2,96255
14560	4,16316,13750	2,98269	14610	4,16465,02159	2,97249	14660	4,16613,39703	2,96234
14561	4,16319,12019	2,98248	14611	4,16467,99408	2,97227	14661	4,16616,35937	2,96215
14562	4,16322,10267	2,98228	14612	4,16470,96635	2,97208	14662	4,16619,32152	2,96194
14563	4,16325,08495	2,98208	14613	4,16473,93843	2,97187	14663	4,16622,28346	2,96174
14564	4,16328,06703	2,98187	14614	4,16476,91030	2,97167	14664	4,16625,24520	2,96153
14565	4,16331,04890	2,98166	14615	4,16479,88197	2,97146	14665	4,16628,20673	2,96134
14566	4,16334,03056	2,98146	14616	4,16482,85343	2,97127	14666	4,16631,16807	2,96113
14567	4,16337,01202	2,98126	14617	4,16485,82470	2,97105	14667	4,16634,12920	2,96093
14568	4,16339,99328	2,98105	14618	4,16488,79575	2,97086	14668	4,16637,09013	2,96073
14569	4,16342,97433	2,98085	14619	4,16491,76661	2,97065	14669	4,16640,05086	2,96052
14570	4,16345,95518	2,98064	14620	4,16494,73726	2,97045	14670	4,16643,01138	2,96033
14571	4,16348,93582	2,98044	14621	4,16497,70771	2,97025	14671	4,16645,97171	2,96012
14572	4,16351,91626	2,98023	14622	4,16500,67796	2,97004	14672	4,16648,93183	2,95992
14573	4,16354,89649	2,98003	14623	4,16503,64800	2,96984	14673	4,16651,89175	2,95972
14574	4,16357,87652	2,97982	14624	4,16506,61784	2,96964	14674	4,16654,85147	2,95952
14575	4,16360,85634	2,97962	14625	4,16509,58748	2,96943	14675	4,16657,81099	2,95932
14576	4,16363,83596	2,97942	14626	4,16512,55691	2,96923	14676	4,16660,77031	2,95911
14577	4,16366,81538	2,97921	14627	4,16515,52614	2,96903	14677	4,16663,72942	2,95892
14578	4,16369,79459	2,97901	14628	4,16518,49517	2,96882	14678	4,16666,68834	2,95871
14579	4,16372,77360	2,97880	14629	4,16521,46399	2,96862	14679	4,16669,64705	2,95851
14580	4,16375,75240	2,97860	14630	4,16524,43261	2,96842	14680	4,16672,60556	2,95831
14581	4,16378,73100	2,97839	14631	4,16527,40103	2,96822	14681	4,16675,56387	2,95810
14582	4,16381,70939	2,97819	14632	4,16530,36925	2,96801	14682	4,16678,52197	2,95791
14583	4,16384,68758	2,97798	14633	4,16533,33726	2,96781	14683	4,16681,47988	2,95770
14584	4,16387,66556	2,97779	14634	4,16536,30507	2,96761	14684	4,16684,43758	2,95751
14585	4,16390,64335	2,97757	14635	4,16539,27268	2,96740	14685	4,16687,39509	2,95730
14586	4,16393,62092	2,97738	14636	4,16542,24008	2,96720	14686	4,16690,35239	2,95710
14587	4,16396,59830	2,97716	14637	4,16545,20728	2,96700	14687	4,16693,30949	2,95690
14588	4,16399,57546	2,97697	14638	4,16548,17428	2,96680	14688	4,16696,26639	2,95669
14589	4,16402,55243	2,97676	14639	4,16551,14108	2,96659	14689	4,16699,22308	2,95650
14590	4,16405,52919	2,97656	14640	4,16554,10767	2,96639	14690	4,16702,17958	2,95629
14591	4,16408,50575	2,97635	14641	4,16557,07406	2,96619	14691	4,16705,13587	2,95610
14592	4,16411,48210	2,97615	14642	4,16560,04025	2,96599	14692	4,16708,09197	2,95589
14593	4,16414,45825	2,97594	14643	4,16563,00624	2,96578	14693	4,16711,04786	2,95569
14594	4,16417,43419	2,97574	14644	4,16565,97202	2,96558	14694	4,16714,00355	2,95549
14595	4,16420,40993	2,97554	14645	4,16568,93760	2,96538	14695	4,16716,95904	2,95529
14596	4,16423,38547	2,97533	14646	4,16571,90298	2,96518	14696	4,16719,91433	2,95509
14597	4,16426,36080	2,97513	14647	4,16574,86816	2,96497	14697	4,16722,86942	2,95488
14598	4,16429,33593	2,97493	14648	4,16577,83313	2,96477	14698	4,16725,82430	2,95469
14599	4,16432,31086	2,97472	14649	4,16580,79790	2,96457	14699	4,16728,77899	2,95448
14600	4,16435,28558	2,97452	14650	4,16583,76247	2,96437	14700	4,16731,73347	2,95429

Chilias 15.

Chilias 15.

Chilias 15.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14701	4,16734,68776	2,95408	14751	4,16882,14630	2,94407	14801	4,17029,10586	2,93413
14702	4,16737,64184	2,95388	14752	4,16885,09037	2,94387	14802	4,17032,03999	2,93392
14703	4,16740,59572	2,95368	14753	4,16888,03424	2,94367	14803	4,17034,97391	2,93373
14704	4,16743,54940	2,95348	14754	4,16890,97791	2,94347	14804	4,17037,90764	2,93353
14705	4,16746,50288	2,95328	14755	4,16893,92138	2,94328	14805	4,17040,84117	2,93333
14706	4,16749,45616	2,95308	14756	4,16896,86466	2,94307	14806	4,17043,77450	2,93314
14707	4,16752,40924	2,95288	14757	4,16899,80773	2,94287	14807	4,17046,70764	2,93293
14708	4,16755,36212	2,95268	14758	4,16902,75060	2,94267	14808	4,17049,64057	2,93274
14709	4,16758,31480	2,95247	14759	4,16905,69327	2,94248	14809	4,17052,57331	2,93254
14710	4,16761,26727	2,95228	14760	4,16908,63575	2,94227	14810	4,17055,50585	2,93234
14711	4,16764,21955	2,95207	14761	4,16911,57802	2,94208	14811	4,17058,43819	2,93215
14712	4,16767,17162	2,95188	14762	4,16914,52010	2,94188	14812	4,17061,37034	2,93194
14713	4,16770,12350	2,95167	14763	4,16917,46198	2,94167	14813	4,17064,30228	2,93175
14714	4,16773,07517	2,95147	14764	4,16920,40365	2,94148	14814	4,17067,23403	2,93155
14715	4,16776,02664	2,95128	14765	4,16923,34513	2,94128	14815	4,17070,16558	2,93135
14716	4,16778,97792	2,95107	14766	4,16926,28641	2,94108	14816	4,17073,09693	2,93116
14717	4,16781,92899	2,95087	14767	4,16929,22749	2,94088	14817	4,17076,02809	2,93095
14718	4,16784,87986	2,95067	14768	4,16932,16837	2,94068	14818	4,17078,95904	2,93076
14719	4,16787,83053	2,95047	14769	4,16935,10905	2,94048	14819	4,17081,88980	2,93056
14720	4,16790,78100	2,95027	14770	4,16938,04953	2,94028	14820	4,17084,82036	2,93037
14721	4,16793,73127	2,95007	14771	4,16940,98981	2,94009	14821	4,17087,75073	2,93016
14722	4,16796,68134	2,94987	14772	4,16943,92990	2,93988	14822	4,17090,68089	2,92997
14723	4,16799,63121	2,94967	14773	4,16946,86978	2,93969	14823	4,17093,61086	2,92977
14724	4,16802,58088	2,94947	14774	4,16949,80947	2,93949	14824	4,17096,54063	2,92957
14725	4,16805,53035	2,94926	14775	4,16952,74896	2,93928	14825	4,17099,47020	2,92938
14726	4,16808,47961	2,94907	14776	4,16955,68824	2,93909	14826	4,17102,39958	2,92918
14727	4,16811,42868	2,94887	14777	4,16958,62733	2,93889	14827	4,17105,32876	2,92898
14728	4,16814,37755	2,94867	14778	4,16961,56622	2,93869	14828	4,17108,25774	2,92878
14729	4,16817,32622	2,94846	14779	4,16964,50491	2,93850	14829	4,17111,18652	2,92858
14730	4,16820,27468	2,94827	14780	4,16967,44341	2,93829	14830	4,17114,11510	2,92839
14731	4,16823,22295	2,94807	14781	4,16970,38170	2,93809	14831	4,17117,04349	2,92819
14732	4,16826,17102	2,94787	14782	4,16973,31979	2,93790	14832	4,17119,97168	2,92799
14733	4,16829,11889	2,94766	14783	4,16976,25769	2,93770	14833	4,17122,89967	2,92780
14734	4,16832,06655	2,94747	14784	4,16979,19539	2,93750	14834	4,17125,82747	2,92760
14735	4,16835,01402	2,94727	14785	4,16982,13289	2,93730	14835	4,17128,75507	2,92740
14736	4,16837,96129	2,94706	14786	4,16985,07019	2,93710	14836	4,17131,68247	2,92720
14737	4,16840,90835	2,94687	14787	4,16988,00729	2,93690	14837	4,17134,60967	2,92700
14738	4,16843,85522	2,94667	14788	4,16990,94419	2,93670	14838	4,17137,53667	2,92681
14739	4,16846,80189	2,94646	14789	4,16993,88089	2,93651	14839	4,17140,46348	2,92661
14740	4,16849,74835	2,94627	14790	4,16996,81740	2,93631	14840	4,17143,39009	2,92642
14741	4,16852,69462	2,94607	14791	4,16999,75371	2,93611	14841	4,17146,31651	2,92622
14742	4,16855,64069	2,94586	14792	4,17002,68982	2,93591	14842	4,17149,24273	2,92602
14743	4,16858,58655	2,94567	14793	4,17005,62573	2,93571	14843	4,17152,16875	2,92582
14744	4,16861,53222	2,94547	14794	4,17008,56144	2,93551	14844	4,17155,09457	2,92562
14745	4,16864,47769	2,94527	14795	4,17011,49695	2,93531	14845	4,17158,02019	2,92543
14746	4,16867,42296	2,94506	14796	4,17014,43226	2,93512	14846	4,17160,94562	2,92523
14747	4,16870,36802	2,94487	14797	4,17017,36738	2,93492	14847	4,17163,87085	2,92504
14748	4,16873,31289	2,94467	14798	4,17020,30230	2,93472	14848	4,17166,79589	2,92483
14749	4,16876,25756	2,94447	14799	4,17023,23702	2,93452	14849	4,17169,72072	2,92465
14750	4,16879,20203	2,94427	14800	4,17026,17154	2,93432	14850	4,17172,64537	2,92444

14851

Chilias 15.

Chilias 15.

Chilias 15.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
14851	4,17175,56981		14901	4,17321,54147		14951	4,17467,02415	
14852	4,17178,49406	2,92425	14902	4,17324,45591	2,91444	14952	4,17469,92884	2,90469
14853	4,17181,41811	2,92405	14903	4,17327,37015	2,91424	14953	4,17472,83333	2,90449
14854	4,17184,34196	2,92385	14904	4,17330,28419	2,91404	14954	4,17475,73763	2,90430
14855	4,17187,26561	2,92365	14905	4,17333,19804	2,91385	14955	4,17478,64174	2,90411
14856	4,17190,18907	2,92346	14906	4,17336,11169	2,91365	14956	4,17481,54565	2,90391
14857	4,17193,11234	2,92327	14907	4,17339,02515	2,91346	14957	4,17484,44937	2,90372
14858	4,17196,03540	2,92306	14908	4,17341,93841	2,91326	14958	4,17487,35289	2,90352
14859	4,17198,95827	2,92287	14909	4,17344,85147	2,91306	14959	4,17490,25622	2,90333
14860	4,17201,88094	2,92267	14910	4,17347,76435	2,91288	14960	4,17493,15935	2,90313
14861	4,17204,80342	2,92248	14911	4,17350,67702	2,91267	14961	4,17496,06229	2,90294
14862	4,17207,72570	2,92228	14912	4,17353,58950	2,91248	14962	4,17498,96504	2,90275
14863	4,17210,64778	2,92208	14913	4,17356,50179	2,91229	14963	4,17501,86759	2,90255
14864	4,17213,56966	2,92188	14914	4,17359,41388	2,91209	14964	4,17504,76995	2,90236
14865	4,17216,49135	2,92169	14915	4,17362,32577	2,91189	14965	4,17507,67212	2,90217
14866	4,17219,41285	2,92150	14916	4,17365,23747	2,91170	14966	4,17510,57409	2,90197
14867	4,17222,33414	2,92129	14917	4,17368,14897	2,91150	14967	4,17513,47587	2,90178
14868	4,17225,25524	2,92110	14918	4,17371,06028	2,91131	14968	4,17516,37745	2,90158
14869	4,17228,17615	2,92091	14919	4,17373,97140	2,91112	14969	4,17519,27884	2,90139
14870	4,17231,09685	2,92070	14920	4,17376,88231	2,91091	14970	4,17522,18003	2,90119
14871	4,17234,01736	2,92051	14921	4,17379,79304	2,91073	14971	4,17525,08104	2,90101
14872	4,17236,93768	2,92032	14922	4,17382,70357	2,91053	14972	4,17527,98184	2,90080
14873	4,17239,85779	2,92011	14923	4,17385,61390	2,91033	14973	4,17530,88246	2,90062
14874	4,17242,77772	2,91993	14924	4,17388,52404	2,91014	14974	4,17533,78288	2,90042
14875	4,17245,69744	2,91972	14925	4,17391,43398	2,90994	14975	4,17536,68311	2,90023
14876	4,17248,61697	2,91953	14926	4,17394,34373	2,90975	14976	4,17539,58314	2,90003
14877	4,17251,53630	2,91933	14927	4,17397,25328	2,90955	14977	4,17542,48298	2,89984
14878	4,17254,45544	2,91914	14928	4,17400,16264	2,90936	14978	4,17545,38263	2,89965
14879	4,17257,37438	2,91894	14929	4,17403,07180	2,90916	14979	4,17548,28208	2,89945
14880	4,17260,29312	2,91874	14930	4,17405,98077	2,90897	14980	4,17551,18134	2,89926
14881	4,17263,21167	2,91855	14931	4,17408,88955	2,90878	14981	4,17554,08040	2,89906
14882	4,17266,13002	2,91835	14932	4,17411,79813	2,90858	14982	4,17556,97927	2,89887
14883	4,17269,04818	2,91816	14933	4,17414,70651	2,90838	14983	4,17559,87795	2,89868
14884	4,17271,96613	2,91795	14934	4,17417,61470	2,90819	14984	4,17562,77644	2,89849
14885	4,17274,88390	2,91777	14935	4,17420,52269	2,90799	14985	4,17565,67473	2,89829
14886	4,17277,80147	2,91757	14936	4,17423,43049	2,90780	14986	4,17568,57283	2,89810
14887	4,17280,71884	2,91737	14937	4,17426,33810	2,90761	14987	4,17571,47073	2,89790
14888	4,17283,63601	2,91717	14938	4,17429,24551	2,90741	14988	4,17574,36844	2,89771
14889	4,17286,55299	2,91698	14939	4,17432,15273	2,90722	14989	4,17577,26596	2,89752
14890	4,17289,46978	2,91679	14940	4,17435,05975	2,90702	14990	4,17580,16328	2,89732
14891	4,17292,38636	2,91658	14941	4,17437,96657	2,90682	14991	4,17583,06042	2,89714
14892	4,17295,30275	2,91639	14942	4,17440,87321	2,90664	14992	4,17585,95735	2,89693
14893	4,17298,21895	2,91620	14943	4,17443,77965	2,90644	14993	4,17588,85410	2,89675
14894	4,17301,13495	2,91600	14944	4,17446,68589	2,90624	14994	4,17591,75065	2,89655
14895	4,17304,05076	2,91581	14945	4,17449,59194	2,90605	14995	4,17594,64701	2,89636
14896	4,17306,96636	2,91560	14946	4,17452,49779	2,90585	14996	4,17597,54317	2,89616
14897	4,17309,88178	2,91542	14947	4,17455,40345	2,90566	14997	4,17600,43915	2,89598
14898	4,17312,79699	2,91521	14948	4,17458,30892	2,90547	14998	4,17603,33493	2,89578
14899	4,17315,71202	2,91503	14949	4,17461,21419	2,90527	14999	4,17606,23051	2,89558
14900	4,17318,62684	2,91482	14950	4,17464,11927	2,90508	15000	4,17609,12591	2,89540
		2,91463			2,90488			2,89520

Chilias 16.

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Chilias 16.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
15001	4,17612,02111	2,89500	15051	4,17756,53557	2,88539	15101	4,17900,57076	2,87583
15002	4,17614,91611	2,89482	15052	4,17759,42096	2,88520	15102	4,17903,44659	2,87565
15003	4,17617,81093	2,89462	15053	4,17762,30616	2,88501	15103	4,17906,32224	2,87546
15004	4,17620,70555	2,89443	15054	4,17765,19117	2,88481	15104	4,17909,19770	2,87526
15005	4,17623,59998	2,89423	15055	4,17768,07598	2,88463	15105	4,17912,07296	2,87508
15006	4,17626,49421	2,89404	15056	4,17770,96061	2,88443	15106	4,17914,94804	2,87488
15007	4,17629,38825	2,89385	15057	4,17773,84504	2,88424	15107	4,17917,82292	2,87470
15008	4,17632,28210	2,89366	15058	4,17776,72928	2,88405	15108	4,17920,69762	2,87450
15009	4,17635,17576	2,89346	15059	4,17779,61333	2,88386	15109	4,17923,57212	2,87431
15010	4,17638,06922	2,89328	15060	4,17782,49719	2,88366	15110	4,17926,44643	2,87413
15011	4,17640,96250	2,89307	15061	4,17785,38085	2,88348	15111	4,17929,32056	2,87393
15012	4,17643,85557	2,89289	15062	4,17788,26433	2,88328	15112	4,17932,19449	2,87374
15013	4,17646,74846	2,89269	15063	4,17791,14761	2,88309	15113	4,17935,06823	2,87356
15014	4,17649,64115	2,89250	15064	4,17794,03070	2,88290	15114	4,17937,94179	2,87336
15015	4,17652,53365	2,89231	15065	4,17796,91360	2,88271	15115	4,17940,81515	2,87317
15016	4,17655,42596	2,89212	15066	4,17799,79631	2,88252	15116	4,17943,68832	2,87299
15017	4,17658,31808	2,89192	15067	4,17802,67883	2,88232	15117	4,17946,56131	2,87279
15018	4,17661,21000	2,89173	15068	4,17805,56115	2,88214	15118	4,17949,43410	2,87260
15019	4,17664,10173	2,89154	15069	4,17808,44329	2,88194	15119	4,17952,30670	2,87242
15020	4,17666,99327	2,89134	15070	4,17811,32523	2,88175	15120	4,17955,17912	2,87222
15021	4,17669,88461	2,89115	15071	4,17814,20698	2,88156	15121	4,17958,05134	2,87203
15022	4,17672,77576	2,89096	15072	4,17817,08854	2,88137	15122	4,17960,92337	2,87185
15023	4,17675,66672	2,89077	15073	4,17819,96991	2,88118	15123	4,17963,79522	2,87165
15024	4,17678,55749	2,89058	15074	4,17822,85109	2,88099	15124	4,17966,66687	2,87146
15025	4,17681,44807	2,89038	15075	4,17825,73208	2,88080	15125	4,17969,53833	2,87128
15026	4,17684,33845	2,89019	15076	4,17828,61288	2,88060	15126	4,17972,40961	2,87108
15027	4,17687,22864	2,89000	15077	4,17831,49348	2,88042	15127	4,17975,28069	2,87089
15028	4,17690,11864	2,88981	15078	4,17834,37390	2,88022	15128	4,17978,15158	2,87071
15029	4,17693,00845	2,88961	15079	4,17837,25412	2,88003	15129	4,17981,02229	2,87051
15030	4,17695,89806	2,88942	15080	4,17840,13415	2,87984	15130	4,17983,89280	2,87033
15031	4,17698,78748	2,88923	15081	4,17843,01399	2,87966	15131	4,17986,76313	2,87013
15032	4,17701,67671	2,88904	15082	4,17845,89365	2,87945	15132	4,17989,63326	2,86995
15033	4,17704,56575	2,88884	15083	4,17848,77310	2,87927	15133	4,17992,50321	2,86975
15034	4,17707,45459	2,88865	15084	4,17851,65237	2,87908	15134	4,17995,37296	2,86957
15035	4,17710,34324	2,88846	15085	4,17854,53145	2,87889	15135	4,17998,24253	2,86938
15036	4,17713,23170	2,88827	15086	4,17857,41034	2,87869	15136	4,18001,11191	2,86918
15037	4,17716,11997	2,88808	15087	4,17860,28903	2,87851	15137	4,18003,98109	2,86900
15038	4,17719,00805	2,88788	15088	4,17863,16754	2,87831	15138	4,18006,85009	2,86881
15039	4,17721,89593	2,88770	15089	4,17866,04585	2,87813	15139	4,18009,71890	2,86862
15040	4,17724,78363	2,88750	15090	4,17868,92398	2,87793	15140	4,18012,58752	2,86843
15041	4,17727,67113	2,88730	15091	4,17871,80191	2,87774	15141	4,18015,45595	2,86823
15042	4,17730,55843	2,88712	15092	4,17874,67965	2,87755	15142	4,18018,32418	2,86805
15043	4,17733,44555	2,88693	15093	4,17877,55720	2,87737	15143	4,18021,19223	2,86787
15044	4,17736,33248	2,88673	15094	4,17880,43457	2,87717	15144	4,18024,06010	2,86767
15045	4,17739,21921	2,88654	15095	4,17883,31174	2,87698	15145	4,18026,92777	2,86748
15046	4,17742,10575	2,88635	15096	4,17886,18872	2,87678	15146	4,18029,79525	2,86729
15047	4,17744,99210	2,88615	15097	4,17889,06550	2,87660	15147	4,18032,66254	2,86710
15048	4,17747,87825	2,88597	15098	4,17891,94210	2,87641	15148	4,18035,52964	2,86692
15049	4,17750,76422	2,88577	15099	4,17894,81851	2,87622	15149	4,18038,39656	2,86672
15050	4,17753,64999	2,88558	15100	4,17897,69473	2,87603	15150	4,18041,26328	2,86654
								15151

Chilias 16.

Chilias 16.

Chilias 16.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
15151	4,18044,12982	2,86635	15201	4,18187,21590	2,85692	15251	4,18329,83211	2,84755
15152	4,18046,99617	2,86615	15202	4,18190,07282	2,85673	15252	4,18332,67966	2,84737
15153	4,18049,86232	2,86597	15203	4,18192,92955	2,85654	15253	4,18335,52703	2,84718
15154	4,18052,72829	2,86578	15204	4,18195,78609	2,85636	15254	4,18338,37421	2,84699
15155	4,18055,59407	2,86559	15205	4,18198,64245	2,85617	15255	4,18341,22120	2,84680
15156	4,18058,45966	2,86540	15206	4,18201,49862	2,85597	15256	4,18344,06800	2,84662
15157	4,18061,32506	2,86521	15207	4,18204,35459	2,85580	15257	4,18346,91462	2,84644
15158	4,18064,19027	2,86503	15208	4,18207,21039	2,85560	15258	4,18349,76106	2,84624
15159	4,18067,05530	2,86483	15209	4,18210,06599	2,85542	15259	4,18352,60730	2,84606
15160	4,18069,92013	2,86464	15210	4,18212,92141	2,85522	15260	4,18355,45336	2,84588
15161	4,18072,78477	2,86446	15211	4,18215,77663	2,85504	15261	4,18358,29924	2,84568
15162	4,18075,64923	2,86427	15212	4,18218,63167	2,85486	15262	4,18361,14492	2,84550
15163	4,18078,51350	2,86408	15213	4,18221,48653	2,85466	15263	4,18363,99042	2,84532
15164	4,18081,37758	2,86388	15214	4,18224,34119	2,85448	15264	4,18366,83574	2,84512
15165	4,18084,24146	2,86371	15215	4,18227,19567	2,85429	15265	4,18369,68086	2,84494
15166	4,18087,10517	2,86351	15216	4,18230,04996	2,85410	15266	4,18372,52580	2,84476
15167	4,18089,96868	2,86332	15217	4,18232,90406	2,85392	15267	4,18375,37056	2,84457
15168	4,18092,83200	2,86313	15218	4,18235,75798	2,85372	15268	4,18378,21513	2,84438
15169	4,18095,69513	2,86295	15219	4,18238,61170	2,85354	15269	4,18381,05951	2,84420
15170	4,18098,55808	2,86276	15220	4,18241,46524	2,85336	15270	4,18383,90371	2,84401
15171	4,18101,42084	2,86256	15221	4,18244,31860	2,85316	15271	4,18386,74772	2,84382
15172	4,18104,28340	2,86238	15222	4,18247,17176	2,85298	15272	4,18389,59154	2,84364
15173	4,18107,14578	2,86219	15223	4,18250,02474	2,85279	15273	4,18392,43518	2,84345
15174	4,18110,00797	2,86200	15224	4,18252,87753	2,85260	15274	4,18395,27863	2,84326
15175	4,18112,86997	2,86182	15225	4,18255,73013	2,85242	15275	4,18398,12189	2,84308
15176	4,18115,73179	2,86162	15226	4,18258,58255	2,85222	15276	4,18400,96497	2,84289
15177	4,18118,59341	2,86144	15227	4,18261,43477	2,85204	15277	4,18403,80786	2,84271
15178	4,18121,45485	2,86125	15228	4,18264,28681	2,85186	15278	4,18406,65057	2,84252
15179	4,18124,31610	2,86106	15229	4,18267,13867	2,85166	15279	4,18409,49309	2,84233
15180	4,18127,17716	2,86087	15230	4,18269,99033	2,85148	15280	4,18412,33542	2,84215
15181	4,18130,03803	2,86068	15231	4,18272,84181	2,85129	15281	4,18415,17757	2,84196
15182	4,18132,89871	2,86049	15232	4,18275,69310	2,85111	15282	4,18418,01953	2,84178
15183	4,18135,75920	2,86031	15233	4,18278,54421	2,85092	15283	4,18420,86131	2,84159
15184	4,18138,61951	2,86012	15234	4,18281,39513	2,85073	15284	4,18423,70290	2,84141
15185	4,18141,47963	2,85992	15235	4,18284,24586	2,85054	15285	4,18426,54431	2,84121
15186	4,18144,33955	2,85974	15236	4,18287,09640	2,85035	15286	4,18429,38552	2,84104
15187	4,18147,19929	2,85956	15237	4,18289,94675	2,85017	15287	4,18432,22656	2,84084
15188	4,18150,05885	2,85936	15238	4,18292,79692	2,84999	15288	4,18435,06740	2,84067
15189	4,18152,91821	2,85918	15239	4,18295,64691	2,84979	15289	4,18437,90807	2,84047
15190	4,18155,77739	2,85898	15240	4,18298,49670	2,84961	15290	4,18440,74854	2,84029
15191	4,18158,63637	2,85880	15241	4,18301,34631	2,84942	15291	4,18443,58883	2,84010
15192	4,18161,49517	2,85861	15242	4,18304,19573	2,84923	15292	4,18446,42893	2,83992
15193	4,18164,35378	2,85843	15243	4,18307,04496	2,84905	15293	4,18449,26885	2,83974
15194	4,18167,21221	2,85823	15244	4,18309,89401	2,84886	15294	4,18452,10859	2,83954
15195	4,18170,07044	2,85805	15245	4,18312,74287	2,84867	15295	4,18454,94813	2,83936
15196	4,18172,92849	2,85786	15246	4,18315,59154	2,84849	15296	4,18457,78749	2,83918
15197	4,18175,78635	2,85767	15247	4,18318,44003	2,84830	15297	4,18460,62667	2,83899
15198	4,18178,64402	2,85748	15248	4,18321,28833	2,84811	15298	4,18463,46566	2,83880
15199	4,18181,50150	2,85729	15249	4,18324,13644	2,84793	15299	4,18466,30446	2,83862
15200	4,18184,35879	2,85711	15250	4,18326,98437	2,84774	15300	4,18469,14308	2,83844

Chilias 16.

Chilias 16.

Chilias 16.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
15301	4,18471,98152	2,83824	15351	4,18613,66717	2,82900	15401	4,18754,89209	2,81982
15302	4,18474,81976	2,83807	15352	4,18616,49617	2,82882	15402	4,18757,71191	2,81963
15303	4,18477,65783	2,83787	15353	4,18619,32499	2,82864	15403	4,18760,53154	2,81946
15304	4,18480,49570	2,83769	15354	4,18622,15363	2,82845	15404	4,18763,35100	2,81927
15305	4,18483,33339	2,83751	15355	4,18624,98208	2,82826	15405	4,18766,17027	2,81908
15306	4,18486,17090	2,83732	15356	4,18627,81034	2,82809	15406	4,18768,98935	2,81891
15307	4,18489,00822	2,83714	15357	4,18630,63843	2,82790	15407	4,18771,80826	2,81872
15308	4,18491,84536	2,83695	15358	4,18633,46633	2,82771	15408	4,18774,62698	2,81854
15309	4,18494,68231	2,83676	15359	4,18636,29404	2,82753	15409	4,18777,44552	2,81835
15310	4,18497,51907	2,83658	15360	4,18639,12157	2,82735	15410	4,18780,26387	2,81817
15311	4,18500,35565	2,83639	15361	4,18641,94892	2,82716	15411	4,18783,08204	2,81799
15312	4,18503,19204	2,83621	15362	4,18644,77608	2,82698	15412	4,18785,90003	2,81781
15313	4,18506,02825	2,83603	15363	4,18647,60306	2,82679	15413	4,18788,71784	2,81762
15314	4,18508,86428	2,83583	15364	4,18650,42985	2,82661	15414	4,18791,53546	2,81745
15315	4,18511,70011	2,83566	15365	4,18653,25646	2,82643	15415	4,18794,35291	2,81725
15316	4,18514,53577	2,83547	15366	4,18656,08289	2,82624	15416	4,18797,17016	2,81708
15317	4,18517,37124	2,83528	15367	4,18658,90913	2,82606	15417	4,18799,98724	2,81689
15318	4,18520,20652	2,83510	15368	4,18661,73519	2,82587	15418	4,18802,80413	2,81671
15319	4,18523,04162	2,83491	15369	4,18664,56106	2,82569	15419	4,18805,62084	2,81653
15320	4,18525,87653	2,83473	15370	4,18667,38675	2,82551	15420	4,18808,43737	2,81635
15321	4,18528,71126	2,83454	15371	4,18670,21226	2,82532	15421	4,18811,25372	2,81616
15322	4,18531,54580	2,83436	15372	4,18673,03758	2,82514	15422	4,18814,06988	2,81598
15323	4,18534,38016	2,83417	15373	4,18675,86272	2,82495	15423	4,18816,88586	2,81580
15324	4,18537,21433	2,83399	15374	4,18678,68767	2,82477	15424	4,18819,70166	2,81561
15325	4,18540,04832	2,83380	15375	4,18681,51244	2,82459	15425	4,18822,51727	2,81543
15326	4,18542,88212	2,83362	15376	4,18684,33703	2,82441	15426	4,18825,33270	2,81525
15327	4,18545,71574	2,83343	15377	4,18687,16144	2,82422	15427	4,18828,14795	2,81507
15328	4,18548,54917	2,83325	15378	4,18689,98566	2,82403	15428	4,18830,96302	2,81488
15329	4,18551,38242	2,83307	15379	4,18692,80969	2,82386	15429	4,18833,77790	2,81471
15330	4,18554,21549	2,83287	15380	4,18695,63355	2,82367	15430	4,18836,59261	2,81452
15331	4,18557,04836	2,83270	15381	4,18698,45722	2,82348	15431	4,18839,40713	2,81433
15332	4,18559,88106	2,83251	15382	4,18701,28070	2,82330	15432	4,18842,22146	2,81416
15333	4,18562,71357	2,83232	15383	4,18704,10400	2,82312	15433	4,18845,03562	2,81397
15334	4,18565,54589	2,83214	15384	4,18706,92712	2,82294	15434	4,18847,84959	2,81379
15335	4,18568,37803	2,83196	15385	4,18709,75006	2,82275	15435	4,18850,66338	2,81361
15336	4,18571,20999	2,83177	15386	4,18712,57281	2,82257	15436	4,18853,47699	2,81343
15337	4,18574,04176	2,83158	15387	4,18715,39538	2,82238	15437	4,18856,29042	2,81324
15338	4,18576,87334	2,83140	15388	4,18718,21776	2,82221	15438	4,18859,10366	2,81306
15339	4,18579,70474	2,83122	15389	4,18721,03997	2,82201	15439	4,18861,91672	2,81288
15340	4,18582,53596	2,83103	15390	4,18723,86198	2,82184	15440	4,18864,72960	2,81270
15341	4,18585,36699	2,83085	15391	4,18726,68382	2,82165	15441	4,18867,54230	2,81251
15342	4,18588,19784	2,83066	15392	4,18729,50547	2,82147	15442	4,18870,35481	2,81233
15343	4,18591,02850	2,83048	15393	4,18732,32694	2,82128	15443	4,18873,16714	2,81216
15344	4,18593,85898	2,83030	15394	4,18735,14822	2,82110	15444	4,18875,97930	2,81196
15345	4,18596,68928	2,83011	15395	4,18737,96932	2,82092	15445	4,18878,79126	2,81179
15346	4,18599,51939	2,82992	15396	4,18740,79024	2,82074	15446	4,18881,60305	2,81160
15347	4,18602,34931	2,82974	15397	4,18743,61098	2,82055	15447	4,18884,41465	2,81143
15348	4,18605,17905	2,82956	15398	4,18746,43153	2,82037	15448	4,18887,22608	2,81124
15349	4,18608,00861	2,82937	15399	4,18749,25190	2,82018	15449	4,18890,03732	2,81106
15350	4,18610,83798	2,82919	15400	4,18752,07208	2,82001	15450	4,18892,84838	2,81087

Chilias 16.

Chilias 16.

Chilias 16.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
15451	4,18895,65925	2,81070	15501	4,19035,97163	2,80163	15551	4,19175,83214	2,79262
15452	4,18898,46995	2,81051	15502	4,19038,77326	2,80144	15552	4,19178,62476	2,79244
15453	4,18901,28046	2,81033	15503	4,19041,57470	2,80127	15553	4,19181,41720	2,79226
15454	4,18904,09079	2,81015	15504	4,19044,37597	2,80109	15554	4,19184,20946	2,79208
15455	4,18906,90094	2,80997	15505	4,19047,17706	2,80090	15555	4,19187,00154	2,79191
15456	4,18909,71091	2,80978	15506	4,19049,97796	2,80073	15556	4,19189,79345	2,79172
15457	4,18912,52069	2,80961	15507	4,19052,77869	2,80054	15557	4,19192,58517	2,79155
15458	4,18915,33030	2,80942	15508	4,19055,57923	2,80037	15558	4,19195,37672	2,79136
15459	4,18918,13972	2,80924	15509	4,19058,37960	2,80018	15559	4,19198,16808	2,79119
15460	4,18920,94896	2,80906	15510	4,19061,17978	2,80000	15560	4,19200,95927	2,79100
15461	4,18923,75802	2,80887	15511	4,19063,97978	2,79983	15561	4,19203,75027	2,79083
15462	4,18926,56689	2,80870	15512	4,19066,77961	2,79964	15562	4,19206,54110	2,79065
15463	4,18929,37559	2,80851	15513	4,19069,57925	2,79946	15563	4,19209,33175	2,79046
15464	4,18932,18410	2,80833	15514	4,19072,37871	2,79928	15564	4,19212,12221	2,79029
15465	4,18934,99243	2,80815	15515	4,19075,17799	2,79910	15565	4,19214,91250	2,79011
15466	4,18937,80058	2,80797	15516	4,19077,97709	2,79892	15566	4,19217,70261	2,78993
15467	4,18940,60855	2,80779	15517	4,19080,77601	2,79874	15567	4,19220,49254	2,78975
15468	4,18943,41634	2,80761	15518	4,19083,57475	2,79856	15568	4,19223,28229	2,78957
15469	4,18946,22395	2,80742	15519	4,19086,37331	2,79838	15569	4,19226,07186	2,78940
15470	4,18949,03137	2,80724	15520	4,19089,17169	2,79820	15570	4,19228,86126	2,78921
15471	4,18951,83861	2,80706	15521	4,19091,96989	2,79802	15571	4,19231,65047	2,78903
15472	4,18954,64567	2,80688	15522	4,19094,76791	2,79784	15572	4,19234,43950	2,78886
15473	4,18957,45255	2,80670	15523	4,19097,56575	2,79766	15573	4,19237,22836	2,78868
15474	4,18960,25925	2,80652	15524	4,19100,36341	2,79747	15574	4,19240,01704	2,78849
15475	4,18963,06577	2,80633	15525	4,19103,16088	2,79730	15575	4,19242,80553	2,78832
15476	4,18965,87210	2,80616	15526	4,19105,95818	2,79712	15576	4,19245,59385	2,78814
15477	4,18968,67826	2,80597	15527	4,19108,75530	2,79694	15577	4,19248,38199	2,78796
15478	4,18971,48423	2,80579	15528	4,19111,55224	2,79676	15578	4,19251,16995	2,78778
15479	4,18974,29002	2,80561	15529	4,19114,34900	2,79657	15579	4,19253,95773	2,78760
15480	4,18977,09563	2,80543	15530	4,19117,14557	2,79640	15580	4,19256,74533	2,78743
15481	4,18979,90106	2,80525	15531	4,19119,94197	2,79622	15581	4,19259,53276	2,78724
15482	4,18982,70631	2,80507	15532	4,19122,73819	2,79603	15582	4,19262,32000	2,78707
15483	4,18985,51138	2,80488	15533	4,19125,53422	2,79586	15583	4,19265,10707	2,78688
15484	4,18988,31626	2,80471	15534	4,19128,33008	2,79568	15584	4,19267,89395	2,78671
15485	4,18991,12097	2,80452	15535	4,19131,12576	2,79550	15585	4,19270,68066	2,78653
15486	4,18993,92549	2,80435	15536	4,19133,92126	2,79531	15586	4,19273,46719	2,78635
15487	4,18996,72984	2,80416	15537	4,19136,71657	2,79514	15587	4,19276,25354	2,78617
15488	4,18999,53400	2,80398	15538	4,19139,51171	2,79496	15588	4,19279,03971	2,78599
15489	4,19002,33798	2,80380	15539	4,19142,30667	2,79478	15589	4,19281,82570	2,78582
15490	4,19005,14178	2,80361	15540	4,19145,10145	2,79459	15590	4,19284,61152	2,78563
15491	4,19007,94539	2,80344	15541	4,19147,89604	2,79442	15591	4,19287,39715	2,78546
15492	4,19010,74883	2,80326	15542	4,19150,69046	2,79424	15592	4,19290,18261	2,78528
15493	4,19013,55209	2,80307	15543	4,19153,48470	2,79406	15593	4,19292,96789	2,78510
15494	4,19016,35516	2,80290	15544	4,19156,27876	2,79388	15594	4,19295,75299	2,78492
15495	4,19019,15806	2,80271	15545	4,19159,07264	2,79370	15595	4,19298,53791	2,78474
15496	4,19021,96077	2,80253	15546	4,19161,86634	2,79352	15596	4,19301,32265	2,78457
15497	4,19024,76330	2,80236	15547	4,19164,65986	2,79334	15597	4,19304,10722	2,78438
15498	4,19027,56566	2,80217	15548	4,19167,45320	2,79316	15598	4,19306,89160	2,78421
15499	4,19030,36783	2,80199	15549	4,19170,24636	2,79298	15599	4,19309,67581	2,78403
15500	4,19033,16982	2,80181	15550	4,19173,03934	2,79280	15600	4,19312,45984	2,78385
								15601

Chilias 16.

Chilias 16.

Chilias 16.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
15601	4,19315,24369	2,78367 2,78349 2,78331 2,78314 2,78296	15651	4,19454,20914	2,77478 2,77460 2,77443 2,77425 2,77406	15701	4,19592,73136	2,76594 2,76577 2,76559 2,76541 2,76524
15602	4,19318,02736		15652	4,19456,98392		15702	4,19595,49730	
15603	4,19320,81085		15653	4,19459,75852		15703	4,19598,26307	
15604	4,19323,59416		15654	4,19462,53295		15704	4,19601,02866	
15605	4,19326,37730		15655	4,19465,30720		15705	4,19603,79407	
15606	4,19329,16026	2,78278 2,78260 2,78242 2,78225 2,78206	15656	4,19468,08126	2,77390 2,77371 2,77354 2,77336 2,77319	15706	4,19606,55931	2,76506 2,76489 2,76471 2,76453 2,76436
15607	4,19331,94304		15657	4,19470,85516		15707	4,19609,32437	
15608	4,19334,72564		15658	4,19473,62887		15708	4,19612,08926	
15609	4,19337,50806		15659	4,19476,40241		15709	4,19614,85397	
15610	4,19340,29031		15660	4,19479,17577		15710	4,19617,61850	
15611	4,19343,07237	2,78189 2,78171 2,78153 2,78136 2,78117	15661	4,19481,94896	2,77300 2,77283 2,77266 2,77247 2,77230	15711	4,19620,38286	2,76418 2,76401 2,76383 2,76366 2,76347
15612	4,19345,85426		15662	4,19484,72196		15712	4,19623,14704	
15613	4,19348,63597		15663	4,19487,49479		15713	4,19625,91105	
15614	4,19351,41750		15664	4,19490,26745		15714	4,19628,67488	
15615	4,19354,19886		15665	4,19493,03992		15715	4,19631,43854	
15616	4,19356,98003	2,78100 2,78082 2,78064 2,78046 2,78029	15666	4,19495,81222	2,77212 2,77195 2,77177 2,77159 2,77141	15716	4,19634,20201	2,76331 2,76312 2,76295 2,76278 2,76260
15617	4,19359,76103		15667	4,19498,58434		15717	4,19636,96532	
15618	4,19362,54185		15668	4,19501,35629		15718	4,19639,72844	
15619	4,19365,32249		15669	4,19504,12806		15719	4,19642,49139	
15620	4,19368,10295		15670	4,19506,89965		15720	4,19645,25417	
15621	4,19370,88324	2,78011 2,77993 2,77975 2,77957 2,77940	15671	4,19509,67106	2,77124 2,77106 2,77088 2,77071 2,77053	15721	4,19648,01677	2,76242 2,76225 2,76207 2,76190 2,76172
15622	4,19373,66335		15672	4,19512,44230		15722	4,19650,77919	
15623	4,19376,44328		15673	4,19515,21336		15723	4,19653,54144	
15624	4,19379,22303		15674	4,19517,98424		15724	4,19656,30351	
15625	4,19382,00260		15675	4,19520,75495		15725	4,19659,06541	
15626	4,19384,78200	2,77922 2,77904 2,77886 2,77868 2,77851	15676	4,19523,52548	2,77035 2,77018 2,77000 2,76982 2,76965	15726	4,19661,82713	2,76155 2,76137 2,76119 2,76102 2,76085
15627	4,19387,56122		15677	4,19526,29583		15727	4,19664,58868	
15628	4,19390,34026		15678	4,19529,06601		15728	4,19667,35005	
15629	4,19393,11912		15679	4,19531,83601		15729	4,19670,11124	
15630	4,19395,89780		15680	4,19534,60583		15730	4,19672,87226	
15631	4,19398,67631	2,77833 2,77815 2,77797 2,77780 2,77762	15681	4,19537,37548	2,76947 2,76930 2,76911 2,76894 2,76877	15731	4,19675,63311	2,76066 2,76050 2,76031 2,76014 2,75997
15632	4,19401,45464		15682	4,19540,14495		15732	4,19678,39377	
15633	4,19404,23279		15683	4,19542,91425		15733	4,19681,15427	
15634	4,19407,01076		15684	4,19545,68336		15734	4,19683,91458	
15635	4,19409,78856		15685	4,19548,45230		15735	4,19686,67472	
15636	4,19412,56618	2,77744 2,77726 2,77708 2,77691 2,77673	15686	4,19551,22107	2,76858 2,76842 2,76823 2,76806 2,76788	15736	4,19689,43469	2,75979 2,75962 2,75944 2,75926 2,75909
15637	4,19415,34362		15687	4,19553,98965		15737	4,19692,19448	
15638	4,19418,12088		15688	4,19556,75807		15738	4,19694,95410	
15639	4,19420,89796		15689	4,19559,52630		15739	4,19697,71354	
15640	4,19423,67487		15690	4,19562,29436		15740	4,19700,47280	
15641	4,19426,45160	2,77656 2,77637 2,77620 2,77602 2,77584	15691	4,19565,06224	2,76771 2,76752 2,76736 2,76717 2,76700	15741	4,19703,23189	2,75892 2,75873 2,75857 2,75839 2,75821
15642	4,19429,22816		15692	4,19567,82995		15742	4,19705,99081	
15643	4,19432,00453		15693	4,19570,59747		15743	4,19708,74954	
15644	4,19434,78073		15694	4,19573,36483		15744	4,19711,50811	
15645	4,19437,55675		15695	4,19576,13200		15745	4,19714,26650	
15646	4,19440,33259	2,77567 2,77548 2,77531 2,77514 2,77495	15696	4,19578,89900	2,76683 2,76664 2,76648 2,76629 2,76612	15746	4,19717,02471	2,75804 2,75786 2,75769 2,75751 2,75734
15647	4,19443,10826		15697	4,19581,66583		15747	4,19719,78275	
15648	4,19445,88374		15698	4,19584,43247		15748	4,19722,54061	
15649	4,19448,65905		15699	4,19587,19895		15749	4,19725,29830	
15650	4,19451,43419		15700	4,19589,96524		15750	4,19728,05581	

Chilias 16.

Num.	Logarithmi	Differ.
15751	4,19730,81315	
15752	4,19733,57031	2,75716
15753	4,19736,32730	2,75699
15754	4,19739,08411	2,75681
15755	4,19741,84075	2,75664
15756	4,19744,59721	2,75646
15757	4,19747,35350	2,75629
15758	4,19750,10961	2,75611
15759	4,19752,86555	2,75594
15760	4,19755,62132	2,75577
15761	4,19758,37690	2,75558
15762	4,19761,13232	2,75542
15763	4,19763,88756	2,75524
15764	4,19766,64262	2,75506
15765	4,19769,39751	2,75489
15766	4,19772,15222	2,75471
15767	4,19774,90676	2,75454
15768	4,19777,66113	2,75437
15769	4,19780,41532	2,75419
15770	4,19783,16933	2,75401
15771	4,19785,92317	2,75384
15772	4,19788,67684	2,75367
15773	4,19791,43033	2,75349
15774	4,19794,18365	2,75332
15775	4,19796,93679	2,75314
15776	4,19799,68976	2,75297
15777	4,19802,44255	2,75279
15778	4,19805,19517	2,75262
15779	4,19807,94762	2,75245
15780	4,19810,69989	2,75227
15781	4,19813,45198	2,75209
15782	4,19816,20390	2,75192
15783	4,19818,95565	2,75175
15784	4,19821,70722	2,75157
15785	4,19824,45862	2,75140
15786	4,19827,20985	2,75123
15787	4,19829,96090	2,75105
15788	4,19832,71177	2,75087
15789	4,19835,46247	2,75070
15790	4,19838,21300	2,75053
15791	4,19840,96335	2,75035
15792	4,19843,71353	2,75018
15793	4,19846,46354	2,75001
15794	4,19849,21337	2,74983
15795	4,19851,96302	2,74965
15796	4,19854,71251	2,74949
15797	4,19857,46181	2,74930
15798	4,19860,21095	2,74914
15799	4,19862,95991	2,74896
15800	4,19865,70870	2,74879
		2,74861

Chilias 16.

Num.	Logarithmi	Differ.
15801	4,19868,45731	2,74844 2,74826 2,74809 2,74792 2,74774
15802	4,19871,20575	
15803	4,19873,95401	
15804	4,19876,70210	
15805	4,19879,45002	
15806	4,19882,19776	2,74757
15807	4,19884,94533	2,74739
15808	4,19887,69272	2,74723
15809	4,19890,43995	2,74704
15810	4,19893,18699	2,74688
15811	4,19895,93387	2,74670 2,74652 2,74636 2,74618 2,74600
15812	4,19898,68057	
15813	4,19901,42709	
15814	4,19904,17345	
15815	4,19906,91963	
15816	4,19909,66563	2,74583
15817	4,19912,41146	2,74566
15818	4,19915,15712	2,74549
15819	4,19917,90261	2,74531
15820	4,19920,64792	2,74513
15821	4,19923,39305	2,74497
15822	4,19926,13802	2,74479
15823	4,19928,88281	2,74462
15824	4,19931,62743	2,74444
15825	4,19934,37187	2,74427
15826	4,19937,11614	2,74410
15827	4,19939,86024	2,74392
15828	4,19942,60416	2,74375
15829	4,19945,34791	2,74358
15830	4,19948,09149	2,74340
15831	4,19950,83489	2,74323
15832	4,19953,57812	2,74306
15833	4,19956,32118	2,74288
15834	4,19959,06406	2,74271
15835	4,19961,80677	2,74254
15836	4,19964,54931	2,74236
15837	4,19967,29167	2,74219
15838	4,19970,03386	2,74202
15839	4,19972,77588	2,74185
15840	4,19975,51773	2,74167
15841	4,19978,25940	2,74150
15842	4,19981,00090	2,74132
15843	4,19983,74222	2,74115
15844	4,19986,48337	2,74098
15845	4,19989,22435	2,74081
15846	4,19991,96516	2,74063
15847	4,19994,70579	2,74046
15848	4,19997,44625	2,74029
15849	4,20000,18654	2,74012
15850	4,20002,92666	2,73994

Chilias 16.

Num.	Logarithmi	Differ.
15851	4,20005,66660	2,73977 2,73959 2,73943 2,73925 2,73907
15852	4,20008,40637	
15853	4,20011,14596	
15854	4,20013,88539	
15855	4,20016,62464	
15856	4,20019,36371	2,73891 2,73875
15857	4,20022,10262	
15858	4,20024,84135	2,73856 2,73839
15859	4,20027,57991	
15860	4,20030,31830	2,73821 2,73804
15861	4,20033,05651	
15862	4,20035,79455	2,73787 2,73770
15863	4,20038,53242	
15864	4,20041,27012	2,73752 2,73736
15865	4,20044,00764	
15866	4,20046,74500	2,73717 2,73701
15867	4,20049,48217	
15868	4,20052,21918	2,73683 2,73667
15869	4,20054,95601	
15870	4,20057,69268	2,73648 2,73632
15871	4,20060,42916	
15872	4,20063,16548	2,73615 2,73597
15873	4,20065,90163	
15874	4,20068,63760	2,73580 2,73562
15875	4,20071,37340	
15876	4,20074,10902	2,73546 2,73528
15877	4,20076,84448	
15878	4,20079,57976	2,73511 2,73494
15879	4,20082,31487	
15880	4,20085,04981	2,73476 2,73460
15881	4,20087,78457	
15882	4,20090,51917	2,73442 2,73425
15883	4,20093,25359	
15884	4,20095,98784	2,73408 2,73390
15885	4,20098,72192	
15886	4,20101,45582	2,73373 2,73357
15887	4,20104,18955	
15888	4,20106,92312	2,73338 2,73322
15889	4,20109,65650	
15890	4,20112,38972	2,73305 2,73287
15891	4,20115,12277	
15892	4,20117,85564	2,73270 2,73253
15893	4,20120,58834	
15894	4,20123,32087	2,73236 2,73218
15895	4,20126,05323	
15896	4,20128,78541	2,73201 2,73184
15897	4,20131,51742	
15898	4,20134,24926	2,73167 2,73150
15899	4,20136,98093	
15900	4,20139,71243	2,73133

Chilias 16.

Chilias 16.

Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
15901	4,20142,44376	2,73115 2,73098 2,73082 2,73063 2,73047	15951	4,20278,79150	2,72260 2,72242 2,72225 2,72208 2,72191	16001	4,20414,71252	2,71409 2,71391 2,71375 2,71358 2,71341
15902	4,20145,17491		15952	4,20281,51410		16002	4,20417,42661	
15903	4,20147,90589		15953	4,20284,23652		16003	4,20420,14052	
15904	4,20150,63671		15954	4,20286,95877		16004	4,20422,85427	
15905	4,20153,36734		15955	4,20289,68085		16005	4,20425,56785	
15906	4,20156,09781	2,73030 2,73012 2,72995 2,72978 2,72961	15956	4,20292,40276	2,72174 2,72157 2,72140 2,72123 2,72106	16006	4,20428,28126	2,71323 2,71307 2,71290 2,71273 2,71256
15907	4,20158,82811		15957	4,20295,12450		16007	4,20430,99449	
15908	4,20161,55823		15958	4,20297,84607		16008	4,20433,70756	
15909	4,20164,28818		15959	4,20300,56747		16009	4,20436,42046	
15910	4,20167,01796		15960	4,20303,28870		16010	4,20439,13319	
15911	4,20169,74757	2,72944 2,72927 2,72909 2,72893 2,72875	15961	4,20306,00976	2,72089 2,72071 2,72055 2,72038 2,72020	16011	4,20441,84575	2,71239 2,71222 2,71206 2,71188 2,71171
15912	4,20172,47701		15962	4,20308,73065		16012	4,20444,55814	
15913	4,20175,20628		15963	4,20311,45136		16013	4,20447,27036	
15914	4,20177,93537		15964	4,20314,17191		16014	4,20449,98242	
15915	4,20180,66430		15965	4,20316,89229		16015	4,20452,69430	
15916	4,20183,39305	2,72858 2,72841 2,72823 2,72807 2,72789	15966	4,20319,61249	2,72004 2,71986 2,71970 2,71952 2,71936	16016	4,20455,40601	2,71155 2,71137 2,71121 2,71103 2,71087
15917	4,20186,12163		15967	4,20322,33253		16017	4,20458,11756	
15918	4,20188,85004		15968	4,20325,05239		16018	4,20460,82893	
15919	4,20191,57827		15969	4,20327,77209		16019	4,20463,54014	
15920	4,20194,30634		15970	4,20330,49161		16020	4,20466,25117	
15921	4,20197,03423	2,72773 2,72755 2,72738 2,72721 2,72704	15971	4,20333,21097	2,71918 2,71902 2,71884 2,71867 2,71851	16021	4,20468,96204	2,71070 2,71053 2,71036 2,71019 2,71002
15922	4,20199,76196		15972	4,20335,93015		16022	4,20471,67274	
15923	4,20202,48951		15973	4,20338,64917		16023	4,20474,38327	
15924	4,20205,21689		15974	4,20341,36801		16024	4,20477,09363	
15925	4,20207,94410		15975	4,20344,08668		16025	4,20479,80382	
15926	4,20210,67114	2,72687 2,72669 2,72653 2,72635 2,72618	15976	4,20346,80519	2,71833 2,71816 2,71800 2,71782 2,71765	16026	4,20482,51384	2,70985 2,70969 2,70951 2,70935 2,70917
15927	4,20213,39801		15977	4,20349,52352		16027	4,20485,22369	
15928	4,20216,12470		15978	4,20352,24168		16028	4,20487,93338	
15929	4,20218,85123		15979	4,20354,95968		16029	4,20490,64289	
15930	4,20221,57758		15980	4,20357,67750		16030	4,20493,35224	
15931	4,20224,30376	2,72601 2,72584 2,72567 2,72550 2,72533	15981	4,20360,39515	2,71748 2,71732 2,71714 2,71697 2,71680	16031	4,20496,06141	2,70901 2,70884 2,70867 2,70850 2,70833
15932	4,20227,02977		15982	4,20363,11263		16032	4,20498,77042	
15933	4,20229,75561		15983	4,20365,82995		16033	4,20501,47926	
15934	4,20232,48128		15984	4,20368,54709		16034	4,20504,18793	
15935	4,20235,20678		15985	4,20371,26406		16035	4,20506,89643	
15936	4,20237,93211	2,72515 2,72499 2,72481 2,72465 2,72447	15986	4,20373,98086	2,71664 2,71646 2,71629 2,71612 2,71596	16036	4,20509,60476	2,70816 2,70799 2,70783 2,70765 2,70749
15937	4,20240,65726		15987	4,20376,69750		16037	4,20512,31292	
15938	4,20243,38225		15988	4,20379,41396		16038	4,20515,02091	
15939	4,20246,10706		15989	4,20382,13025		16039	4,20517,72874	
15940	4,20248,83171		15990	4,20384,84637		16040	4,20520,43639	
15941	4,20251,55618	2,72430 2,72413 2,72396 2,72379 2,72362	15991	4,20387,56233	2,71578 2,71561 2,71545 2,71527 2,71511	16041	4,20523,14388	2,70732 2,70715 2,70698 2,70681 2,70665
15942	4,20254,28048		15992	4,20390,27811		16042	4,20525,85120	
15943	4,20257,00461		15993	4,20392,99372		16043	4,20528,55835	
15944	4,20259,72857		15994	4,20395,70917		16044	4,20531,26533	
15945	4,20262,45236		15995	4,20398,42444		16045	4,20533,97214	
15946	4,20265,17598	2,72344 2,72328 2,72310 2,72294 2,72276	15996	4,20401,13955	2,71493 2,71477 2,71459 2,71443 2,71425	16046	4,20536,67879	2,70647 2,70631 2,70614 2,70596 2,70580
15947	4,20267,89942		15997	4,20403,85448		16047	4,20539,38526	
15948	4,20270,62270		15998	4,20406,56925		16048	4,20542,09157	
15949	4,20273,34580		15999	4,20409,28384		16049	4,20544,79771	
15950	4,20276,06874		16000	4,20411,99827		16050	4,20547,50367	

16051

Chilias 17.

Chilias 17.

Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16051	4,20550,20947	2,70564 2,70546 2,70529 2,70513 2,70496	16101	4,20685,28500	2,69723 2,69706 2,69690 2,69673 2,69656	16151	4,20819,94171	2,68888 2,68872 2,68854 2,68839 2,68821
16052	4,20552,91511		16102	4,20687,98223		16152	4,20822,63059	
16053	4,20555,62057		16103	4,20690,67929		16153	4,20825,31931	
16054	4,20558,32586		16104	4,20693,37619		16154	4,20828,00785	
16055	4,20561,03099		16105	4,20696,07292		16155	4,20830,69624	
16056	4,20563,73595	2,70479 2,70462 2,70445 2,70428 2,70412	16106	4,20698,76948	2,69639 2,69622 2,69606 2,69589 2,69573	16156	4,20833,38445	2,68805 2,68788 2,68771 2,68755 2,68739
16057	4,20566,44074		16107	4,20701,46587		16157	4,20836,07250	
16058	4,20569,14536		16108	4,20704,16209		16158	4,20838,76038	
16059	4,20571,84981		16109	4,20706,85815		16159	4,20841,44809	
16060	4,20574,55409		16110	4,20709,55404		16160	4,20844,13564	
16061	4,20577,25821	2,70395 2,70378 2,70361 2,70344 2,70327	16111	4,20712,24977	2,69555 2,69539 2,69522 2,69505 2,69489	16161	4,20846,82303	2,68721 2,68705 2,68689 2,68671 2,68656
16062	4,20579,96216		16112	4,20714,94532		16162	4,20849,51024	
16063	4,20582,66594		16113	4,20717,64071		16163	4,20852,19729	
16064	4,20585,36955		16114	4,20720,33593		16164	4,20854,88418	
16065	4,20588,07299		16115	4,20723,03098		16165	4,20857,57089	
16066	4,20590,77626	2,70311 2,70294 2,70277 2,70260 2,70243	16116	4,20725,72587	2,69472 2,69455 2,69439 2,69422 2,69405	16166	4,20860,25745	2,68638 2,68622 2,68605 2,68589 2,68572
16067	4,20593,47937		16117	4,20728,42059		16167	4,20862,94383	
16068	4,20596,18231		16118	4,20731,11514		16168	4,20865,63005	
16069	4,20598,88508		16119	4,20733,80953		16169	4,20868,31610	
16070	4,20601,58768		16120	4,20736,50375		16170	4,20871,00199	
16071	4,20604,29011	2,70226 2,70210 2,70193 2,70176 2,70159	16121	4,20739,19780	2,69388 2,69372 2,69355 2,69338 2,69322	16171	4,20873,68771	2,68556 2,68538 2,68523 2,68505 2,68489
16072	4,20606,99237		16122	4,20741,89168		16172	4,20876,37327	
16073	4,20609,69447		16123	4,20744,58540		16173	4,20879,05865	
16074	4,20612,39640		16124	4,20747,27895		16174	4,20881,74388	
16075	4,20615,09816		16125	4,20749,97233		16175	4,20884,42893	
16076	4,20617,79975	2,70143 2,70125 2,70109 2,70092 2,70075	16126	4,20752,66555	2,69304 2,69289 2,69271 2,69255 2,69238	16176	4,20887,11382	2,68473 2,68456 2,68439 2,68423 2,68406
16077	4,20620,50118		16127	4,20755,35859		16177	4,20889,79855	
16078	4,20623,20243		16128	4,20758,05148		16178	4,20892,48311	
16079	4,20625,90352		16129	4,20760,74419		16179	4,20895,16750	
16080	4,20628,60444		16130	4,20763,43674		16180	4,20897,85173	
16081	4,20631,30519	2,70059 2,70041 2,70025 2,70008 2,69992	16131	4,20766,12912	2,69221 2,69205 2,69188 2,69171 2,69155	16181	4,20900,53579	2,68389 2,68373 2,68357 2,68339 2,68324
16082	4,20634,00578		16132	4,20768,82133		16182	4,20903,21968	
16083	4,20636,70619		16133	4,20771,51338		16183	4,20905,90341	
16084	4,20639,40644		16134	4,20774,20526		16184	4,20908,58698	
16085	4,20642,10652		16135	4,20776,89697		16185	4,20911,27037	
16086	4,20644,80644	2,69974 2,69958 2,69941 2,69924 2,69907	16136	4,20779,58852	2,69138 2,69121 2,69105 2,69088 2,69071	16186	4,20913,95361	2,68306 2,68290 2,68274 2,68257 2,68240
16087	4,20647,50618		16137	4,20782,27990		16187	4,20916,63667	
16088	4,20650,20576		16138	4,20784,97111		16188	4,20919,31957	
16089	4,20652,90517		16139	4,20787,66216		16189	4,20922,00231	
16090	4,20655,60441		16140	4,20790,35304		16190	4,20924,68488	
16091	4,20658,30348	2,69891 2,69874 2,69857 2,69840 2,69824	16141	4,20793,04375	2,69055 2,69038 2,69021 2,69005 2,68987	16191	4,20927,36728	2,68224 2,68207 2,68190 2,68174 2,68158
16092	4,20661,00239		16142	4,20795,73430		16192	4,20930,04952	
16093	4,20663,70113		16143	4,20798,42468		16193	4,20932,73159	
16094	4,20666,39970		16144	4,20801,11489		16194	4,20935,41349	
16095	4,20669,09810		16145	4,20803,80494		16195	4,20938,09523	
16096	4,20671,79634	2,69807 2,69790 2,69773 2,69756 2,69740	16146	4,20806,49481	2,68972 2,68954 2,68938 2,68922 2,68904	16196	4,20940,77681	2,68141 2,68124 2,68108 2,68091 2,68075
16097	4,20674,49441		16147	4,20809,18453		16197	4,20943,45822	
16098	4,20677,19231		16148	4,20811,87407		16198	4,20946,13946	
16099	4,20679,89004		16149	4,20814,56345		16199	4,20948,82054	
16100	4,20682,58760		16150	4,20817,25267		16200	4,20951,50145	

16201

Chilias 17.

Chilias 17.

Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16201	4,20954,18220	2,68058	16251	4,21088,00903	2,67234	16301	4,21221,42474	2,66414
16202	4,20956,86278	2,68042	16252	4,21090,68137	2,67217	16302	4,21224,08888	2,66397
16203	4,20959,54320	2,68025	16253	4,21093,35354	2,67200	16303	4,21226,75285	2,66382
16204	4,20962,22345	2,68009	16254	4,21096,02554	2,67184	16304	4,21229,41667	2,66364
16205	4,20964,90354	2,67992	16255	4,21098,69738	2,67168	16305	4,21232,08031	2,66349
16206	4,20967,58346	2,67975	16256	4,21101,36906	2,67151	16306	4,21234,74380	2,66332
16207	4,20970,26321	2,67959	16257	4,21104,04057	2,67135	16307	4,21237,40712	2,66316
16208	4,20972,94280	2,67943	16258	4,21106,71192	2,67119	16308	4,21240,07028	2,66299
16209	4,20975,62223	2,67925	16259	4,21109,38311	2,67102	16309	4,21242,73327	2,66283
16210	4,20978,30148	2,67910	16260	4,21112,05413	2,67085	16310	4,21245,39610	2,66267
16211	4,20980,98058	2,67893	16261	4,21114,72498	2,67069	16311	4,21248,05877	2,66251
16212	4,20983,65951	2,67876	16262	4,21117,39567	2,67053	16312	4,21250,72128	2,66234
16213	4,20986,33827	2,67860	16263	4,21120,06620	2,67036	16313	4,21253,38362	2,66218
16214	4,20989,01687	2,67843	16264	4,21122,73656	2,67020	16314	4,21256,04580	2,66201
16215	4,20991,69530	2,67827	16265	4,21125,40676	2,67004	16315	4,21258,70781	2,66185
16216	4,20994,37357	2,67810	16266	4,21128,07680	2,66987	16316	4,21261,36966	2,66169
16217	4,20997,05167	2,67794	16267	4,21130,74667	2,66970	16317	4,21264,03135	2,66153
16218	4,20999,72961	2,67777	16268	4,21133,41637	2,66955	16318	4,21266,69288	2,66136
16219	4,21002,40738	2,67761	16269	4,21136,08592	2,66937	16319	4,21269,35424	2,66120
16220	4,21005,08499	2,67744	16270	4,21138,75529	2,66922	16320	4,21272,01544	2,66104
16221	4,21007,76243	2,67728	16271	4,21141,42451	2,66905	16321	4,21274,67648	2,66087
16222	4,21010,43971	2,67711	16272	4,21144,09356	2,66888	16322	4,21277,33735	2,66071
16223	4,21013,11682	2,67695	16273	4,21146,76244	2,66873	16323	4,21279,99806	2,66055
16224	4,21015,79377	2,67678	16274	4,21149,43117	2,66855	16324	4,21282,65861	2,66038
16225	4,21018,47055	2,67661	16275	4,21152,09972	2,66840	16325	4,21285,31899	2,66023
16226	4,21021,14716	2,67646	16276	4,21154,76812	2,66823	16326	4,21287,97922	2,66006
16227	4,21023,82362	2,67628	16277	4,21157,43635	2,66806	16327	4,21290,63928	2,65989
16228	4,21026,49990	2,67613	16278	4,21160,10441	2,66791	16328	4,21293,29917	2,65973
16229	4,21029,17603	2,67595	16279	4,21162,77232	2,66774	16329	4,21295,95890	2,65957
16230	4,21031,85198	2,67580	16280	4,21165,44006	2,66757	16330	4,21298,61847	2,65941
16231	4,21034,52778	2,67562	16281	4,21168,10763	2,66741	16331	4,21301,27788	2,65925
16232	4,21037,20340	2,67547	16282	4,21170,77504	2,66725	16332	4,21303,93713	2,65908
16233	4,21039,87887	2,67529	16283	4,21173,44229	2,66708	16333	4,21306,59621	2,65892
16234	4,21042,55416	2,67514	16284	4,21176,10937	2,66692	16334	4,21309,25513	2,65875
16235	4,21045,22930	2,67496	16285	4,21178,77629	2,66676	16335	4,21311,91388	2,65859
16236	4,21047,90426	2,67481	16286	4,21181,44305	2,66659	16336	4,21314,57247	2,65843
16237	4,21050,57907	2,67464	16287	4,21184,10964	2,66643	16337	4,21317,23090	2,65827
16238	4,21053,25371	2,67447	16288	4,21186,77607	2,66626	16338	4,21319,88917	2,65811
16239	4,21055,92818	2,67431	16289	4,21189,44233	2,66610	16339	4,21322,54728	2,65794
16240	4,21058,60249	2,67415	16290	4,21192,10843	2,66594	16340	4,21325,20522	2,65778
16241	4,21061,27664	2,67398	16291	4,21194,77437	2,66577	16341	4,21327,86300	2,65762
16242	4,21063,95062	2,67381	16292	4,21197,44014	2,66561	16342	4,21330,52062	2,65745
16243	4,21066,62443	2,67365	16293	4,21200,10575	2,66545	16343	4,21333,17807	2,65729
16244	4,21069,29808	2,67349	16294	4,21202,77120	2,66528	16344	4,21335,83536	2,65713
16245	4,21071,97157	2,67332	16295	4,21205,43648	2,66512	16345	4,21338,49249	2,65697
16246	4,21074,64489	2,67316	16296	4,21208,10160	2,66495	16346	4,21341,14946	2,65680
16247	4,21077,31805	2,67299	16297	4,21210,76655	2,66480	16347	4,21343,80626	2,65664
16248	4,21079,99104	2,67283	16298	4,21213,43135	2,66463	16348	4,21346,46290	2,65648
16249	4,21082,66387	2,67266	16299	4,21216,09598	2,66446	16349	4,21349,11938	2,65632
16250	4,21085,33653	2,67250	16300	4,21218,76044	2,66430	16350	4,21351,77570	2,65615

16351

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Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16351	4,21354,43185	2,65600	16401	4,21487,03286	2,64790	16451	4,21619,23024	2,63984
16352	4,21357,08785	2,65582	16402	4,21489,68076	2,64773	16452	4,21621,87008	2,63969
16353	4,21359,74367	2,65567	16403	4,21492,32849	2,64757	16453	4,21624,50977	2,63953
16354	4,21362,39934	2,65551	16404	4,21494,97606	2,64741	16454	4,21627,14930	2,63936
16355	4,21365,05485	2,65534	16405	4,21497,62347	2,64725	16455	4,21629,78866	2,63921
16356	4,21367,71019	2,65518	16406	4,21500,27072	2,64709	16456	4,21632,42787	2,63904
16357	4,21370,36537	2,65502	16407	4,21502,91781	2,64693	16457	4,21635,06691	2,63889
16358	4,21373,02039	2,65485	16408	4,21505,56474	2,64676	16458	4,21637,70580	2,63872
16359	4,21375,67524	2,65469	16409	4,21508,21150	2,64661	16459	4,21640,34452	2,63857
16360	4,21378,32993	2,65453	16410	4,21510,85811	2,64644	16460	4,21642,98309	2,63840
16361	4,21380,98446	2,65437	16411	4,21513,50455	2,64628	16461	4,21645,62149	2,63825
16362	4,21383,63883	2,65421	16412	4,21516,15083	2,64612	16462	4,21648,25974	2,63808
16363	4,21386,29304	2,65404	16413	4,21518,79695	2,64596	16463	4,21650,89782	2,63792
16364	4,21388,94708	2,65388	16414	4,21521,44291	2,64580	16464	4,21653,53574	2,63776
16365	4,21391,60096	2,65372	16415	4,21524,08871	2,64563	16465	4,21656,17350	2,63761
16366	4,21394,25468	2,65356	16416	4,21526,73434	2,64548	16466	4,21658,81111	2,63744
16367	4,21396,90824	2,65340	16417	4,21529,37982	2,64531	16467	4,21661,44855	2,63728
16368	4,21399,56164	2,65323	16418	4,21532,02513	2,64516	16468	4,21664,08583	2,63712
16369	4,21402,21487	2,65307	16419	4,21534,67029	2,64499	16469	4,21666,72295	2,63697
16370	4,21404,86794	2,65291	16420	4,21537,31528	2,64483	16470	4,21669,35992	2,63680
16371	4,21407,52085	2,65275	16421	4,21539,96011	2,64467	16471	4,21671,99672	2,63664
16372	4,21410,17360	2,65258	16422	4,21542,60478	2,64451	16472	4,21674,63336	2,63648
16373	4,21412,82618	2,65243	16423	4,21545,24929	2,64435	16473	4,21677,26984	2,63632
16374	4,21415,47861	2,65226	16424	4,21547,89364	2,64418	16474	4,21679,90616	2,63617
16375	4,21418,13087	2,65210	16425	4,21550,53782	2,64403	16475	4,21682,54233	2,63600
16376	4,21420,78297	2,65193	16426	4,21553,18185	2,64386	16476	4,21685,17833	2,63584
16377	4,21423,43490	2,65178	16427	4,21555,82571	2,64371	16477	4,21687,81417	2,63568
16378	4,21426,08668	2,65161	16428	4,21558,46942	2,64354	16478	4,21690,44985	2,63552
16379	4,21428,73829	2,65145	16429	4,21561,11296	2,64338	16479	4,21693,08537	2,63537
16380	4,21431,38974	2,65129	16430	4,21563,75634	2,64322	16480	4,21695,72074	2,63520
16381	4,21434,04103	2,65113	16431	4,21566,39956	2,64307	16481	4,21698,35594	2,63504
16382	4,21436,69216	2,65097	16432	4,21569,04263	2,64289	16482	4,21700,99098	2,63488
16383	4,21439,34313	2,65080	16433	4,21571,68552	2,64274	16483	4,21703,62586	2,63473
16384	4,21441,99393	2,65064	16434	4,21574,32826	2,64258	16484	4,21706,26059	2,63456
16385	4,21444,64457	2,65048	16435	4,21576,97084	2,64242	16485	4,21708,89515	2,63440
16386	4,21447,29505	2,65032	16436	4,21579,61326	2,64226	16486	4,21711,52955	2,63424
16387	4,21449,94537	2,65016	16437	4,21582,25552	2,64209	16487	4,21714,16379	2,63409
16388	4,21452,59553	2,64999	16438	4,21584,89761	2,64194	16488	4,21716,79788	2,63392
16389	4,21455,24552	2,64984	16439	4,21587,53955	2,64177	16489	4,21719,43180	2,63376
16390	4,21457,89536	2,64967	16440	4,21590,18132	2,64161	16490	4,21722,06556	2,63361
16391	4,21460,54503	2,64951	16441	4,21592,82293	2,64146	16491	4,21724,69917	2,63344
16392	4,21463,19454	2,64935	16442	4,21595,46439	2,64129	16492	4,21727,33261	2,63329
16393	4,21465,84389	2,64919	16443	4,21598,10568	2,64113	16493	4,21729,96590	2,63312
16394	4,21468,49308	2,64902	16444	4,21600,74681	2,64097	16494	4,21732,59902	2,63297
16395	4,21471,14210	2,64886	16445	4,21603,38778	2,64081	16495	4,21735,23199	2,63280
16396	4,21473,79096	2,64871	16446	4,21606,02859	2,64065	16496	4,21737,86479	2,63265
16397	4,21476,43967	2,64854	16447	4,21608,66924	2,64049	16497	4,21740,49744	2,63249
16398	4,21479,08821	2,64838	16448	4,21611,30973	2,64033	16498	4,21743,12993	2,63232
16399	4,21481,73659	2,64821	16449	4,21613,95006	2,64017	16499	4,21745,76225	2,63217
16400	4,21484,38480	2,64806	16450	4,21616,59023	2,64001	16500	4,21748,39442	2,63201

Chilias 17.

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Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16501	4,21751,02643	2,63185	16551	4,21882,42387	2,62390	16601	4,22013,42496	2,61599
16502	4,21753,65828	2,63169	16552	4,21885,04777	2,62374	16602	4,22016,04095	2,61584
16503	4,21756,28997	2,63153	16553	4,21887,67151	2,62358	16603	4,22018,65679	2,61568
16504	4,21758,92150	2,63137	16554	4,21890,29509	2,62342	16604	4,22021,27247	2,61552
16505	4,21761,55287	2,63121	16555	4,21892,91851	2,62326	16605	4,22023,88799	2,61537
16506	4,21764,18408	2,63105	16556	4,21895,54177	2,62311	16606	4,22026,50336	2,61521
16507	4,21766,81513	2,63089	16557	4,21898,16488	2,62295	16607	4,22029,11857	2,61505
16508	4,21769,44602	2,63073	16558	4,21900,78783	2,62278	16608	4,22031,73362	2,61489
16509	4,21772,07675	2,63058	16559	4,21903,41061	2,62263	16609	4,22034,34851	2,61474
16510	4,21774,70733	2,63041	16560	4,21906,03324	2,62248	16610	4,22036,96325	2,61457
16511	4,21777,33774	2,63025	16561	4,21908,65572	2,62231	16611	4,22039,57782	2,61442
16512	4,21779,96799	2,63010	16562	4,21911,27803	2,62216	16612	4,22042,19224	2,61427
16513	4,21782,59809	2,62994	16563	4,21913,90019	2,62199	16613	4,22044,80651	2,61410
16514	4,21785,22803	2,62977	16564	4,21916,52218	2,62184	16614	4,22047,42061	2,61395
16515	4,21787,85780	2,62962	16565	4,21919,14402	2,62168	16615	4,22050,03456	2,61379
16516	4,21790,48742	2,62946	16566	4,21921,76570	2,62152	16616	4,22052,64835	2,61364
16517	4,21793,11688	2,62930	16567	4,21924,38722	2,62137	16617	4,22055,26199	2,61347
16518	4,21795,74618	2,62914	16568	4,21927,00859	2,62120	16618	4,22057,87546	2,61332
16519	4,21798,37532	2,62898	16569	4,21929,62979	2,62105	16619	4,22060,48878	2,61316
16520	4,21801,00430	2,62882	16570	4,21932,25084	2,62089	16620	4,22063,10194	2,61301
16521	4,21803,63312	2,62866	16571	4,21934,87173	2,62073	16621	4,22065,71495	2,61285
16522	4,21806,26178	2,62851	16572	4,21937,49246	2,62058	16622	4,22068,32780	2,61269
16523	4,21808,89029	2,62834	16573	4,21940,11304	2,62041	16623	4,22070,94049	2,61253
16524	4,21811,51863	2,62819	16574	4,21942,73345	2,62026	16624	4,22073,55302	2,61238
16525	4,21814,14682	2,62802	16575	4,21945,35371	2,62010	16625	4,22076,16540	2,61222
16526	4,21816,77484	2,62787	16576	4,21947,97381	2,61994	16626	4,22078,77762	2,61206
16527	4,21819,40271	2,62771	16577	4,21950,59375	2,61978	16627	4,22081,38968	2,61190
16528	4,21822,03042	2,62755	16578	4,21953,21353	2,61962	16628	4,22084,00158	2,61175
16529	4,21824,65797	2,62739	16579	4,21955,83315	2,61947	16629	4,22086,61333	2,61159
16530	4,21827,28536	2,62723	16580	4,21958,45262	2,61931	16630	4,22089,22492	2,61144
16531	4,21829,91259	2,62707	16581	4,21961,07193	2,61915	16631	4,22091,83636	2,61127
16532	4,21832,53966	2,62691	16582	4,21963,69108	2,61899	16632	4,22094,44763	2,61112
16533	4,21835,16657	2,62676	16583	4,21966,31007	2,61884	16633	4,22097,05875	2,61096
16534	4,21837,79333	2,62659	16584	4,21968,92891	2,61868	16634	4,22099,66971	2,61081
16535	4,21840,41992	2,62644	16585	4,21971,54759	2,61851	16635	4,22102,28052	2,61065
16536	4,21843,04636	2,62628	16586	4,21974,16610	2,61837	16636	4,22104,89117	2,61049
16537	4,21845,67264	2,62612	16587	4,21976,78447	2,61820	16637	4,22107,50166	2,61034
16538	4,21848,29876	2,62596	16588	4,21979,40267	2,61804	16638	4,22110,11200	2,61017
16539	4,21850,92472	2,62580	16589	4,21982,02071	2,61789	16639	4,22112,72217	2,61003
16540	4,21853,55052	2,62564	16590	4,21984,63860	2,61773	16640	4,22115,33220	2,60986
16541	4,21856,17616	2,62549	16591	4,21987,25633	2,61757	16641	4,22117,94206	2,60971
16542	4,21858,80165	2,62532	16592	4,21989,87390	2,61742	16642	4,22120,55177	2,60955
16543	4,21861,42697	2,62517	16593	4,21992,49132	2,61726	16643	4,22123,16132	2,60939
16544	4,21864,05214	2,62501	16594	4,21995,10858	2,61709	16644	4,22125,77071	2,60924
16545	4,21866,67715	2,62485	16595	4,21997,72567	2,61695	16645	4,22128,37995	2,60908
16546	4,21869,30200	2,62469	16596	4,22000,34262	2,61678	16646	4,22130,98903	2,60892
16547	4,21871,92669	2,62453	16597	4,22002,95940	2,61663	16647	4,22133,59795	2,60877
16548	4,21874,55122	2,62438	16598	4,22005,57603	2,61646	16648	4,22136,20672	2,60861
16549	4,21877,17560	2,62421	16599	4,22008,19249	2,61631	16649	4,22138,81533	2,60845
16550	4,21879,79981	2,62406	16600	4,22010,80880	2,61616	16650	4,22141,42378	2,60830

16651

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Chilias 17.

Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16651	4,22144,03208	2,60814 2,60799 2,60782 2,60767 2,60752	16701	4,22274,24760	2,60033 2,60018 2,60002 2,59987 2,59971	16751	4,22404,07386	2,59257 2,59242 2,59226 2,59211 2,59195
16652	4,22146,64022		16702	4,22276,84793		16752	4,22406,66643	
16653	4,22149,24821		16703	4,22279,44811		16753	4,22409,25885	
16654	4,22151,85603		16704	4,22282,04813		16754	4,22411,85111	
16655	4,22154,46370		16705	4,22284,64800		16755	4,22414,44322	
16656	4,22157,07122	2,60735 2,60720 2,60705 2,60689 2,60673	16706	4,22287,24771	2,59955 2,59940 2,59924 2,59909 2,59893	16756	4,22417,03517	2,59180 2,59164 2,59149 2,59133 2,59118
16657	4,22159,67857		16707	4,22289,84726		16757	4,22419,62697	
16658	4,22162,28577		16708	4,22292,44666		16758	4,22422,21861	
16659	4,22164,89282		16709	4,22295,04590		16759	4,22424,81010	
16660	4,22167,49971		16710	4,22297,64499		16760	4,22427,40143	
16661	4,22170,10644	2,60657 2,60642 2,60626 2,60611 2,60595	16711	4,22300,24392	2,59878 2,59862 2,59846 2,59831 2,59816	16761	4,22429,99261	2,59102 2,59087 2,59072 2,59056 2,59040
16662	4,22172,71301		16712	4,22302,84270		16762	4,22432,58363	
16663	4,22175,31943		16713	4,22305,44132		16763	4,22435,17450	
16664	4,22177,92569		16714	4,22308,03978		16764	4,22437,76522	
16665	4,22180,53180		16715	4,22310,63809		16765	4,22440,35578	
16666	4,22183,13775	2,60579 2,60564 2,60548 2,60532 2,60517	16716	4,22313,23625	2,59800 2,59784 2,59769 2,59753 2,59738	16766	4,22442,94618	2,59025 2,59010 2,58994 2,58979 2,58963
16667	4,22185,74354		16717	4,22315,83425		16767	4,22445,53643	
16668	4,22188,34918		16718	4,22318,43209		16768	4,22448,12653	
16669	4,22190,95466		16719	4,22321,02978		16769	4,22450,71647	
16670	4,22193,55998		16720	4,22323,62731		16770	4,22453,30626	
16671	4,22196,16515	2,60501 2,60486 2,60470 2,60454 2,60439	16721	4,22326,22469	2,59722 2,59707 2,59691 2,59675 2,59660	16771	4,22455,89589	2,58948 2,58933 2,58917 2,58901 2,58887
16672	4,22198,77016		16722	4,22328,82191		16772	4,22458,48537	
16673	4,22201,37502		16723	4,22331,41898		16773	4,22461,07470	
16674	4,22203,97972		16724	4,22334,01589		16774	4,22463,66387	
16675	4,22206,58426		16725	4,22336,61264		16775	4,22466,25288	
16676	4,22209,18865	2,60423 2,60407 2,60392 2,60376 2,60361	16726	4,22339,20924	2,59645 2,59629 2,59614 2,59598 2,59582	16776	4,22468,84175	2,58870 2,58856 2,58839 2,58825 2,58809
16677	4,22211,79288		16727	4,22341,80569		16777	4,22471,43045	
16678	4,22214,39695		16728	4,22344,40198		16778	4,22474,01901	
16679	4,22217,00087		16729	4,22346,99812		16779	4,22476,60740	
16680	4,22219,60463		16730	4,22349,59410		16780	4,22479,19565	
16681	4,22222,20824	2,60345 2,60329 2,60314 2,60298 2,60282	16731	4,22352,18992	2,59567 2,59552 2,59535 2,59521 2,59505	16781	4,22481,78374	2,58794 2,58778 2,58762 2,58748 2,58732
16682	4,22224,81169		16732	4,22354,78559		16782	4,22484,37168	
16683	4,22227,41498		16733	4,22357,38111		16783	4,22486,95946	
16684	4,22230,01812		16734	4,22359,97646		16784	4,22489,54708	
16685	4,22232,62110		16735	4,22362,57167		16785	4,22492,13456	
16686	4,22235,22392	2,60267 2,60252 2,60236 2,60220 2,60204	16736	4,22365,16672	2,59489 2,59474 2,59459 2,59443 2,59427	16786	4,22494,72188	2,58716 2,58701 2,58686 2,58670 2,58655
16687	4,22237,82659		16737	4,22367,76161		16787	4,22497,30904	
16688	4,22240,42911		16738	4,22370,35635		16788	4,22499,89605	
16689	4,22243,03147		16739	4,22372,95094		16789	4,22502,48291	
16690	4,22245,63367		16740	4,22375,54537		16790	4,22505,06961	
16691	4,22248,23571	2,60189 2,60174 2,60158 2,60142 2,60127	16741	4,22378,13964	2,59412 2,59396 2,59381 2,59366 2,59350	16791	4,22507,65616	2,58640 2,58624 2,58608 2,58594 2,58578
16692	4,22250,83760		16742	4,22380,73376		16792	4,22510,24256	
16693	4,22253,43934		16743	4,22383,32772		16793	4,22512,82880	
16694	4,22256,04092		16744	4,22385,92153		16794	4,22515,41488	
16695	4,22258,64234		16745	4,22388,51519		16795	4,22518,00082	
16696	4,22261,24361	2,60111 2,60095 2,60080 2,60064 2,60049	16746	4,22391,10869	2,59334 2,59319 2,59304 2,59288 2,59272	16796	4,22520,58660	2,58562 2,58547 2,58532 2,58516 2,58501
16697	4,22263,84472		16747	4,22393,70203		16797	4,22523,17222	
16698	4,22266,44567		16748	4,22396,29522		16798	4,22525,75769	
16699	4,22269,04647		16749	4,22398,88826		16799	4,22528,34301	
16700	4,22271,64711		16750	4,22401,48114		16800	4,22530,92817	

Chilias 17.

Chilias 17.

Chilias 17.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16801	4,22533,51318	2,58486	16851	4,22662,56786	2,57719	16901	4,22791,24018	2,56956
16802	4,22536,09804	2,58470	16852	4,22665,14505	2,57703	16902	4,22793,80974	2,56941
16803	4,22538,68274	2,58455	16853	4,22667,72208	2,57688	16903	4,22796,37915	2,56925
16804	4,22541,26729	2,58439	16854	4,22670,29896	2,57673	16904	4,22798,94840	2,56911
16805	4,22543,85168	2,58424	16855	4,22672,87569	2,57657	16905	4,22801,51751	2,56895
16806	4,22546,43592	2,58409	16856	4,22675,45226	2,57642	16906	4,22804,08646	2,56881
16807	4,22549,02001	2,58393	16857	4,22678,02868	2,57627	16907	4,22806,65527	2,56865
16808	4,22551,60394	2,58378	16858	4,22680,60495	2,57612	16908	4,22809,22392	2,56849
16809	4,22554,18772	2,58362	16859	4,22683,18107	2,57596	16909	4,22811,79241	2,56835
16810	4,22556,77134	2,58348	16860	4,22685,75703	2,57581	16910	4,22814,36076	2,56819
16811	4,22559,35482	2,58331	16861	4,22688,33284	2,57566	16911	4,22816,92895	2,56805
16812	4,22561,93813	2,58317	16862	4,22690,90850	2,57550	16912	4,22819,49700	2,56789
16813	4,22564,52130	2,58301	16863	4,22693,48400	2,57535	16913	4,22822,06489	2,56774
16814	4,22567,10431	2,58286	16864	4,22696,05935	2,57520	16914	4,22824,63263	2,56758
16815	4,22569,68717	2,58270	16865	4,22698,63455	2,57505	16915	4,22827,20021	2,56744
16816	4,22572,26987	2,58255	16866	4,22701,20960	2,57489	16916	4,22829,76765	2,56728
16817	4,22574,85242	2,58239	16867	4,22703,78449	2,57474	16917	4,22832,33493	2,56713
16818	4,22577,43481	2,58225	16868	4,22706,35923	2,57459	16918	4,22834,90206	2,56698
16819	4,22580,01706	2,58209	16869	4,22708,93382	2,57444	16919	4,22837,46904	2,56683
16820	4,22582,59915	2,58193	16870	4,22711,50826	2,57428	16920	4,22840,03587	2,56668
16821	4,22585,18108	2,58178	16871	4,22714,08254	2,57413	16921	4,22842,60255	2,56652
16822	4,22587,76286	2,58163	16872	4,22716,65667	2,57398	16922	4,22845,16907	2,56637
16823	4,22590,34449	2,58148	16873	4,22719,23065	2,57383	16923	4,22847,73544	2,56623
16824	4,22592,92597	2,58132	16874	4,22721,80448	2,57367	16924	4,22850,30167	2,56607
16825	4,22595,50729	2,58117	16875	4,22724,37815	2,57352	16925	4,22852,86774	2,56591
16826	4,22598,08846	2,58101	16876	4,22726,95167	2,57337	16926	4,22855,43365	2,56577
16827	4,22600,66947	2,58086	16877	4,22729,52504	2,57321	16927	4,22857,99942	2,56562
16828	4,22603,25033	2,58071	16878	4,22732,09825	2,57307	16928	4,22860,56504	2,56546
16829	4,22605,83104	2,58056	16879	4,22734,67132	2,57291	16929	4,22863,13050	2,56531
16830	4,22608,41160	2,58040	16880	4,22737,24423	2,57276	16930	4,22865,69581	2,56516
16831	4,22610,99200	2,58025	16881	4,22739,81699	2,57260	16931	4,22868,26097	2,56501
16832	4,22613,57225	2,58009	16882	4,22742,38959	2,57246	16932	4,22870,82598	2,56486
16833	4,22616,15234	2,57994	16883	4,22744,96205	2,57230	16933	4,22873,39084	2,56470
16834	4,22618,73228	2,57979	16884	4,22747,53435	2,57215	16934	4,22875,95554	2,56456
16835	4,22621,31207	2,57964	16885	4,22750,10650	2,57199	16935	4,22878,52010	2,56440
16836	4,22623,89171	2,57948	16886	4,22752,67849	2,57185	16936	4,22881,08450	2,56425
16837	4,22626,47119	2,57933	16887	4,22755,25034	2,57169	16937	4,22883,64875	2,56410
16838	4,22629,05052	2,57917	16888	4,22757,82203	2,57154	16938	4,22886,21285	2,56395
16839	4,22631,62969	2,57903	16889	4,22760,39357	2,57139	16939	4,22888,77680	2,56380
16840	4,22634,20872	2,57887	16890	4,22762,96496	2,57123	16940	4,22891,34060	2,56365
16841	4,22636,78759	2,57871	16891	4,22765,53619	2,57109	16941	4,22893,90425	2,56349
16842	4,22639,36630	2,57856	16892	4,22768,10728	2,57093	16942	4,22896,46774	2,56334
16843	4,22641,94486	2,57841	16893	4,22770,67821	2,57077	16943	4,22899,03108	2,56320
16844	4,22644,52327	2,57826	16894	4,22773,24898	2,57063	16944	4,22901,59428	2,56304
16845	4,22647,10153	2,57811	16895	4,22775,81961	2,57048	16945	4,22904,15732	2,56289
16846	4,22649,67964	2,57795	16896	4,22778,39009	2,57032	16946	4,22906,72021	2,56274
16847	4,22652,25759	2,57779	16897	4,22780,96041	2,57017	16947	4,22909,28295	2,56258
16848	4,22654,83538	2,57765	16898	4,22783,53058	2,57002	16948	4,22911,84553	2,56244
16849	4,22657,41303	2,57749	16899	4,22786,10060	2,56986	16949	4,22914,40797	2,56228
16850	4,22659,99052	2,57734	16900	4,22788,67046	2,56972	16950	4,22916,97025	2,56214

16951

Chilias 17.

Chilias 18.

Chilias 18.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
16951	4,22919,53239	2,56198	17001	4,23047,44674	2,55444	17051	4,23174,98544	2,54696
16952	4,22922,09437	2,56183	17002	4,23050,00118	2,55430	17052	4,23177,53240	2,54681
16953	4,22924,65620	2,56168	17003	4,23052,55548	2,55415	17053	4,23180,07921	2,54665
16954	4,22927,21788	2,56153	17004	4,23055,10963	2,55400	17054	4,23182,62586	2,54651
16955	4,22929,77941	2,56138	17005	4,23057,66363	2,55384	17055	4,23185,17237	2,54636
16956	4,22932,34079	2,56123	17006	4,23060,21747	2,55370	17056	4,23187,71873	2,54622
16957	4,22934,90202	2,56107	17007	4,23062,77117	2,55355	17057	4,23190,26495	2,54606
16958	4,22937,46309	2,56093	17008	4,23065,32472	2,55339	17058	4,23192,81101	2,54591
16959	4,22940,02402	2,56077	17009	4,23067,87811	2,55325	17059	4,23195,35692	2,54576
16960	4,22942,58479	2,56063	17010	4,23070,43136	2,55310	17060	4,23197,90268	2,54562
16961	4,22945,14542	2,56047	17011	4,23072,98446	2,55294	17061	4,23200,44830	2,54546
16962	4,22947,70589	2,56032	17012	4,23075,53740	2,55280	17062	4,23202,99376	2,54532
16963	4,22950,26621	2,56017	17013	4,23078,09020	2,55265	17063	4,23205,53908	2,54516
16964	4,22952,82638	2,56002	17014	4,23080,64285	2,55249	17064	4,23208,08424	2,54502
16965	4,22955,38640	2,55987	17015	4,23083,19534	2,55235	17065	4,23210,62926	2,54487
16966	4,22957,94627	2,55971	17016	4,23085,74769	2,55220	17066	4,23213,17413	2,54472
16967	4,22960,50598	2,55957	17017	4,23088,29989	2,55204	17067	4,23215,71885	2,54457
16968	4,22963,06555	2,55942	17018	4,23090,85193	2,55190	17068	4,23218,26342	2,54442
16969	4,22965,62497	2,55926	17019	4,23093,40383	2,55174	17069	4,23220,80784	2,54427
16970	4,22968,18423	2,55912	17020	4,23095,95557	2,55160	17070	4,23223,35211	2,54412
16971	4,22970,74335	2,55896	17021	4,23098,50717	2,55145	17071	4,23225,89623	2,54398
16972	4,22973,30231	2,55881	17022	4,23101,05862	2,55129	17072	4,23228,44021	2,54382
16973	4,22975,86112	2,55866	17023	4,23103,60991	2,55115	17073	4,23230,98403	2,54368
16974	4,22978,41978	2,55852	17024	4,23106,16106	2,55100	17074	4,23233,52771	2,54353
16975	4,22980,97830	2,55836	17025	4,23108,71206	2,55085	17075	4,23236,07124	2,54337
16976	4,22983,53666	2,55821	17026	4,23111,26291	2,55069	17076	4,23238,61461	2,54323
16977	4,22986,09487	2,55805	17027	4,23113,81360	2,55055	17077	4,23241,15784	2,54308
16978	4,22988,65292	2,55791	17028	4,23116,36415	2,55040	17078	4,23243,70092	2,54293
16979	4,22991,21083	2,55776	17029	4,23118,91455	2,55025	17079	4,23246,24385	2,54279
16980	4,22993,76859	2,55761	17030	4,23121,46480	2,55009	17080	4,23248,78664	2,54263
16981	4,22996,32620	2,55745	17031	4,23124,01489	2,54995	17081	4,23251,32927	2,54248
16982	4,22998,88365	2,55731	17032	4,23126,56484	2,54980	17082	4,23253,87175	2,54234
16983	4,23001,44096	2,55716	17033	4,23129,11464	2,54965	17083	4,23256,41409	2,54219
16984	4,23003,99812	2,55700	17034	4,23131,66429	2,54950	17084	4,23258,95628	2,54203
16985	4,23006,55512	2,55685	17035	4,23134,21379	2,54935	17085	4,23261,49831	2,54189
16986	4,23009,11197	2,55671	17036	4,23136,76314	2,54920	17086	4,23264,04020	2,54174
16987	4,23011,66868	2,55655	17037	4,23139,31234	2,54905	17087	4,23266,58194	2,54159
16988	4,23014,22523	2,55640	17038	4,23141,86139	2,54890	17088	4,23269,12353	2,54145
16989	4,23016,78163	2,55626	17039	4,23144,41029	2,54875	17089	4,23271,66498	2,54129
16990	4,23019,33789	2,55610	17040	4,23146,95904	2,54860	17090	4,23274,20627	2,54115
16991	4,23021,89399	2,55595	17041	4,23149,50764	2,54846	17091	4,23276,74742	2,54099
16992	4,23024,44994	2,55580	17042	4,23152,05610	2,54830	17092	4,23279,28841	2,54085
16993	4,23027,00574	2,55565	17043	4,23154,60440	2,54815	17093	4,23281,82926	2,54070
16994	4,23029,56139	2,55550	17044	4,23157,15255	2,54801	17094	4,23284,36996	2,54055
16995	4,23032,11689	2,55535	17045	4,23159,70056	2,54785	17095	4,23286,91051	2,54041
16996	4,23034,67224	2,55520	17046	4,23162,24841	2,54771	17096	4,23289,45092	2,54025
16997	4,23037,22744	2,55505	17047	4,23164,79612	2,54755	17097	4,23291,99117	2,54010
16998	4,23039,78249	2,55490	17048	4,23167,34367	2,54741	17098	4,23294,53127	2,53996
16999	4,23042,33739	2,55475	17049	4,23169,89108	2,54725	17099	4,23297,07123	2,53981
17000	4,23044,89214	2,55460	17050	4,23172,43833	2,54711	17100	4,23299,61104	2,53966

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17101	4,23302,15070	2,53951	17151	4,23428,94469	2,53211	17201	4,23555,36959	2,52474
17102	4,23304,69021	2,53936	17152	4,23431,47680	2,53196	17202	4,23557,89433	2,52460
17103	4,23307,22957	2,53922	17153	4,23434,00876	2,53181	17203	4,23560,41893	2,52446
17104	4,23309,76879	2,53906	17154	4,23436,54057	2,53167	17204	4,23562,94339	2,52431
17105	4,23312,30785	2,53892	17155	4,23439,07224	2,53152	17205	4,23565,46770	2,52416
17106	4,23314,84677	2,53877	17156	4,23441,60376	2,53137	17206	4,23567,99186	2,52401
17107	4,23317,38554	2,53862	17157	4,23444,13513	2,53122	17207	4,23570,51587	2,52387
17108	4,23319,92416	2,53847	17158	4,23446,66635	2,53107	17208	4,23573,03974	2,52372
17109	4,23322,46263	2,53832	17159	4,23449,19742	2,53093	17209	4,23575,56346	2,52357
17110	4,23325,00095	2,53818	17160	4,23451,72835	2,53078	17210	4,23578,08703	2,52343
17111	4,23327,53913	2,53803	17161	4,23454,25913	2,53063	17211	4,23580,61046	2,52328
17112	4,23330,07716	2,53787	17162	4,23456,78976	2,53049	17212	4,23583,13374	2,52314
17113	4,23332,61503	2,53774	17163	4,23459,32025	2,53034	17213	4,23585,65688	2,52298
17114	4,23335,15277	2,53758	17164	4,23461,85059	2,53019	17214	4,23588,17986	2,52284
17115	4,23337,69035	2,53743	17165	4,23464,38078	2,53004	17215	4,23590,70270	2,52270
17116	4,23340,22778	2,53729	17166	4,23466,91082	2,52989	17216	4,23593,22540	2,52255
17117	4,23342,76507	2,53713	17167	4,23469,44071	2,52975	17217	4,23595,74795	2,52240
17118	4,23345,30220	2,53699	17168	4,23471,97046	2,52960	17218	4,23598,27035	2,52225
17119	4,23347,83919	2,53684	17169	4,23474,50006	2,52946	17219	4,23600,79260	2,52211
17120	4,23350,37603	2,53670	17170	4,23477,02952	2,52930	17220	4,23603,31471	2,52196
17121	4,23352,91273	2,53654	17171	4,23479,55882	2,52916	17221	4,23605,83667	2,52182
17122	4,23355,44927	2,53640	17172	4,23482,08798	2,52901	17222	4,23608,35849	2,52167
17123	4,23357,98567	2,53625	17173	4,23484,61699	2,52887	17223	4,23610,88016	2,52152
17124	4,23360,52192	2,53610	17174	4,23487,14586	2,52871	17224	4,23613,40168	2,52138
17125	4,23363,05802	2,53595	17175	4,23489,67457	2,52857	17225	4,23615,92306	2,52123
17126	4,23365,59397	2,53580	17176	4,23492,20314	2,52843	17226	4,23618,44429	2,52108
17127	4,23368,12977	2,53566	17177	4,23494,73157	2,52827	17227	4,23620,96537	2,52094
17128	4,23370,66543	2,53551	17178	4,23497,25984	2,52813	17228	4,23623,48631	2,52079
17129	4,23373,20094	2,53536	17179	4,23499,78797	2,52798	17229	4,23626,00710	2,52064
17130	4,23375,73630	2,53521	17180	4,23502,31595	2,52783	17230	4,23628,52774	2,52050
17131	4,23378,27151	2,53506	17181	4,23504,84378	2,52769	17231	4,23631,04824	2,52036
17132	4,23380,80657	2,53492	17182	4,23507,37147	2,52754	17232	4,23633,56860	2,52020
17133	4,23383,34149	2,53477	17183	4,23509,89901	2,52739	17233	4,23636,08880	2,52006
17134	4,23385,87626	2,53462	17184	4,23512,42640	2,52725	17234	4,23638,60886	2,51991
17135	4,23388,41088	2,53447	17185	4,23514,95365	2,52710	17235	4,23641,12877	2,51977
17136	4,23390,94535	2,53432	17186	4,23517,48075	2,52695	17236	4,23643,64854	2,51962
17137	4,23393,47967	2,53418	17187	4,23520,00770	2,52680	17237	4,23646,16816	2,51948
17138	4,23396,01385	2,53403	17188	4,23522,53450	2,52666	17238	4,23648,68764	2,51933
17139	4,23398,54788	2,53388	17189	4,23525,06116	2,52651	17239	4,23651,20697	2,51918
17140	4,23401,08176	2,53373	17190	4,23527,58767	2,52636	17240	4,23653,72615	2,51904
17141	4,23403,61549	2,53359	17191	4,23530,11403	2,52622	17241	4,23656,24519	2,51889
17142	4,23406,14908	2,53343	17192	4,23532,64025	2,52607	17242	4,23658,76408	2,51874
17143	4,23408,68251	2,53329	17193	4,23535,16632	2,52592	17243	4,23661,28282	2,51860
17144	4,23411,21580	2,53315	17194	4,23537,69224	2,52578	17244	4,23663,80142	2,51845
17145	4,23413,74895	2,53299	17195	4,23540,21802	2,52562	17245	4,23666,31987	2,51831
17146	4,23416,28194	2,53285	17196	4,23542,74364	2,52549	17246	4,23668,83818	2,51816
17147	4,23418,81479	2,53269	17197	4,23545,26913	2,52533	17247	4,23671,35634	2,51801
17148	4,23421,34748	2,53255	17198	4,23547,79446	2,52519	17248	4,23673,87435	2,51787
17149	4,23423,88003	2,53241	17199	4,23550,31965	2,52504	17249	4,23676,39222	2,51772
17150	4,23426,41244	2,53225	17200	4,23552,84469	2,52490	17250	4,23678,90994	2,51758

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Chilias 18.

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17251	4,23681,42752	2,51743 2,51728 2,51714 2,51699 2,51685	17301	4,23807,12061	2,51016 2,51001 2,50986 2,50972 2,50958	17351	4,23932,45098	2,50292 2,50278 2,50263 2,50249 2,50235
17252	4,23683,94495		17302	4,23809,63077		17352	4,23934,95390	
17253	4,23686,46223		17303	4,23812,14078		17353	4,23937,45668	
17254	4,23688,97937		17304	4,23814,65064		17354	4,23939,95931	
17255	4,23691,49636		17305	4,23817,16036		17355	4,23942,46180	
17256	4,23694,01321	2,51670 2,51656 2,51640 2,51627 2,51612	17306	4,23819,66994	2,50943 2,50928 2,50914 2,50900 2,50885	17356	4,23944,96415	2,50220 2,50205 2,50192 2,50176 2,50163
17257	4,23696,52991		17307	4,23822,17937		17357	4,23947,46635	
17258	4,23699,04647		17308	4,23824,68865		17358	4,23949,96840	
17259	4,23701,56287		17309	4,23827,19779		17359	4,23952,47032	
17260	4,23704,07914		17310	4,23829,70679		17360	4,23954,97208	
17261	4,23706,59526	2,51597 2,51582 2,51568 2,51554 2,51539	17311	4,23832,21564	2,50870 2,50856 2,50842 2,50827 2,50812	17361	4,23957,47371	2,50148 2,50133 2,50120 2,50104 2,50091
17262	4,23709,11123		17312	4,23834,72434		17362	4,23959,97519	
17263	4,23711,62705		17313	4,23837,23290		17363	4,23962,47652	
17264	4,23714,14273		17314	4,23839,74132		17364	4,23964,97772	
17265	4,23716,65827		17315	4,23842,24959		17365	4,23967,47876	
17266	4,23719,17366	2,51524 2,51510 2,51495 2,51481 2,51466	17316	4,23844,75771	2,50798 2,50784 2,50769 2,50755 2,50740	17366	4,23969,97967	2,50076 2,50061 2,50048 2,50032 2,50019
17267	4,23721,68890		17317	4,23847,26569		17367	4,23972,48043	
17268	4,23724,20400		17318	4,23849,77353		17368	4,23974,98104	
17269	4,23726,71895		17319	4,23852,28122		17369	4,23977,48152	
17270	4,23729,23376		17320	4,23854,78877		17370	4,23979,98184	
17271	4,23731,74842	2,51451 2,51437 2,51423 2,51407 2,51394	17321	4,23857,29617	2,50726 2,50711 2,50697 2,50682 2,50668	17371	4,23982,48203	2,50004 2,49990 2,49975 2,49961 2,49946
17272	4,23734,26293		17322	4,23859,80343		17372	4,23984,98207	
17273	4,23736,77730		17323	4,23862,31054		17373	4,23987,48197	
17274	4,23739,29153		17324	4,23864,81751		17374	4,23989,98172	
17275	4,23741,80560		17325	4,23867,32433		17375	4,23992,48133	
17276	4,23744,31954	2,51378 2,51365 2,51349 2,51335 2,51321	17326	4,23869,83101	2,50653 2,50639 2,50624 2,50610 2,50596	17376	4,23994,98079	2,49932 2,49918 2,49903 2,49889 2,49875
17277	4,23746,83332		17327	4,23872,33754		17377	4,23997,48011	
17278	4,23749,34697		17328	4,23874,84393		17378	4,23999,97929	
17279	4,23751,86046		17329	4,23877,35017		17379	4,24002,47832	
17280	4,23754,37381		17330	4,23879,85627		17380	4,24004,97721	
17281	4,23756,88702	2,51306 2,51291 2,51277 2,51263 2,51248	17331	4,23882,36223	2,50581 2,50566 2,50552 2,50538 2,50523	17381	4,24007,47596	2,49860 2,49846 2,49831 2,49817 2,49803
17282	4,23759,40008		17332	4,23884,86804		17382	4,24009,97456	
17283	4,23761,91299		17333	4,23887,37370		17383	4,24012,47302	
17284	4,23764,42576		17334	4,23889,87922		17384	4,24014,97133	
17285	4,23766,93839		17335	4,23892,38460		17385	4,24017,46950	
17286	4,23769,45087	2,51233 2,51219 2,51204 2,51190 2,51175	17336	4,23894,88983	2,50509 2,50494 2,50480 2,50465 2,50451	17386	4,24019,96753	2,49788 2,49774 2,49760 2,49745 2,49731
17287	4,23771,96320		17337	4,23897,39492		17387	4,24022,46541	
17288	4,23774,47539		17338	4,23899,89986		17388	4,24024,96315	
17289	4,23776,98743		17339	4,23902,40466		17389	4,24027,46075	
17290	4,23779,49933		17340	4,23904,90931		17390	4,24029,95820	
17291	4,23782,01108	2,51161 2,51146 2,51131 2,51118 2,51102	17341	4,23907,41382	2,50437 2,50422 2,50408 2,50393 2,50379	17391	4,24032,45551	2,49716 2,49703 2,49687 2,49674 2,49659
17292	4,23784,52269		17342	4,23909,91819		17392	4,24034,95267	
17293	4,23787,03415		17343	4,23912,42241		17393	4,24037,44970	
17294	4,23789,54546		17344	4,23914,92649		17394	4,24039,94657	
17295	4,23792,05664		17345	4,23917,43042		17395	4,24042,44331	
17296	4,23794,56766	2,51088 2,51074 2,51059 2,51044 2,51030	17346	4,23919,93421	2,50364 2,50350 2,50335 2,50321 2,50307	17396	4,24044,93990	2,49645 2,49630 2,49616 2,49602 2,49587
17297	4,23797,07854		17347	4,23922,43785		17397	4,24047,43635	
17298	4,23799,58928		17348	4,23924,94135		17398	4,24049,93265	
17299	4,23802,09987		17349	4,23927,44470		17399	4,24052,42881	
17300	4,23804,61031		17350	4,23929,94791		17400	4,24054,92483	

Chilias 18.

Chilias 18.

Chilias 18.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17401	4,24057,42070	2,49573	17451	4,24182,03185	2,48858	17501	4,24306,28648	2,48147
17402	4,24059,91643	2,49559	17452	4,24184,52043	2,48844	17502	4,24308,76795	2,48133
17403	4,24062,41202	2,49544	17453	4,24187,00887	2,48829	17503	4,24311,24928	2,48119
17404	4,24064,90746	2,49530	17454	4,24189,49716	2,48816	17504	4,24313,73047	2,48104
17405	4,24067,40276	2,49516	17455	4,24191,98532	2,48800	17505	4,24316,21151	2,48090
17406	4,24069,89792	2,49501	17456	4,24194,47332	2,48787	17506	4,24318,69241	2,48076
17407	4,24072,39293	2,49487	17457	4,24196,96119	2,48773	17507	4,24321,17317	2,48062
17408	4,24074,88780	2,49473	17458	4,24199,44892	2,48758	17508	4,24323,65379	2,48048
17409	4,24077,38253	2,49458	17459	4,24201,93650	2,48744	17509	4,24326,13427	2,48034
17410	4,24079,87711	2,49444	17460	4,24204,42394	2,48729	17510	4,24328,61461	2,48019
17411	4,24082,37155	2,49430	17461	4,24206,91123	2,48716	17511	4,24331,09480	2,48006
17412	4,24084,86585	2,49415	17462	4,24209,39839	2,48701	17512	4,24333,57486	2,47991
17413	4,24087,36000	2,49401	17463	4,24211,88540	2,48687	17513	4,24336,05477	2,47977
17414	4,24089,85401	2,49387	17464	4,24214,37227	2,48673	17514	4,24338,53454	2,47963
17415	4,24092,34788	2,49372	17465	4,24216,85900	2,48658	17515	4,24341,01417	2,47948
17416	4,24094,84160	2,49358	17466	4,24219,34558	2,48644	17516	4,24343,49365	2,47935
17417	4,24097,33518	2,49344	17467	4,24221,83202	2,48630	17517	4,24345,97300	2,47920
17418	4,24099,82862	2,49330	17468	4,24224,31832	2,48616	17518	4,24348,45220	2,47906
17419	4,24102,32192	2,49315	17469	4,24226,80448	2,48602	17519	4,24350,93126	2,47892
17420	4,24104,81507	2,49301	17470	4,24229,29050	2,48587	17520	4,24353,41018	2,47878
17421	4,24107,30808	2,49286	17471	4,24231,77637	2,48573	17521	4,24355,88896	2,47864
17422	4,24109,80094	2,49272	17472	4,24234,26210	2,48559	17522	4,24358,36760	2,47850
17423	4,24112,29366	2,49258	17473	4,24236,74769	2,48545	17523	4,24360,84610	2,47835
17424	4,24114,78624	2,49244	17474	4,24239,23314	2,48530	17524	4,24363,32445	2,47821
17425	4,24117,27868	2,49229	17475	4,24241,71844	2,48516	17525	4,24365,80266	2,47808
17426	4,24119,77097	2,49215	17476	4,24244,20360	2,48502	17526	4,24368,28074	2,47793
17427	4,24122,26312	2,49201	17477	4,24246,68862	2,48488	17527	4,24370,75867	2,47779
17428	4,24124,75513	2,49186	17478	4,24249,17350	2,48474	17528	4,24373,23646	2,47764
17429	4,24127,24699	2,49172	17479	4,24251,65824	2,48459	17529	4,24375,71410	2,47751
17430	4,24129,73871	2,49158	17480	4,24254,14283	2,48445	17530	4,24378,19161	2,47736
17431	4,24132,23029	2,49143	17481	4,24256,62728	2,48431	17531	4,24380,66897	2,47723
17432	4,24134,72172	2,49130	17482	4,24259,11159	2,48417	17532	4,24383,14620	2,47708
17433	4,24137,21302	2,49114	17483	4,24261,59576	2,48402	17533	4,24385,62328	2,47694
17434	4,24139,70416	2,49101	17484	4,24264,07978	2,48388	17534	4,24388,10022	2,47680
17435	4,24142,19517	2,49086	17485	4,24266,56366	2,48375	17535	4,24390,57702	2,47666
17436	4,24144,68603	2,49073	17486	4,24269,04741	2,48359	17536	4,24393,05368	2,47652
17437	4,24147,17676	2,49057	17487	4,24271,53100	2,48346	17537	4,24395,53020	2,47637
17438	4,24149,66733	2,49044	17488	4,24274,01446	2,48332	17538	4,24398,00657	2,47624
17439	4,24152,15777	2,49029	17489	4,24276,49778	2,48317	17539	4,24400,48281	2,47609
17440	4,24154,64806	2,49015	17490	4,24278,98095	2,48303	17540	4,24402,95890	2,47596
17441	4,24157,13821	2,49001	17491	4,24281,46398	2,48289	17541	4,24405,43486	2,47581
17442	4,24159,62822	2,48986	17492	4,24283,94687	2,48274	17542	4,24407,91067	2,47567
17443	4,24162,11808	2,48972	17493	4,24286,42961	2,48261	17543	4,24410,38634	2,47553
17444	4,24164,60780	2,48958	17494	4,24288,91222	2,48246	17544	4,24412,86187	2,47539
17445	4,24167,09738	2,48943	17495	4,24291,39468	2,48232	17545	4,24415,33726	2,47524
17446	4,24169,58681	2,48930	17496	4,24293,87700	2,48218	17546	4,24417,81250	2,47511
17447	4,24172,07611	2,48915	17497	4,24296,35918	2,48204	17547	4,24420,28761	2,47496
17448	4,24174,56526	2,48900	17498	4,24298,84122	2,48189	17548	4,24422,76257	2,47483
17449	4,24177,05426	2,48887	17499	4,24301,32311	2,48176	17549	4,24425,23740	2,47468
17450	4,24179,54313	2,48872	17500	4,24303,80487	2,48161	17550	4,24427,71208	2,47454
								17551

Chilias 18.

Num.	Logarithmi	Differ.
17551	4,24430,18662	2,47440 2,47426 2,47412 2,47398 2,47384
17552	4,24432,66102	
17553	4,24435,13528	
17554	4,24437,60940	
17555	4,24440,08338	
17556	4,24442,55722	2,47369
17557	4,24445,03091	2,47356
17558	4,24447,50447	2,47341
17559	4,24449,97788	2,47328
17560	4,24452,45116	2,47313
17561	4,24454,92429	2,47299
17562	4,24457,39728	2,47285
17563	4,24459,87013	2,47271
17564	4,24462,34284	2,47257
17565	4,24464,81541	2,47243
17566	4,24467,28784	2,47229
17567	4,24469,76013	2,47215
17568	4,24472,23228	2,47200
17569	4,24474,70428	2,47187
17570	4,24477,17615	2,47172
17571	4,24479,64787	2,47159
17572	4,24482,11946	2,47144
17573	4,24484,59090	2,47131
17574	4,24487,06221	2,47116
17575	4,24489,53337	2,47102
17576	4,24492,00439	2,47088
17577	4,24494,47527	2,47074
17578	4,24496,94601	2,47060
17579	4,24499,41661	2,47046
17580	4,24501,88707	2,47032
17581	4,24504,35739	2,47018
17582	4,24506,82757	2,47004
17583	4,24509,29761	2,46990
17584	4,24511,76751	2,46976
17585	4,24514,23727	2,46961
17586	4,24516,70688	2,46948
17587	4,24519,17636	2,46933
17588	4,24521,64569	2,46920
17589	4,24524,11489	2,46906
17590	4,24526,58395	2,46891
17591	4,24529,05286	2,46878
17592	4,24531,52164	2,46863
17593	4,24533,99027	2,46849
17594	4,24536,45876	2,46836
17595	4,24538,92712	2,46821
17596	4,24541,39533	2,46807
17597	4,24543,86340	2,46794
17598	4,24546,33134	2,46779
17599	4,24548,79913	2,46765
17600	4,24551,26678	2,46751

Chilias 18.

Num.	Logarithmi	Differ.
17601	4,24553,73429	2,46738 2,46723 2,46709 2,46695 2,46681
17602	4,24556,20167	
17603	4,24558,66890	
17604	4,24561,13599	
17605	4,24563,60294	
17606	4,24566,06975	2,46667 2,46653 2,46640 2,46625 2,46611
17607	4,24568,53642	
17608	4,24571,00295	
17609	4,24573,46935	
17610	4,24575,93560	
17611	4,24578,40171	2,46597 2,46583 2,46569 2,46555 2,46541
17612	4,24580,86768	
17613	4,24583,33351	
17614	4,24585,79920	
17615	4,24588,26475	
17616	4,24590,73016	2,46527 2,46514 2,46499 2,46485 2,46471
17617	4,24593,19543	
17618	4,24595,66057	
17619	4,24598,12556	
17620	4,24600,59041	
17621	4,24603,05512	2,46457 2,46443 2,46429 2,46416 2,46401
17622	4,24605,51969	
17623	4,24607,98412	
17624	4,24610,44841	
17625	4,24612,91257	
17626	4,24615,37658	2,46387 2,46373 2,46360 2,46345 2,46331
17627	4,24617,84045	
17628	4,24620,30418	
17629	4,24622,76778	
17630	4,24625,23123	
17631	4,24627,69454	2,46318 2,46303 2,46290 2,46275 2,46262
17632	4,24630,15772	
17633	4,24632,62075	
17634	4,24635,08365	
17635	4,24637,54640	
17636	4,24640,00902	2,46247 2,46234 2,46219 2,46206 2,46192
17637	4,24642,47149	
17638	4,24644,93383	
17639	4,24647,39602	
17640	4,24649,85808	
17641	4,24652,32000	2,46177 2,46164 2,46150 2,46136 2,46122
17642	4,24654,78177	
17643	4,24657,24341	
17644	4,24659,70491	
17645	4,24662,16627	
17646	4,24664,62749	2,46108 2,46094 2,46080 2,46066 2,46052
17647	4,24667,08857	
17648	4,24669,54951	
17649	4,24672,01031	
17650	4,24674,47097	

Chilias 18.

Num.	Logarithmi	Differ.
17651	4,24676,93149	2,46039
17652	4,24679,39188	
17653	4,24681,85212	2,46024
17654	4,24684,31223	2,46011
17655	4,24686,77219	2,45996
17656	4,24689,23202	2,45983
17657	4,24691,69170	2,45968
17658	4,24694,15125	2,45955
17659	4,24696,61066	2,45941
17660	4,24699,06992	2,45926
17661	4,24701,52905	2,45913
17662	4,24703,98804	2,45899
17663	4,24706,44689	2,45885
17664	4,24708,90560	2,45871
17665	4,24711,36418	2,45858
17666	4,24713,82261	2,45843
17667	4,24716,28090	2,45829
17668	4,24718,73906	2,45816
17669	4,24721,19707	2,45801
17670	4,24723,65495	2,45788
17671	4,24726,11269	2,45774
17672	4,24728,57029	2,45760
17673	4,24731,02775	2,45746
17674	4,24733,48507	2,45732
17675	4,24735,94225	2,45718
17676	4,24738,39929	2,45704
17677	4,24740,85619	2,45690
17678	4,24743,31296	2,45677
17679	4,24745,76958	2,45662
17680	4,24748,22607	2,45649
17681	4,24750,68241	2,45634
17682	4,24753,13862	2,45621
17683	4,24755,59469	2,45607
17684	4,24758,05062	2,45593
17685	4,24760,50642	2,45580
17686	4,24762,96207	2,45565
17687	4,24765,41758	2,45551
17688	4,24767,87296	2,45538
17689	4,24770,32819	2,45523
17690	4,24772,78329	2,45510
17691	4,24775,23825	2,45496
17692	4,24777,69307	2,45482
17693	4,24780,14775	2,45468
17694	4,24782,60229	2,45454
17695	4,24785,05670	2,45441
17696	4,24787,51096	2,45426
17697	4,24789,96509	2,45413
17698	4,24792,41908	2,45399
17699	4,24794,87293	2,45385
17700	4,24797,32664	2,45371
		2,45357

Chilias 18.

Chilias 18.

Chilias 18.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17701	4,24799,78021		17751	4,24922,28240		17801	4,25044,44002	
17702	4,24802,23364	2,45343	17752	4,24924,72892	2,44652	17802	4,25046,87967	2,43965
17703	4,24804,68694	2,45330	17753	4,24927,17531	2,44639	17803	4,25049,31918	2,43951
17704	4,24807,14009	2,45315	17754	4,24929,62155	2,44624	17804	4,25051,75856	2,43938
17705	4,24809,59311	2,45302	17755	4,24932,06766	2,44611	17805	4,25054,19780	2,43924
		2,45288			2,44598			2,43910
17706	4,24812,04599	2,45274	17756	4,24934,51364	2,44583	17806	4,25056,63690	2,43897
17707	4,24814,49873	2,45260	17757	4,24936,95947	2,44570	17807	4,25059,07587	2,43883
17708	4,24816,95133	2,45246	17758	4,24939,40517	2,44555	17808	4,25061,51470	2,43869
17709	4,24819,40379	2,45233	17759	4,24941,85072	2,44542	17809	4,25063,95339	2,43856
17710	4,24821,85612	2,45219	17760	4,24944,29614	2,44529	17810	4,25066,39195	2,43841
17711	4,24824,30831	2,45204	17761	4,24946,74143	2,44514	17811	4,25068,83036	2,43829
17712	4,24826,76035	2,45191	17762	4,24949,18657	2,44501	17812	4,25071,26865	2,43814
17713	4,24829,21226	2,45177	17763	4,24951,63158	2,44487	17813	4,25073,70679	2,43801
17714	4,24831,66403	2,45164	17764	4,24954,07645	2,44473	17814	4,25076,14480	2,43787
17715	4,24834,11567	2,45149	17765	4,24956,52118	2,44460	17815	4,25078,58267	2,43773
17716	4,24836,56716	2,45136	17766	4,24958,96578	2,44445	17816	4,25081,02040	2,43760
17717	4,24839,01852	2,45121	17767	4,24961,41023	2,44432	17817	4,25083,45800	2,43746
17718	4,24841,46973	2,45108	17768	4,24963,85455	2,44419	17818	4,25085,89546	2,43732
17719	4,24843,92081	2,45095	17769	4,24966,29874	2,44404	17819	4,25088,33278	2,43719
17720	4,24846,37176	2,45080	17770	4,24968,74278	2,44391	17820	4,25090,76997	2,43705
17721	4,24848,82256	2,45066	17771	4,24971,18669	2,44377	17821	4,25093,20702	2,43691
17722	4,24851,27322	2,45053	17772	4,24973,63046	2,44363	17822	4,25095,64393	2,43678
17723	4,24853,72375	2,45039	17773	4,24976,07409	2,44349	17823	4,25098,08071	2,43664
17724	4,24856,17414	2,45025	17774	4,24978,51758	2,44336	17824	4,25100,51735	2,43650
17725	4,24858,62439	2,45011	17775	4,24980,96094	2,44322	17825	4,25102,95385	2,43637
17726	4,24861,07450	2,44997	17776	4,24983,40416	2,44308	17826	4,25105,39022	2,43623
17727	4,24863,52447	2,44983	17777	4,24985,84724	2,44295	17827	4,25107,82645	2,43609
17728	4,24865,97430	2,44970	17778	4,24988,29019	2,44280	17828	4,25110,26254	2,43596
17729	4,24868,42400	2,44956	17779	4,24990,73299	2,44267	17829	4,25112,69850	2,43582
17730	4,24870,87356	2,44942	17780	4,24993,17566	2,44254	17830	4,25115,13432	2,43568
17731	4,24873,32298	2,44928	17781	4,24995,61820	2,44239	17831	4,25117,57000	2,43555
17732	4,24875,77226	2,44915	17782	4,24998,06059	2,44226	17832	4,25120,00555	2,43541
17733	4,24878,22141	2,44900	17783	4,25000,50285	2,44212	17833	4,25122,44096	2,43527
17734	4,24880,67041	2,44887	17784	4,25002,94497	2,44198	17834	4,25124,87623	2,43514
17735	4,24883,11928	2,44873	17785	4,25005,38695	2,44185	17835	4,25127,31137	2,43500
17736	4,24885,56801	2,44859	17786	4,25007,82880	2,44171	17836	4,25129,74637	2,43486
17737	4,24888,01660	2,44846	17787	4,25010,27051	2,44157	17837	4,25132,18123	2,43473
17738	4,24890,46506	2,44831	17788	4,25012,71208	2,44143	17838	4,25134,61596	2,43459
17739	4,24892,91337	2,44818	17789	4,25015,15351	2,44130	17839	4,25137,05055	2,43445
17740	4,24895,36155	2,44804	17790	4,25017,59481	2,44116	17840	4,25139,48500	2,43432
17741	4,24897,80959	2,44790	17791	4,25020,03597	2,44102	17841	4,25141,91932	2,43418
17742	4,24900,25749	2,44776	17792	4,25022,47699	2,44089	17842	4,25144,35350	2,43405
17743	4,24902,70525	2,44763	17793	4,25024,91788	2,44074	17843	4,25146,78755	2,43391
17744	4,24905,15288	2,44749	17794	4,25027,35862	2,44061	17844	4,25149,22146	2,43377
17745	4,24907,60037	2,44735	17795	4,25029,79923	2,44048	17845	4,25151,65523	2,43363
17746	4,24910,04772	2,44721	17796	4,25032,23971	2,44033	17846	4,25154,08886	2,43350
17747	4,24912,49493	2,44707	17797	4,25034,68004	2,44020	17847	4,25156,52236	2,43337
17748	4,24914,94200	2,44694	17798	4,25037,12024	2,44007	17848	4,25158,95573	2,43322
17749	4,24917,38894	2,44680	17799	4,25039,56031	2,43992	17849	4,25161,38895	2,43309
17750	4,24919,83574	2,44666	17800	4,25042,00023	2,43979	17850	4,25163,82204	2,43296

Chilias 18.

Chilias 18.

Chilias 18.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
17851	4,25166,25500	2,43282	17901	4,25287,72926	2,42602	17951	4,25408,86469	2,41927
17852	4,25168,68782	2,43268	17902	4,25290,15528	2,42589	17952	4,25411,28396	2,41913
17853	4,25171,12050	2,43254	17903	4,25292,58117	2,42575	17953	4,25413,70309	2,41899
17854	4,25173,55304	2,43241	17904	4,25295,00692	2,42561	17954	4,25416,12208	2,41887
17855	4,25175,98545	2,43228	17905	4,25297,43253	2,42549	17955	4,25418,54095	2,41872
17856	4,25178,41773	2,43213	17906	4,25299,85802	2,42534	17956	4,25420,95967	2,41860
17857	4,25180,84986	2,43200	17907	4,25302,28336	2,42521	17957	4,25423,37827	2,41845
17858	4,25183,28186	2,43187	17908	4,25304,70857	2,42508	17958	4,25425,79672	2,41833
17859	4,25185,71373	2,43173	17909	4,25307,13365	2,42493	17959	4,25428,21505	2,41818
17860	4,25188,14546	2,43159	17910	4,25309,55858	2,42481	17960	4,25430,63323	2,41806
17861	4,25190,57705	2,43145	17911	4,25311,98339	2,42467	17961	4,25433,05129	2,41792
17862	4,25193,00850	2,43132	17912	4,25314,40806	2,42453	17962	4,25435,46921	2,41778
17863	4,25195,43982	2,43119	17913	4,25316,83259	2,42440	17963	4,25437,88699	2,41765
17864	4,25197,87101	2,43104	17914	4,25319,25699	2,42426	17964	4,25440,30464	2,41751
17865	4,25200,30205	2,43092	17915	4,25321,68125	2,42413	17965	4,25442,72215	2,41738
17866	4,25202,73297	2,43077	17916	4,25324,10538	2,42399	17966	4,25445,13953	2,41725
17867	4,25205,16374	2,43064	17917	4,25326,52937	2,42386	17967	4,25447,55678	2,41711
17868	4,25207,59438	2,43050	17918	4,25328,95323	2,42372	17968	4,25449,97389	2,41698
17869	4,25210,02488	2,43037	17919	4,25331,37695	2,42358	17969	4,25452,39087	2,41684
17870	4,25212,45525	2,43023	17920	4,25333,80053	2,42345	17970	4,25454,80771	2,41671
17871	4,25214,88548	2,43010	17921	4,25336,22398	2,42332	17971	4,25457,22442	2,41657
17872	4,25217,31558	2,42996	17922	4,25338,64730	2,42318	17972	4,25459,64099	2,41644
17873	4,25219,74554	2,42982	17923	4,25341,07048	2,42304	17973	4,25462,05743	2,41631
17874	4,25222,17536	2,42969	17924	4,25343,49352	2,42291	17974	4,25464,47374	2,41617
17875	4,25224,60505	2,42955	17925	4,25345,91643	2,42278	17975	4,25466,88991	2,41603
17876	4,25227,03460	2,42941	17926	4,25348,33921	2,42264	17976	4,25469,30594	2,41590
17877	4,25229,46401	2,42928	17927	4,25350,76185	2,42250	17977	4,25471,72184	2,41577
17878	4,25231,89329	2,42915	17928	4,25353,18435	2,42237	17978	4,25474,13761	2,41563
17879	4,25234,32244	2,42901	17929	4,25355,60672	2,42224	17979	4,25476,55324	2,41550
17880	4,25236,75145	2,42887	17930	4,25358,02896	2,42210	17980	4,25478,96874	2,41536
17881	4,25239,18032	2,42873	17931	4,25360,45106	2,42196	17981	4,25481,38410	2,41523
17882	4,25241,60905	2,42860	17932	4,25362,87302	2,42183	17982	4,25483,79933	2,41510
17883	4,25244,03765	2,42847	17933	4,25365,29485	2,42169	17983	4,25486,21443	2,41496
17884	4,25246,46612	2,42833	17934	4,25367,71654	2,42156	17984	4,25488,62939	2,41483
17885	4,25248,89445	2,42819	17935	4,25370,13810	2,42143	17985	4,25491,04422	2,41469
17886	4,25251,32264	2,42806	17936	4,25372,55953	2,42128	17986	4,25493,45891	2,41456
17887	4,25253,75070	2,42792	17937	4,25374,98081	2,42116	17987	4,25495,87347	2,41442
17888	4,25256,17862	2,42779	17938	4,25377,40197	2,42102	17988	4,25498,28789	2,41429
17889	4,25258,60641	2,42765	17939	4,25379,82299	2,42088	17989	4,25500,70218	2,41415
17890	4,25261,03406	2,42751	17940	4,25382,24387	2,42075	17990	4,25503,11633	2,41403
17891	4,25263,46157	2,42738	17941	4,25384,66462	2,42061	17991	4,25505,53036	2,41388
17892	4,25265,88895	2,42724	17942	4,25387,08523	2,42048	17992	4,25507,94424	2,41376
17893	4,25268,31619	2,42711	17943	4,25389,50571	2,42035	17993	4,25510,35800	2,41361
17894	4,25270,74330	2,42697	17944	4,25391,92606	2,42021	17994	4,25512,77161	2,41349
17895	4,25273,17027	2,42684	17945	4,25394,34627	2,42007	17995	4,25515,18510	2,41335
17896	4,25275,59711	2,42670	17946	4,25396,76634	2,41994	17996	4,25517,59845	2,41322
17897	4,25278,02381	2,42656	17947	4,25399,18628	2,41981	17997	4,25520,01167	2,41308
17898	4,25280,45037	2,42643	17948	4,25401,60609	2,41967	17998	4,25522,42475	2,41295
17899	4,25282,87680	2,42630	17949	4,25404,02576	2,41953	17999	4,25524,83770	2,41281
17900	4,25285,30310	2,42616	17950	4,25406,44529	2,41940	18000	4,25527,25051	2,41268

Chilias 19.

Chilias 19.

Chilias 19.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18001	4,25529,66319	2,41255	18051	4,25650,12662	2,40586	18101	4,25770,25684	2,39922
18002	4,25532,07574	2,41241	18052	4,25652,53248	2,40574	18102	4,25772,65606	2,39908
18003	4,25534,48815	2,41228	18053	4,25654,93822	2,40559	18103	4,25775,05514	2,39895
18004	4,25536,90043	2,41214	18054	4,25657,34381	2,40547	18104	4,25777,45409	2,39883
18005	4,25539,31257	2,41201	18055	4,25659,74928	2,40533	18105	4,25779,85292	2,39868
18006	4,25541,72458	2,41188	18056	4,25662,15461	2,40519	18106	4,25782,25160	2,39856
18007	4,25544,13646	2,41174	18057	4,25664,55980	2,40507	18107	4,25784,65016	2,39842
18008	4,25546,54820	2,41161	18058	4,25666,96487	2,40493	18108	4,25787,04858	2,39829
18009	4,25548,95981	2,41147	18059	4,25669,36980	2,40480	18109	4,25789,44687	2,39816
18010	4,25551,37128	2,41134	18060	4,25671,77460	2,40466	18110	4,25791,84503	2,39803
18011	4,25553,78262	2,41121	18061	4,25674,17926	2,40453	18111	4,25794,24306	2,39789
18012	4,25556,19383	2,41107	18062	4,25676,58379	2,40440	18112	4,25796,64095	2,39776
18013	4,25558,60490	2,41094	18063	4,25678,98819	2,40427	18113	4,25799,03871	2,39763
18014	4,25561,01584	2,41081	18064	4,25681,39246	2,40413	18114	4,25801,43634	2,39750
18015	4,25563,42665	2,41067	18065	4,25683,79659	2,40400	18115	4,25803,83384	2,39736
18016	4,25565,83732	2,41053	18066	4,25686,20059	2,40387	18116	4,25806,23120	2,39723
18017	4,25568,24785	2,41041	18067	4,25688,60446	2,40373	18117	4,25808,62843	2,39710
18018	4,25570,65826	2,41027	18068	4,25691,00819	2,40360	18118	4,25811,02553	2,39697
18019	4,25573,06853	2,41013	18069	4,25693,41179	2,40347	18119	4,25813,42250	2,39683
18020	4,25575,47866	2,41001	18070	4,25695,81526	2,40333	18120	4,25815,81933	2,39671
18021	4,25577,88867	2,40987	18071	4,25698,21859	2,40320	18121	4,25818,21604	2,39657
18022	4,25580,29854	2,40973	18072	4,25700,62179	2,40307	18122	4,25820,61261	2,39643
18023	4,25582,70827	2,40960	18073	4,25703,02486	2,40293	18123	4,25823,00904	2,39631
18024	4,25585,11787	2,40947	18074	4,25705,42779	2,40281	18124	4,25825,40535	2,39617
18025	4,25587,52734	2,40933	18075	4,25707,83060	2,40267	18125	4,25827,80152	2,39605
18026	4,25589,93667	2,40920	18076	4,25710,23327	2,40253	18126	4,25830,19757	2,39590
18027	4,25592,34587	2,40907	18077	4,25712,63580	2,40241	18127	4,25832,59347	2,39578
18028	4,25594,75494	2,40893	18078	4,25715,03821	2,40227	18128	4,25834,98925	2,39565
18029	4,25597,16387	2,40880	18079	4,25717,44048	2,40213	18129	4,25837,38490	2,39551
18030	4,25599,57267	2,40867	18080	4,25719,84261	2,40201	18130	4,25839,78041	2,39538
18031	4,25601,98134	2,40853	18081	4,25722,24462	2,40187	18131	4,25842,17579	2,39525
18032	4,25604,38987	2,40840	18082	4,25724,64649	2,40174	18132	4,25844,57104	2,39512
18033	4,25606,79827	2,40826	18083	4,25727,04823	2,40161	18133	4,25846,96616	2,39498
18034	4,25609,20653	2,40814	18084	4,25729,44984	2,40147	18134	4,25849,36114	2,39485
18035	4,25611,61467	2,40799	18085	4,25731,85131	2,40134	18135	4,25851,75599	2,39472
18036	4,25614,02266	2,40787	18086	4,25734,25265	2,40121	18136	4,25854,15071	2,39459
18037	4,25616,43053	2,40773	18087	4,25736,65386	2,40107	18137	4,25856,54530	2,39446
18038	4,25618,83826	2,40760	18088	4,25739,05493	2,40095	18138	4,25858,93976	2,39432
18039	4,25621,24586	2,40746	18089	4,25741,45588	2,40081	18139	4,25861,33408	2,39419
18040	4,25623,65332	2,40733	18090	4,25743,85669	2,40067	18140	4,25863,72827	2,39406
18041	4,25626,06065	2,40720	18091	4,25746,25736	2,40055	18141	4,25866,12233	2,39393
18042	4,25628,46785	2,40706	18092	4,25748,65791	2,40041	18142	4,25868,51626	2,39380
18043	4,25630,87491	2,40693	18093	4,25751,05832	2,40028	18143	4,25870,91006	2,39366
18044	4,25633,28184	2,40680	18094	4,25753,45860	2,40014	18144	4,25873,30372	2,39353
18045	4,25635,68864	2,40666	18095	4,25755,85874	2,40002	18145	4,25875,69725	2,39340
18046	4,25638,09530	2,40653	18096	4,25758,25876	2,39988	18146	4,25878,09065	2,39327
18047	4,25640,50183	2,40640	18097	4,25760,65864	2,39975	18147	4,25880,48392	2,39314
18048	4,25642,90823	2,40626	18098	4,25763,05839	2,39961	18148	4,25882,87706	2,39300
18049	4,25645,31449	2,40613	18099	4,25765,45800	2,39949	18149	4,25885,27006	2,39288
18050	4,25647,72062	2,40600	18100	4,25767,85749	2,39935	18150	4,25887,66294	2,39274

18151

Chilias 19.

Chilias 19.

Chilias 19.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18151	4,25890,05568	2,39261	18201	4,26009,52497	2,38603	18251	4,26128,66651	2,37950
18152	4,25892,44829	2,39248	18202	4,26011,91100	2,38591	18252	4,26131,04601	2,37937
18153	4,25894,84077	2,39234	18203	4,26014,29691	2,38577	18253	4,26133,42538	2,37924
18154	4,25897,23311	2,39221	18204	4,26016,68268	2,38565	18254	4,26135,80462	2,37911
18155	4,25899,62532	2,39209	18205	4,26019,06833	2,38551	18255	4,26138,18373	2,37898
18156	4,25902,01741	2,39195	18206	4,26021,45384	2,38538	18256	4,26140,56271	2,37885
18157	4,25904,40936	2,39182	18207	4,26023,83922	2,38525	18257	4,26142,94156	2,37871
18158	4,25906,80118	2,39168	18208	4,26026,22447	2,38512	18258	4,26145,32027	2,37859
18159	4,25909,19286	2,39156	18209	4,26028,60959	2,38499	18259	4,26147,69886	2,37846
18160	4,25911,58442	2,39142	18210	4,26030,99458	2,38486	18260	4,26150,07732	2,37833
18161	4,25913,97584	2,39129	18211	4,26033,37944	2,38472	18261	4,26152,45565	2,37819
18162	4,25916,36713	2,39116	18212	4,26035,76416	2,38460	18262	4,26154,83384	2,37807
18163	4,25918,75829	2,39103	18213	4,26038,14876	2,38446	18263	4,26157,21191	2,37794
18164	4,25921,14932	2,39090	18214	4,26040,53322	2,38434	18264	4,26159,58985	2,37780
18165	4,25923,54022	2,39077	18215	4,26042,91756	2,38420	18265	4,26161,96765	2,37768
18166	4,25925,93099	2,39063	18216	4,26045,30176	2,38407	18266	4,26164,34533	2,37755
18167	4,25928,32162	2,39050	18217	4,26047,68583	2,38394	18267	4,26166,72288	2,37741
18168	4,25930,71212	2,39037	18218	4,26050,06977	2,38381	18268	4,26169,10029	2,37729
18169	4,25933,10249	2,39024	18219	4,26052,45358	2,38368	18269	4,26171,47758	2,37716
18170	4,25935,49273	2,39011	18220	4,26054,83726	2,38355	18270	4,26173,85474	2,37702
18171	4,25937,88284	2,38997	18221	4,26057,22081	2,38342	18271	4,26176,23176	2,37690
18172	4,25940,27281	2,38985	18222	4,26059,60423	2,38329	18272	4,26178,60866	2,37676
18173	4,25942,66266	2,38971	18223	4,26061,98752	2,38315	18273	4,26180,98542	2,37664
18174	4,25945,05237	2,38958	18224	4,26064,37067	2,38303	18274	4,26183,36206	2,37650
18175	4,25947,44195	2,38945	18225	4,26066,75370	2,38289	18275	4,26185,73856	2,37638
18176	4,25949,83140	2,38932	18226	4,26069,13659	2,38277	18276	4,26188,11494	2,37624
18177	4,25952,22072	2,38919	18227	4,26071,51936	2,38263	18277	4,26190,49118	2,37612
18178	4,25954,60991	2,38905	18228	4,26073,90199	2,38250	18278	4,26192,86730	2,37598
18179	4,25956,99896	2,38893	18229	4,26076,28449	2,38238	18279	4,26195,24328	2,37586
18180	4,25959,38789	2,38879	18230	4,26078,66687	2,38224	18280	4,26197,61914	2,37573
18181	4,25961,77668	2,38866	18231	4,26081,04911	2,38211	18281	4,26199,99487	2,37559
18182	4,25964,16534	2,38853	18232	4,26083,43122	2,38198	18282	4,26202,37046	2,37547
18183	4,25966,55387	2,38840	18233	4,26085,81320	2,38185	18283	4,26204,74593	2,37533
18184	4,25968,94227	2,38827	18234	4,26088,19505	2,38171	18284	4,26207,12126	2,37521
18185	4,25971,33054	2,38814	18235	4,26090,57676	2,38159	18285	4,26209,49647	2,37507
18186	4,25973,71868	2,38800	18236	4,26092,95835	2,38146	18286	4,26211,87154	2,37495
18187	4,25976,10668	2,38787	18237	4,26095,33981	2,38133	18287	4,26214,24649	2,37482
18188	4,25978,49455	2,38775	18238	4,26097,72114	2,38119	18288	4,26216,62131	2,37468
18189	4,25980,88230	2,38761	18239	4,26100,10233	2,38107	18289	4,26218,99599	2,37456
18190	4,25983,26991	2,38748	18240	4,26102,48340	2,38093	18290	4,26221,37055	2,37442
18191	4,25985,65739	2,38734	18241	4,26104,86433	2,38081	18291	4,26223,74497	2,37430
18192	4,25988,04473	2,38722	18242	4,26107,24514	2,38067	18292	4,26226,11927	2,37417
18193	4,25990,43195	2,38709	18243	4,26109,62581	2,38055	18293	4,26228,49344	2,37403
18194	4,25992,81904	2,38695	18244	4,26112,00636	2,38041	18294	4,26230,86747	2,37391
18195	4,25995,20599	2,38683	18245	4,26114,38677	2,38028	18295	4,26233,24138	2,37378
18196	4,25997,59282	2,38669	18246	4,26116,76705	2,38016	18296	4,26235,61516	2,37365
18197	4,25999,97951	2,38656	18247	4,26119,14721	2,38002	18297	4,26237,98881	2,37352
18198	4,26002,36607	2,38643	18248	4,26121,52723	2,37989	18298	4,26240,36233	2,37338
18199	4,26004,75250	2,38630	18249	4,26123,90712	2,37976	18299	4,26242,73571	2,37326
18200	4,26007,13880	2,38617	18250	4,26126,28688	2,37963	18300	4,26245,10897	2,37313

Chilias 19.

Chilias 19.

Chilias 19.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18301	4,26247,48210	2,37300 2,37287 2,37274 2,37261 2,37248	18351	4,26365,97352	2,36654 2,36640 2,36628 2,36614 2,36602	18401	4,26484,14253	2,36011 2,35997 2,35985 2,35972 2,35959
18302	4,26249,85510		18352	4,26368,34006		18402	4,26486,50264	
18303	4,26252,22797		18353	4,26370,70646		18403	4,26488,86261	
18304	4,26254,60071		18354	4,26373,07274		18404	4,26491,22246	
18305	4,26256,97332		18355	4,26375,43888		18405	4,26493,58218	
18306	4,26259,34580	2,37235 2,37223 2,37209 2,37196 2,37183	18356	4,26377,80490	2,36589 2,36576 2,36563 2,36551 2,36537	18406	4,26495,94177	2,35946 2,35934 2,35920 2,35908 2,35895
18307	4,26261,71815		18357	4,26380,17079		18407	4,26498,30123	
18308	4,26264,09038		18358	4,26382,53655		18408	4,26500,66057	
18309	4,26266,46247		18359	4,26384,90218		18409	4,26503,01977	
18310	4,26268,83443		18360	4,26387,26769		18410	4,26505,37885	
18311	4,26271,20626	2,37171 2,37157 2,37145 2,37131 2,37119	18361	4,26389,63306	2,36525 2,36511 2,36499 2,36486 2,36473	18411	4,26507,73780	2,35882 2,35870 2,35856 2,35844 2,35831
18312	4,26273,57797		18362	4,26391,99831		18412	4,26510,09662	
18313	4,26275,94954		18363	4,26394,36342		18413	4,26512,45532	
18314	4,26278,32099		18364	4,26396,72841		18414	4,26514,81388	
18315	4,26280,69230		18365	4,26399,09327		18415	4,26517,17232	
18316	4,26283,06349	2,37105 2,37093 2,37080 2,37066 2,37054	18366	4,26401,45800	2,36460 2,36447 2,36435 2,36421 2,36409	18416	4,26519,53063	2,35818 2,35805 2,35793 2,35780 2,35767
18317	4,26285,43454		18367	4,26403,82260		18417	4,26521,88881	
18318	4,26287,80547		18368	4,26406,18707		18418	4,26524,24686	
18319	4,26290,17627		18369	4,26408,55142		18419	4,26526,60479	
18320	4,26292,54693		18370	4,26410,91563		18420	4,26528,96259	
18321	4,26294,91747	2,37041 2,37028 2,37015 2,37002 2,36989	18371	4,26413,27972	2,36395 2,36383 2,36370 2,36358 2,36344	18421	4,26531,32026	2,35754 2,35741 2,35729 2,35715 2,35703
18322	4,26297,28788		18372	4,26415,64367		18422	4,26533,67780	
18323	4,26299,65816		18373	4,26418,00750		18423	4,26536,03521	
18324	4,26302,02831		18374	4,26420,37120		18424	4,26538,39250	
18325	4,26304,39833		18375	4,26422,73478		18425	4,26540,74965	
18326	4,26306,76822	2,36977 2,36963 2,36950 2,36938 2,36924	18376	4,26425,09822	2,36331 2,36319 2,36306 2,36293 2,36280	18426	4,26543,10668	2,35690 2,35678 2,35664 2,35652 2,35639
18327	4,26309,13799		18377	4,26427,46153		18427	4,26545,46358	
18328	4,26311,50762		18378	4,26429,82472		18428	4,26547,82036	
18329	4,26313,87712		18379	4,26432,18778		18429	4,26550,17700	
18330	4,26316,24650		18380	4,26434,55071		18430	4,26552,53352	
18331	4,26318,61574	2,36912 2,36898 2,36886 2,36873 2,36860	18381	4,26436,91351	2,36267 2,36254 2,36241 2,36229 2,36216	18431	4,26554,88991	2,35626 2,35614 2,35601 2,35587 2,35576
18332	4,26320,98486		18382	4,26439,27618		18432	4,26557,24617	
18333	4,26323,35384		18383	4,26441,63872		18433	4,26559,60231	
18334	4,26325,72270		18384	4,26444,00113		18434	4,26561,95832	
18335	4,26328,09143		18385	4,26446,36342		18435	4,26564,31419	
18336	4,26330,46003	2,36847 2,36834 2,36821 2,36808 2,36796	18386	4,26448,72558	2,36203 2,36190 2,36177 2,36164 2,36152	18436	4,26566,66995	2,35562 2,35549 2,35537 2,35524 2,35511
18337	4,26332,82850		18387	4,26451,08761		18437	4,26569,02557	
18338	4,26335,19684		18388	4,26453,44951		18438	4,26571,38106	
18339	4,26337,56505		18389	4,26455,81128		18439	4,26573,73643	
18340	4,26339,93313		18390	4,26458,17292		18440	4,26576,09167	
18341	4,26342,30109	2,36782 2,36770 2,36756 2,36744 2,36731	18391	4,26460,53444	2,36139 2,36125 2,36113 2,36101 2,36087	18441	4,26578,44678	2,35499 2,35486 2,35472 2,35461 2,35447
18342	4,26344,66891		18392	4,26462,89583		18442	4,26580,80177	
18343	4,26347,03661		18393	4,26465,25708		18443	4,26583,15663	
18344	4,26349,40417		18394	4,26467,61821		18444	4,26585,51135	
18345	4,26351,77161		18395	4,26469,97922		18445	4,26587,86596	
18346	4,26354,13892	2,36718 2,36705 2,36692 2,36679 2,36666	18396	4,26472,34009	2,36075 2,36061 2,36049 2,36036 2,36023	18446	4,26590,22043	2,35435 2,35422 2,35409 2,35396 2,35384
18347	4,26356,50610		18397	4,26474,70084		18447	4,26592,57478	
18348	4,26358,87315		18398	4,26477,06145		18448	4,26594,92900	
18349	4,26361,24007		18399	4,26479,42194		18449	4,26597,28309	
18350	4,26363,60686		18400	4,26481,78230		18450	4,26599,63705	

18451

Chilias 19.

Chilias 19.

Chilias 19.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18451	4,26601,99089	2,35370 2,35358 2,35346 2,35332 2,35320	18501	4,26719,52031	2,34735 2,34722 2,34710 2,34696 2,34684	18551	4,26836,73254	2,34102 2,34090 2,34077 2,34064 2,34051
18452	4,26604,34459		18502	4,26721,86766		18552	4,26839,07356	
18453	4,26606,69817		18503	4,26724,21488		18553	4,26841,41446	
18454	4,26609,05163		18504	4,26726,56198		18554	4,26843,75523	
18455	4,26611,40495		18505	4,26728,90894		18555	4,26846,09587	
18456	4,26613,75815	2,35307 2,35295 2,35281 2,35269 2,35256	18506	4,26731,25578	2,34672 2,34658 2,34646 2,34634 2,34620	18556	4,26848,43638	2,34039 2,34027 2,34014 2,34001 2,33988
18457	4,26616,11122		18507	4,26733,60250		18557	4,26850,77677	
18458	4,26618,46417		18508	4,26735,94908		18558	4,26853,11704	
18459	4,26620,81698		18509	4,26738,29554		18559	4,26855,45718	
18460	4,26623,16967		18510	4,26740,64188		18560	4,26857,79719	
18461	4,26625,52223	2,35243 2,35231 2,35218 2,35205 2,35192	18511	4,26742,98808	2,34608 2,34595 2,34583 2,34570 2,34557	18561	4,26860,13707	2,33976 2,33964 2,33950 2,33939 2,33925
18462	4,26627,87466		18512	4,26745,33416		18562	4,26862,47683	
18463	4,26630,22697		18513	4,26747,68011		18563	4,26864,81647	
18464	4,26632,57915		18514	4,26750,02594		18564	4,26867,15597	
18465	4,26634,93120		18515	4,26752,37164		18565	4,26869,49536	
18466	4,26637,28312	2,35180 2,35167 2,35154 2,35141 2,35129	18516	4,26754,71721	2,34545 2,34532 2,34519 2,34506 2,34494	18566	4,26871,83461	2,33913 2,33900 2,33888 2,33875 2,33863
18467	4,26639,63492		18517	4,26757,06266		18567	4,26874,17374	
18468	4,26641,98659		18518	4,26759,40798		18568	4,26876,51274	
18469	4,26644,33813		18519	4,26761,75317		18569	4,26878,85162	
18470	4,26646,68954		18520	4,26764,09823		18570	4,26881,19037	
18471	4,26649,04083	2,35116 2,35103 2,35091 2,35078 2,35065	18521	4,26766,44317	2,34482 2,34468 2,34456 2,34444 2,34430	18571	4,26883,52900	2,33850 2,33837 2,33825 2,33812 2,33800
18472	4,26651,39199		18522	4,26768,78799		18572	4,26885,86750	
18473	4,26653,74302		18523	4,26771,13267		18573	4,26888,20587	
18474	4,26656,09393		18524	4,26773,47723		18574	4,26890,54412	
18475	4,26658,44471		18525	4,26775,82167		18575	4,26892,88224	
18476	4,26660,79536	2,35052 2,35040 2,35027 2,35014 2,35001	18526	4,26778,16597	2,34418 2,34405 2,34393 2,34380 2,34368	18576	4,26895,22024	2,33787 2,33774 2,33762 2,33750 2,33736
18477	4,26663,14588		18527	4,26780,51015		18577	4,26897,55811	
18478	4,26665,49628		18528	4,26782,85420		18578	4,26899,89585	
18479	4,26667,84655		18529	4,26785,19813		18579	4,26902,23347	
18480	4,26670,19669		18530	4,26787,54193		18580	4,26904,57097	
18481	4,26672,54670	2,34989 2,34976 2,34963 2,34951 2,34938	18531	4,26789,88561	2,34354 2,34342 2,34330 2,34317 2,34304	18581	4,26906,90833	2,33724 2,33712 2,33699 2,33686 2,33674
18482	4,26674,89659		18532	4,26792,22915		18582	4,26909,24557	
18483	4,26677,24635		18533	4,26794,57257		18583	4,26911,58269	
18484	4,26679,59598		18534	4,26796,91587		18584	4,26913,91968	
18485	4,26681,94549		18535	4,26799,25904		18585	4,26916,25654	
18486	4,26684,29487	2,34925 2,34913 2,34900 2,34887 2,34874	18536	4,26801,60208	2,34291 2,34279 2,34266 2,34254 2,34241	18586	4,26918,59328	2,33661 2,33649 2,33636 2,33624 2,33611
18487	4,26686,64412		18537	4,26803,94499		18587	4,26920,92989	
18488	4,26688,99325		18538	4,26806,28778		18588	4,26923,26638	
18489	4,26691,34225		18539	4,26808,63044		18589	4,26925,60274	
18490	4,26693,69112		18540	4,26810,97298		18590	4,26927,93898	
18491	4,26696,03986	2,34862 2,34849 2,34836 2,34824 2,34810	18541	4,26813,31539	2,34228 2,34216 2,34203 2,34191 2,34177	18591	4,26930,27509	2,33598 2,33586 2,33573 2,33561 2,33548
18492	4,26698,38848		18542	4,26815,65767		18592	4,26932,61107	
18493	4,26700,73697		18543	4,26817,99983		18593	4,26934,94693	
18494	4,26703,08533		18544	4,26820,34186		18594	4,26937,28266	
18495	4,26705,43357		18545	4,26822,68377		18595	4,26939,61827	
18496	4,26707,78167	2,34799 2,34785 2,34773 2,34760 2,34747	18546	4,26825,02554	2,34166 2,34152 2,34140 2,34128 2,34114	18596	4,26941,95375	2,33536 2,33523 2,33510 2,33498 2,33486
18497	4,26710,12966		18547	4,26827,36720		18597	4,26944,28911	
18498	4,26712,47751		18548	4,26829,70872		18598	4,26946,62434	
18499	4,26714,82524		18549	4,26832,05012		18599	4,26948,95944	
18500	4,26717,17284		18550	4,26834,39140		18600	4,26951,29442	
18601								

Chilias 19.

Chilias 19.

Chilias 19.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18601	4,26953,62928		18651	4,27070,21221		18701	4,27186,48302	
18602	4,26955,96400	2,33472	18652	4,27072,54068	2,32847	18702	4,27188,80527	2,32225
18603	4,26958,29861	2,33461	18653	4,27074,86902	2,32834	18703	4,27191,12739	2,32212
18604	4,26960,63308	2,33447	18654	4,27077,19724	2,32822	18704	4,27193,44938	2,32199
18605	4,26962,96744	2,33436	18655	4,27079,52534	2,32810	18705	4,27195,77125	2,32187
18606	4,26965,30166	2,33422	18656	4,27081,85331	2,32797	18706	4,27198,09300	2,32175
18607	4,26967,63576	2,33410	18657	4,27084,18115	2,32784	18707	4,27200,41462	2,32162
18608	4,26969,96974	2,33398	18658	4,27086,50887	2,32772	18708	4,27202,73612	2,32150
18609	4,26972,30359	2,33385	18659	4,27088,83647	2,32760	18709	4,27205,05750	2,32138
18610	4,26974,63731	2,33372	18660	4,27091,16394	2,32747	18710	4,27207,37875	2,32125
18611	4,26976,97091	2,33360	18661	4,27093,49129	2,32735	18711	4,27209,69988	2,32113
18612	4,26979,30439	2,33348	18662	4,27095,81851	2,32722	18712	4,27212,02088	2,32100
18613	4,26981,63773	2,33334	18663	4,27098,14561	2,32710	18713	4,27214,34176	2,32088
18614	4,26983,97096	2,33323	18664	4,27100,47258	2,32697	18714	4,27216,66251	2,32075
18615	4,26986,30406	2,33310	18665	4,27102,79943	2,32685	18715	4,27218,98315	2,32064
18616	4,26988,63703	2,33297	18666	4,27105,12615	2,32672	18716	4,27221,30365	2,32050
18617	4,26990,96987	2,33284	18667	4,27107,45275	2,32660	18717	4,27223,62404	2,32039
18618	4,26993,30260	2,33273	18668	4,27109,77922	2,32647	18718	4,27225,94429	2,32025
18619	4,26995,63519	2,33259	18669	4,27112,10557	2,32635	18719	4,27228,26443	2,32014
18620	4,26997,96766	2,33247	18670	4,27114,43179	2,32622	18720	4,27230,58444	2,32001
18621	4,27000,30001	2,33235	18671	4,27116,75789	2,32610	18721	4,27232,90433	2,31989
18622	4,27002,63223	2,33222	18672	4,27119,08387	2,32598	18722	4,27235,22409	2,31976
18623	4,27004,96433	2,33210	18673	4,27121,40972	2,32585	18723	4,27237,54373	2,31964
18624	4,27007,29630	2,33197	18674	4,27123,73545	2,32573	18724	4,27239,86325	2,31952
18625	4,27009,62814	2,33184	18675	4,27126,06105	2,32560	18725	4,27242,18264	2,31939
18626	4,27011,95986	2,33172	18676	4,27128,38653	2,32548	18726	4,27244,50190	2,31926
18627	4,27014,29146	2,33160	18677	4,27130,71188	2,32535	18727	4,27246,82105	2,31915
18628	4,27016,62293	2,33147	18678	4,27133,03711	2,32523	18728	4,27249,14007	2,31902
18629	4,27018,95427	2,33134	18679	4,27135,36221	2,32510	18729	4,27251,45897	2,31890
18630	4,27021,28549	2,33122	18680	4,27137,68719	2,32498	18730	4,27253,77774	2,31877
18631	4,27023,61658	2,33109	18681	4,27140,01204	2,32485	18731	4,27256,09639	2,31865
18632	4,27025,94755	2,33097	18682	4,27142,33677	2,32473	18732	4,27258,41491	2,31852
18633	4,27028,27840	2,33085	18683	4,27144,66138	2,32461	18733	4,27260,73331	2,31840
18634	4,27030,60912	2,33072	18684	4,27146,98586	2,32448	18734	4,27263,05159	2,31828
18635	4,27032,93971	2,33059	18685	4,27149,31022	2,32436	18735	4,27265,36974	2,31815
18636	4,27035,27018	2,33047	18686	4,27151,63445	2,32423	18736	4,27267,68777	2,31803
18637	4,27037,60052	2,33034	18687	4,27153,95856	2,32411	18737	4,27270,00568	2,31791
18638	4,27039,93074	2,33022	18688	4,27156,28254	2,32398	18738	4,27272,32346	2,31778
18639	4,27042,26083	2,33009	18689	4,27158,60640	2,32386	18739	4,27274,64112	2,31766
18640	4,27044,59080	2,32997	18690	4,27160,93014	2,32374	18740	4,27276,95866	2,31754
18641	4,27046,92065	2,32985	18691	4,27163,25375	2,32361	18741	4,27279,27607	2,31741
18642	4,27049,25036	2,32971	18692	4,27165,57724	2,32349	18742	4,27281,59335	2,31728
18643	4,27051,57996	2,32960	18693	4,27167,90060	2,32336	18743	4,27283,91052	2,31717
18644	4,27053,90943	2,32947	18694	4,27170,22384	2,32324	18744	4,27286,22756	2,31704
18645	4,27056,23877	2,32934	18695	4,27172,54695	2,32311	18745	4,27288,54448	2,31692
18646	4,27058,56799	2,32922	18696	4,27174,86994	2,32299	18746	4,27290,86127	2,31679
18647	4,27060,89708	2,32909	18697	4,27177,19280	2,32286	18747	4,27293,17794	2,31667
18648	4,27063,22605	2,32897	18698	4,27179,51554	2,32274	18748	4,27295,49448	2,31654
18649	4,27065,55490	2,32885	18699	4,27181,83816	2,32262	18749	4,27297,81091	2,31643
18650	4,27067,88361	2,32871	18700	4,27184,16065	2,32249	18750	4,27300,12721	2,31630
		2,32860			2,32237			2,31617

18751

Chilias 19.

Chilias 19.

Chilias 19.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18751	4,27302,44338	2,31605	18801	4,27418,09494	2,30989	18851	4,27533,43934	2,30377
18752	4,27304,75943	2,31593	18802	4,27420,40483	2,30977	18852	4,27535,74311	2,30364
18753	4,27307,07536	2,31581	18803	4,27422,71460	2,30965	18853	4,27538,04675	2,30352
18754	4,27309,39117	2,31568	18804	4,27425,02425	2,30953	18854	4,27540,35027	2,30340
18755	4,27311,70685	2,31556	18805	4,27427,33378	2,30940	18855	4,27542,65367	2,30328
18756	4,27314,02241	2,31543	18806	4,27429,64318	2,30928	18856	4,27544,95695	2,30316
18757	4,27316,33784	2,31531	18807	4,27431,95246	2,30915	18857	4,27547,26011	2,30303
18758	4,27318,65315	2,31519	18808	4,27434,26161	2,30903	18858	4,27549,56314	2,30291
18759	4,27320,96834	2,31506	18809	4,27436,57064	2,30892	18859	4,27551,86605	2,30279
18760	4,27323,28340	2,31495	18810	4,27438,87956	2,30878	18860	4,27554,16884	2,30267
18761	4,27325,59835	2,31481	18811	4,27441,18834	2,30867	18861	4,27556,47151	2,30254
18762	4,27327,91316	2,31470	18812	4,27443,49701	2,30854	18862	4,27558,77405	2,30242
18763	4,27330,22786	2,31457	18813	4,27445,80555	2,30842	18863	4,27561,07647	2,30231
18764	4,27332,54243	2,31444	18814	4,27448,11397	2,30830	18864	4,27563,37878	2,30217
18765	4,27334,85687	2,31433	18815	4,27450,42227	2,30817	18865	4,27565,68095	2,30206
18766	4,27337,17120	2,31420	18816	4,27452,73044	2,30805	18866	4,27567,98301	2,30193
18767	4,27339,48540	2,31408	18817	4,27455,03849	2,30793	18867	4,27570,28494	2,30182
18768	4,27341,79948	2,31395	18818	4,27457,34642	2,30781	18868	4,27572,58676	2,30169
18769	4,27344,11343	2,31383	18819	4,27459,65423	2,30768	18869	4,27574,88845	2,30157
18770	4,27346,42726	2,31371	18820	4,27461,96191	2,30756	18870	4,27577,19002	2,30144
18771	4,27348,74097	2,31358	18821	4,27464,26947	2,30744	18871	4,27579,49146	2,30133
18772	4,27351,05455	2,31347	18822	4,27466,57691	2,30731	18872	4,27581,79279	2,30120
18773	4,27353,36802	2,31333	18823	4,27468,88422	2,30720	18873	4,27584,09399	2,30108
18774	4,27355,68135	2,31322	18824	4,27471,19142	2,30707	18874	4,27586,39507	2,30096
18775	4,27357,99457	2,31309	18825	4,27473,49849	2,30695	18875	4,27588,69603	2,30084
18776	4,27360,30766	2,31297	18826	4,27475,80544	2,30682	18876	4,27590,99687	2,30071
18777	4,27362,62063	2,31284	18827	4,27478,11226	2,30670	18877	4,27593,29758	2,30060
18778	4,27364,93347	2,31272	18828	4,27480,41896	2,30658	18878	4,27595,59818	2,30047
18779	4,27367,24619	2,31260	18829	4,27482,72554	2,30646	18879	4,27597,89865	2,30035
18780	4,27369,55879	2,31248	18830	4,27485,03200	2,30634	18880	4,27600,19900	2,30022
18781	4,27371,87127	2,31235	18831	4,27487,33834	2,30621	18881	4,27602,49922	2,30011
18782	4,27374,18362	2,31223	18832	4,27489,64455	2,30609	18882	4,27604,79933	2,29998
18783	4,27376,49585	2,31211	18833	4,27491,95064	2,30597	18883	4,27607,09931	2,29987
18784	4,27378,80796	2,31198	18834	4,27494,25661	2,30584	18884	4,27609,39918	2,29974
18785	4,27381,11994	2,31186	18835	4,27496,56245	2,30573	18885	4,27611,69892	2,29962
18786	4,27383,43180	2,31174	18836	4,27498,86818	2,30560	18886	4,27613,99854	2,29949
18787	4,27385,74354	2,31161	18837	4,27501,17378	2,30548	18887	4,27616,29803	2,29938
18788	4,27388,05515	2,31149	18838	4,27503,47926	2,30535	18888	4,27618,59741	2,29925
18789	4,27390,36664	2,31137	18839	4,27505,78461	2,30524	18889	4,27620,89666	2,29913
18790	4,27392,67801	2,31125	18840	4,27508,08985	2,30511	18890	4,27623,19579	2,29901
18791	4,27394,98926	2,31112	18841	4,27510,39496	2,30499	18891	4,27625,49480	2,29889
18792	4,27397,30038	2,31100	18842	4,27512,69995	2,30486	18892	4,27627,79369	2,29877
18793	4,27399,61138	2,31087	18843	4,27515,00481	2,30475	18893	4,27630,09246	2,29864
18794	4,27401,92225	2,31075	18844	4,27517,30956	2,30462	18894	4,27632,39110	2,29853
18795	4,27404,23300	2,31064	18845	4,27519,61418	2,30450	18895	4,27634,68963	2,29840
18796	4,27406,54364	2,31050	18846	4,27521,91868	2,30438	18896	4,27636,98803	2,29828
18797	4,27408,85414	2,31039	18847	4,27524,22306	2,30425	18897	4,27639,28631	2,29816
18798	4,27411,16453	2,31026	18848	4,27526,52731	2,30413	18898	4,27641,58447	2,29803
18799	4,27413,47479	2,31014	18849	4,27528,83144	2,30401	18899	4,27643,88250	2,29792
18800	4,27415,78493	2,31001	18850	4,27531,13545	2,30389	18900	4,27646,18042	2,29779

Chilias 19.

Chilias 19.

Chilias 20.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
18901	4,27648,47821	2,29767	18951	4,27763,21316	2,29161	19001	4,27877,64580	2,28558
18902	4,27650,77588	2,29755	18952	4,27765,50477	2,29149	19002	4,27879,93138	2,28546
18903	4,27653,07343	2,29743	18953	4,27767,79626	2,29137	19003	4,27882,21684	2,28533
18904	4,27655,37086	2,29731	18954	4,27770,08763	2,29125	19004	4,27884,50217	2,28522
18905	4,27657,66817	2,29719	18955	4,27772,37888	2,29112	19005	4,27886,78739	2,28510
18906	4,27659,96536	2,29706	18956	4,27774,67000	2,29101	19006	4,27889,07249	2,28498
18907	4,27662,26242	2,29694	18957	4,27776,96101	2,29088	19007	4,27891,35747	2,28486
18908	4,27664,55936	2,29682	18958	4,27779,25189	2,29077	19008	4,27893,64233	2,28474
18909	4,27666,85618	2,29670	18959	4,27781,54266	2,29064	19009	4,27895,92707	2,28462
18910	4,27669,15288	2,29658	18960	4,27783,83330	2,29052	19010	4,27898,21169	2,28449
18911	4,27671,44946	2,29646	18961	4,27786,12382	2,29040	19011	4,27900,49618	2,28438
18912	4,27673,74592	2,29634	18962	4,27788,41422	2,29028	19012	4,27902,78056	2,28426
18913	4,27676,04226	2,29621	18963	4,27790,70450	2,29016	19013	4,27905,06482	2,28414
18914	4,27678,33847	2,29609	18964	4,27792,99466	2,29004	19014	4,27907,34896	2,28401
18915	4,27680,63456	2,29597	18965	4,27795,28470	2,28992	19015	4,27909,63297	2,28390
18916	4,27682,93053	2,29585	18966	4,27797,57462	2,28980	19016	4,27911,91687	2,28378
18917	4,27685,22638	2,29573	18967	4,27799,86442	2,28968	19017	4,27914,20065	2,28366
18918	4,27687,52211	2,29561	18968	4,27802,15410	2,28955	19018	4,27916,48431	2,28353
18919	4,27689,81772	2,29549	18969	4,27804,44365	2,28944	19019	4,27918,76784	2,28342
18920	4,27692,11321	2,29536	18970	4,27806,73309	2,28931	19020	4,27921,05126	2,28330
18921	4,27694,40857	2,29524	18971	4,27809,02240	2,28920	19021	4,27923,33456	2,28317
18922	4,27696,70381	2,29513	18972	4,27811,31160	2,28907	19022	4,27925,61773	2,28306
18923	4,27698,99894	2,29500	18973	4,27813,60067	2,28895	19023	4,27927,90079	2,28294
18924	4,27701,29394	2,29488	18974	4,27815,88962	2,28884	19024	4,27930,18373	2,28281
18925	4,27703,58882	2,29476	18975	4,27818,17846	2,28871	19025	4,27932,46654	2,28270
18926	4,27705,88358	2,29463	18976	4,27820,46717	2,28859	19026	4,27934,74924	2,28258
18927	4,27708,17821	2,29452	18977	4,27822,75576	2,28847	19027	4,27937,03182	2,28245
18928	4,27710,47273	2,29439	18978	4,27825,04423	2,28835	19028	4,27939,31427	2,28234
18929	4,27712,76712	2,29428	18979	4,27827,33258	2,28823	19029	4,27941,59661	2,28222
18930	4,27715,06140	2,29415	18980	4,27829,62081	2,28811	19030	4,27943,87883	2,28210
18931	4,27717,35555	2,29403	18981	4,27831,90892	2,28799	19031	4,27946,16093	2,28197
18932	4,27719,64958	2,29391	18982	4,27834,19691	2,28786	19032	4,27948,44290	2,28186
18933	4,27721,94349	2,29379	18983	4,27836,48477	2,28775	19033	4,27950,72476	2,28174
18934	4,27724,23728	2,29367	18984	4,27838,77252	2,28763	19034	4,27953,00650	2,28162
18935	4,27726,53095	2,29354	18985	4,27841,06015	2,28750	19035	4,27955,28812	2,28149
18936	4,27728,82449	2,29343	18986	4,27843,34765	2,28739	19036	4,27957,56961	2,28138
18937	4,27731,11792	2,29330	18987	4,27845,63504	2,28726	19037	4,27959,85099	2,28126
18938	4,27733,41122	2,29318	18988	4,27847,92230	2,28715	19038	4,27962,13225	2,28114
18939	4,27735,70440	2,29307	18989	4,27850,20945	2,28702	19039	4,27964,41339	2,28101
18940	4,27737,99747	2,29294	18990	4,27852,49647	2,28691	19040	4,27966,69440	2,28090
18941	4,27740,29041	2,29282	18991	4,27854,78338	2,28678	19041	4,27968,97530	2,28078
18942	4,27742,58323	2,29270	18992	4,27857,07016	2,28666	19042	4,27971,25608	2,28066
18943	4,27744,87593	2,29257	18993	4,27859,35682	2,28655	19043	4,27973,53674	2,28054
18944	4,27747,16850	2,29246	18994	4,27861,64337	2,28642	19044	4,27975,81728	2,28042
18945	4,27749,46096	2,29234	18995	4,27863,92979	2,28630	19045	4,27978,09770	2,28030
18946	4,27751,75330	2,29221	18996	4,27866,21609	2,28618	19046	4,27980,37800	2,28018
18947	4,27754,04551	2,29210	18997	4,27868,50227	2,28606	19047	4,27982,65818	2,28006
18948	4,27756,33761	2,29197	18998	4,27870,78833	2,28594	19048	4,27984,93824	2,27994
18949	4,27758,62958	2,29185	18999	4,27873,07427	2,28583	19049	4,27987,21818	2,27982
18950	4,27760,92143	2,29173	19000	4,27875,36010	2,28570	19050	4,27989,49800	2,27970

Chilias 20.

Chilias 20.

Chilias 20.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19051	4,27991,77770	2,27958	19101	4,28105,61046	2,27361	19151	4,28219,14563	2,26768
19052	4,27994,05728	2,27947	19102	4,28107,88407	2,27350	19152	4,28221,41331	2,26756
19053	4,27996,33675	2,27934	19103	4,28110,15757	2,27337	19153	4,28223,68087	2,26744
19054	4,27998,61609	2,27922	19104	4,28112,43094	2,27326	19154	4,28225,94831	2,26732
19055	4,28000,89531	2,27910	19105	4,28114,70420	2,27314	19155	4,28228,21563	2,26721
19056	4,28003,17441	2,27899	19106	4,28116,97734	2,27302	19156	4,28230,48284	2,26708
19057	4,28005,45340	2,27886	19107	4,28119,25036	2,27290	19157	4,28232,74992	2,26697
19058	4,28007,73226	2,27875	19108	4,28121,52326	2,27278	19158	4,28235,01689	2,26685
19059	4,28010,01101	2,27862	19109	4,28123,79604	2,27267	19159	4,28237,28374	2,26673
19060	4,28012,28963	2,27851	19110	4,28126,06871	2,27254	19160	4,28239,55047	2,26662
19061	4,28014,56814	2,27838	19111	4,28128,34125	2,27242	19161	4,28241,81709	2,26649
19062	4,28016,84652	2,27827	19112	4,28130,61367	2,27231	19162	4,28244,08358	2,26638
19063	4,28019,12479	2,27814	19113	4,28132,88598	2,27219	19163	4,28246,34996	2,26626
19064	4,28021,40293	2,27803	19114	4,28135,15817	2,27207	19164	4,28248,61622	2,26614
19065	4,28023,68096	2,27791	19115	4,28137,43024	2,27194	19165	4,28250,88236	2,26602
19066	4,28025,95887	2,27779	19116	4,28139,70218	2,27184	19166	4,28253,14838	2,26591
19067	4,28028,23666	2,27767	19117	4,28141,97402	2,27171	19167	4,28255,41429	2,26578
19068	4,28030,51433	2,27754	19118	4,28144,24573	2,27159	19168	4,28257,68007	2,26567
19069	4,28032,79187	2,27743	19119	4,28146,51732	2,27147	19169	4,28259,94574	2,26555
19070	4,28035,06930	2,27732	19120	4,28148,78879	2,27136	19170	4,28262,21129	2,26543
19071	4,28037,34662	2,27719	19121	4,28151,06015	2,27124	19171	4,28264,47672	2,26531
19072	4,28039,62381	2,27707	19122	4,28153,33139	2,27111	19172	4,28266,74203	2,26520
19073	4,28041,90088	2,27695	19123	4,28155,60250	2,27100	19173	4,28269,00723	2,26507
19074	4,28044,17783	2,27683	19124	4,28157,87350	2,27088	19174	4,28271,27230	2,26496
19075	4,28046,45466	2,27672	19125	4,28160,14438	2,27076	19175	4,28273,53726	2,26484
19076	4,28048,73138	2,27659	19126	4,28162,41514	2,27065	19176	4,28275,80210	2,26472
19077	4,28051,00797	2,27648	19127	4,28164,68579	2,27052	19177	4,28278,06682	2,26461
19078	4,28053,28445	2,27635	19128	4,28166,95631	2,27041	19178	4,28280,33143	2,26449
19079	4,28055,56080	2,27624	19129	4,28169,22672	2,27028	19179	4,28282,59592	2,26436
19080	4,28057,83704	2,27611	19130	4,28171,49700	2,27017	19180	4,28284,86028	2,26425
19081	4,28060,11315	2,27600	19131	4,28173,76717	2,27005	19181	4,28287,12453	2,26414
19082	4,28062,38915	2,27588	19132	4,28176,03722	2,26993	19182	4,28289,38867	2,26401
19083	4,28064,66503	2,27576	19133	4,28178,30715	2,26981	19183	4,28291,65268	2,26390
19084	4,28066,94079	2,27564	19134	4,28180,57696	2,26970	19184	4,28293,91658	2,26377
19085	4,28069,21643	2,27552	19135	4,28182,84666	2,26957	19185	4,28296,18035	2,26366
19086	4,28071,49195	2,27540	19136	4,28185,11623	2,26946	19186	4,28298,44401	2,26355
19087	4,28073,76735	2,27528	19137	4,28187,38569	2,26933	19187	4,28300,70756	2,26342
19088	4,28076,04263	2,27517	19138	4,28189,65502	2,26922	19188	4,28302,97098	2,26331
19089	4,28078,31780	2,27504	19139	4,28191,92424	2,26910	19189	4,28305,23429	2,26318
19090	4,28080,59284	2,27492	19140	4,28194,19334	2,26899	19190	4,28307,49747	2,26307
19091	4,28082,86776	2,27481	19141	4,28196,46233	2,26886	19191	4,28309,76054	2,26296
19092	4,28085,14257	2,27469	19142	4,28198,73119	2,26874	19192	4,28312,02350	2,26283
19093	4,28087,41726	2,27456	19143	4,28200,99993	2,26863	19193	4,28314,28633	2,26272
19094	4,28089,69182	2,27445	19144	4,28203,26856	2,26851	19194	4,28316,54905	2,26260
19095	4,28091,96627	2,27433	19145	4,28205,53707	2,26839	19195	4,28318,81165	2,26248
19096	4,28094,24060	2,27421	19146	4,28207,80546	2,26827	19196	4,28321,07413	2,26236
19097	4,28096,51481	2,27409	19147	4,28210,07373	2,26815	19197	4,28323,33649	2,26224
19098	4,28098,78890	2,27397	19148	4,28212,34188	2,26803	19198	4,28325,59873	2,26213
19099	4,28101,06287	2,27385	19149	4,28214,60991	2,26792	19199	4,28327,86086	2,26201
19100	4,28103,33672	2,27374	19150	4,28216,87783	2,26780	19200	4,28330,12287	2,26189
								19201

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19201	4,28332,38476	2,26178 2,26165 2,26154 2,26142 2,26130	19251	4,28445,32940	2,25590 2,25578 2,25567 2,25555 2,25543	19301	4,28557,98107	2,25006 2,24994 2,24982 2,24971 2,24959
19202	4,28334,64654		19252	4,28447,58530		19302	4,28560,23113	
19203	4,28336,90819		19253	4,28449,84108		19303	4,28562,48107	
19204	4,28339,16973		19254	4,28452,09675		19304	4,28564,73089	
19205	4,28341,43115		19255	4,28454,35230		19305	4,28566,98060	
19206	4,28343,69245	2,26119 2,26106 2,26095 2,26084 2,26071	19256	4,28456,60773	2,25531 2,25520 2,25508 2,25496 2,25484	19306	4,28569,23019	2,24947 2,24935 2,24924 2,24913 2,24900
19207	4,28345,95364		19257	4,28458,86304		19307	4,28571,47966	
19208	4,28348,21470		19258	4,28461,11824		19308	4,28573,72901	
19209	4,28350,47565		19259	4,28463,37332		19309	4,28575,97825	
19210	4,28352,73649		19260	4,28465,62828		19310	4,28578,22738	
19211	4,28354,99720	2,26060 2,26048 2,26036 2,26024 2,26013	19261	4,28467,88312	2,25473 2,25461 2,25450 2,25437 2,25427	19311	4,28580,47638	2,24890 2,24877 2,24866 2,24854 2,24842
19212	4,28357,25780		19262	4,28470,13785		19312	4,28582,72528	
19213	4,28359,51828		19263	4,28472,39246		19313	4,28584,97405	
19214	4,28361,77864		19264	4,28474,64696		19314	4,28587,22271	
19215	4,28364,03888		19265	4,28476,90133		19315	4,28589,47125	
19216	4,28366,29901	2,26000 2,25989 2,25978 2,25965 2,25954	19266	4,28479,15560	2,25414 2,25402 2,25391 2,25380 2,25367	19316	4,28591,71967	2,24831 2,24819 2,24808 2,24796 2,24784
19217	4,28368,55901		19267	4,28481,40974		19317	4,28593,96798	
19218	4,28370,81890		19268	4,28483,66376		19318	4,28596,21617	
19219	4,28373,07868		19269	4,28485,91767		19319	4,28598,46425	
19220	4,28375,33833		19270	4,28488,17147		19320	4,28600,71221	
19221	4,28377,59787	2,25942 2,25930 2,25919 2,25907 2,25895	19271	4,28490,42514	2,25356 2,25344 2,25332 2,25321 2,25309	19321	4,28602,96005	2,24773 2,24761 2,24749 2,24738 2,24726
19222	4,28379,85729		19272	4,28492,67870		19322	4,28605,20778	
19223	4,28382,11659		19273	4,28494,93214		19323	4,28607,45539	
19224	4,28384,37578		19274	4,28497,18546		19324	4,28609,70288	
19225	4,28386,63485		19275	4,28499,43867		19325	4,28611,95026	
19226	4,28388,89380	2,25883 2,25872 2,25859 2,25848 2,25837	19276	4,28501,69176	2,25298 2,25285 2,25274 2,25263 2,25250	19326	4,28614,19752	2,24715 2,24702 2,24692 2,24679 2,24668
19227	4,28391,15263		19277	4,28503,94474		19327	4,28616,44467	
19228	4,28393,41135		19278	4,28506,19759		19328	4,28618,69169	
19229	4,28395,66994		19279	4,28508,45033		19329	4,28620,93861	
19230	4,28397,92842		19280	4,28510,70296		19330	4,28623,18540	
19231	4,28400,18679	2,25824 2,25813 2,25801 2,25789 2,25778	19281	4,28512,95546	2,25239 2,25228 2,25215 2,25204 2,25192	19331	4,28625,43208	2,24657 2,24644 2,24634 2,24621 2,24610
19232	4,28402,44503		19282	4,28515,20785		19332	4,28627,67865	
19233	4,28404,70316		19283	4,28517,46013		19333	4,28629,92509	
19234	4,28406,96117		19284	4,28519,71228		19334	4,28632,17143	
19235	4,28409,21906		19285	4,28521,96432		19335	4,28634,41764	
19236	4,28411,47684	2,25766 2,25754 2,25742 2,25731 2,25719	19286	4,28524,21624	2,25181 2,25169 2,25157 2,25145 2,25134	19336	4,28636,66374	2,24598 2,24587 2,24575 2,24563 2,24552
19237	4,28413,73450		19287	4,28526,46805		19337	4,28638,90972	
19238	4,28415,99204		19288	4,28528,71974		19338	4,28641,15559	
19239	4,28418,24946		19289	4,28530,97131		19339	4,28643,40134	
19240	4,28420,50677		19290	4,28533,22276		19340	4,28645,64697	
19241	4,28422,76396	2,25707 2,25696 2,25683 2,25672 2,25661	19291	4,28535,47410	2,25122 2,25111 2,25099 2,25087 2,25076	19341	4,28647,89249	2,24541 2,24528 2,24517 2,24506 2,24493
19242	4,28425,02103		19292	4,28537,72532		19342	4,28650,13790	
19243	4,28427,27799		19293	4,28539,97643		19343	4,28652,38318	
19244	4,28429,53482		19294	4,28542,22742		19344	4,28654,62835	
19245	4,28431,79154		19295	4,28544,47829		19345	4,28656,87341	
19246	4,28434,04815	2,25648 2,25637 2,25625 2,25613 2,25602	19296	4,28546,72905	2,25063 2,25053 2,25040 2,25029 2,25017	19346	4,28659,11834	2,24483 2,24470 2,24459 2,24448 2,24435
19247	4,28436,30463		19297	4,28548,97968		19347	4,28661,36317	
19248	4,28438,56100		19298	4,28551,23021		19348	4,28663,60787	
19249	4,28440,81725		19299	4,28553,48061		19349	4,28665,85246	
19250	4,28443,07338		19300	4,28555,73090		19350	4,28668,09694	

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19351	4,28670,34129	2,24425 2,24412 2,24401 2,24390 2,24377	19401	4,28782,41157	2,23845 2,23835 2,23823 2,23811 2,23799	19451	4,28894,19339	2,23270 2,23259 2,23247 2,23236 2,23225
19352	4,28672,58554		19402	4,28784,65002		19452	4,28896,42609	
19353	4,28674,82966		19403	4,28786,88837		19453	4,28898,65868	
19354	4,28677,07367		19404	4,28789,12660		19454	4,28900,89115	
19355	4,28679,31757		19405	4,28791,36471		19455	4,28903,12351	
19356	4,28681,56134	2,24367 2,24354 2,24343 2,24332 2,24320	19406	4,28793,60270	2,23789 2,23776 2,23765 2,23754 2,23742	19456	4,28905,35576	2,23213 2,23202 2,23190 2,23178 2,23167
19357	4,28683,80501		19407	4,28795,84059		19457	4,28907,58789	
19358	4,28686,04855		19408	4,28798,07835		19458	4,28909,81991	
19359	4,28688,29198		19409	4,28800,31600		19459	4,28912,05181	
19360	4,28690,53530		19410	4,28802,55354		19460	4,28914,28359	
19361	4,28692,77850	2,24308 2,24297 2,24285 2,24273 2,24262	19411	4,28804,79096	2,23730 2,23719 2,23708 2,23696 2,23684	19461	4,28916,51526	2,23156 2,23144 2,23133 2,23122 2,23109
19362	4,28695,02158		19412	4,28807,02826		19462	4,28918,74682	
19363	4,28697,26455		19413	4,28809,26545		19463	4,28920,97826	
19364	4,28699,50740		19414	4,28811,50253		19464	4,28923,20959	
19365	4,28701,75013		19415	4,28813,73949		19465	4,28925,44081	
19366	4,28703,99275	2,24251 2,24238 2,24228 2,24215 2,24204	19416	4,28815,97633	2,23673 2,23662 2,23649 2,23639 2,23627	19466	4,28927,67190	2,23099 2,23087 2,23075 2,23064 2,23053
19367	4,28706,23526		19417	4,28818,21306		19467	4,28929,90289	
19368	4,28708,47764		19418	4,28820,44968		19468	4,28932,13376	
19369	4,28710,71992		19419	4,28822,68617		19469	4,28934,36451	
19370	4,28712,96207		19420	4,28824,92256		19470	4,28936,59515	
19371	4,28715,20411	2,24193 2,24181 2,24169 2,24158 2,24146	19421	4,28827,15883	2,23615 2,23604 2,23592 2,23581 2,23569	19471	4,28938,82568	2,23041 2,23030 2,23018 2,23006 2,22996
19372	4,28717,44604		19422	4,28829,39498		19472	4,28941,05609	
19373	4,28719,68785		19423	4,28831,63102		19473	4,28943,28639	
19374	4,28721,92954		19424	4,28833,86694		19474	4,28945,51657	
19375	4,28724,17112		19425	4,28836,10275		19475	4,28947,74663	
19376	4,28726,41258	2,24135 2,24123 2,24111 2,24100 2,24089	19426	4,28838,33844	2,23558 2,23546 2,23535 2,23523 2,23512	19476	4,28949,97659	2,22984 2,22972 2,22961 2,22949 2,22938
19377	4,28728,65393		19427	4,28840,57402		19477	4,28952,20643	
19378	4,28730,89516		19428	4,28842,80948		19478	4,28954,43615	
19379	4,28733,13627		19429	4,28845,04483		19479	4,28956,66576	
19380	4,28735,37727		19430	4,28847,28006		19480	4,28958,89525	
19381	4,28737,61816	2,24076 2,24066 2,24053 2,24042 2,24031	19431	4,28849,51518	2,23500 2,23489 2,23477 2,23466 2,23454	19481	4,28961,12463	2,22927 2,22915 2,22904 2,22892 2,22881
19382	4,28739,85892		19432	4,28851,75018		19482	4,28963,35390	
19383	4,28742,09958		19433	4,28853,98507		19483	4,28965,58305	
19384	4,28744,34011		19434	4,28856,21984		19484	4,28967,81209	
19385	4,28746,58053		19435	4,28858,45450		19485	4,28970,04101	
19386	4,28748,82084	2,24019 2,24008 2,23995 2,23985 2,23973	19436	4,28860,68904	2,23443 2,23431 2,23420 2,23408 2,23397	19486	4,28972,26982	2,22870 2,22858 2,22846 2,22835 2,22824
19387	4,28751,06103		19437	4,28862,92347		19487	4,28974,49852	
19388	4,28753,30111		19438	4,28865,15778		19488	4,28976,72710	
19389	4,28755,54106		19439	4,28867,39198		19489	4,28978,95556	
19390	4,28757,78091		19440	4,28869,62606		19490	4,28981,18391	
19391	4,28760,02064	2,23961 2,23950 2,23938 2,23926 2,23915	19441	4,28871,86003	2,23385 2,23374 2,23362 2,23351 2,23339	19491	4,28983,41215	2,22812 2,22801 2,22789 2,22778 2,22767
19392	4,28762,26025		19442	4,28874,09388		19492	4,28985,64027	
19393	4,28764,49975		19443	4,28876,32762		19493	4,28987,86828	
19394	4,28766,73913		19444	4,28878,56124		19494	4,28990,09617	
19395	4,28768,97839		19445	4,28880,79475		19495	4,28992,32395	
19396	4,28771,21754	2,23904 2,23892 2,23880 2,23869 2,23858	19446	4,28883,02814	2,23328 2,23316 2,23305 2,23294 2,23282	19496	4,28994,55162	2,22755 2,22744 2,22732 2,22721 2,22709
19397	4,28773,45658		19447	4,28885,26142		19497	4,28996,77917	
19398	4,28775,69550		19448	4,28887,49458		19498	4,28999,00661	
19399	4,28777,93430		19449	4,28889,72763		19499	4,29001,23393	
19400	4,28780,17299		19450	4,28891,96057		19500	4,29003,46114	

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Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19501	4,29005,68823		19551	4,29116,89757		19601	4,29227,82287	
19502	4,29007,91521	2,22698	19552	4,29119,11886	2,22129	19602	4,29230,03849	2,21562
19503	4,29010,14208	2,22687	19553	4,29121,34003	2,22117	19603	4,29232,25399	2,21550
19504	4,29012,36883	2,22675	19554	4,29123,56108	2,22105	19604	4,29234,46938	2,21539
19505	4,29014,59546	2,22663	19555	4,29125,78203	2,22095	19605	4,29236,68466	2,21528
		2,22653			2,22083			2,21517
19506	4,29016,82199	2,22641	19556	4,29128,00286	2,22072	19606	4,29238,89983	2,21505
19507	4,29019,04840	2,22629	19557	4,29130,22358	2,22060	19607	4,29241,11488	2,21494
19508	4,29021,27469	2,22618	19558	4,29132,44418	2,22049	19608	4,29243,32982	2,21483
19509	4,29023,50087	2,22607	19559	4,29134,66467	2,22038	19609	4,29245,54465	2,21472
19510	4,29025,72694	2,22595	19560	4,29136,88505	2,22026	19610	4,29247,75937	2,21460
19511	4,29027,95289	2,22584	19561	4,29139,10531	2,22015	19611	4,29249,97397	2,21449
19512	4,29030,17873	2,22573	19562	4,29141,32546	2,22003	19612	4,29252,18846	2,21437
19513	4,29032,40446	2,22561	19563	4,29143,54549	2,21992	19613	4,29254,40283	2,21427
19514	4,29034,63007	2,22549	19564	4,29145,76541	2,21981	19614	4,29256,61710	2,21415
19515	4,29036,85556	2,22538	19565	4,29147,98522	2,21970	19615	4,29258,83125	2,21403
19516	4,29039,08094	2,22527	19566	4,29150,20492	2,21958	19616	4,29261,04528	2,21393
19517	4,29041,30621	2,22516	19567	4,29152,42450	2,21947	19617	4,29263,25921	2,21381
19518	4,29043,53137	2,22504	19568	4,29154,64397	2,21935	19618	4,29265,47302	2,21370
19519	4,29045,75641	2,22492	19569	4,29156,86332	2,21925	19619	4,29267,68672	2,21358
19520	4,29047,98133	2,22482	19570	4,29159,08257	2,21912	19620	4,29269,90030	2,21348
19521	4,29050,20615	2,22469	19571	4,29161,30169	2,21902	19621	4,29272,11378	2,21336
19522	4,29052,43084	2,22459	19572	4,29163,52071	2,21890	19622	4,29274,32714	2,21325
19523	4,29054,65543	2,22447	19573	4,29165,73961	2,21879	19623	4,29276,54039	2,21313
19524	4,29056,87990	2,22435	19574	4,29167,95840	2,21867	19624	4,29278,75352	2,21302
19525	4,29059,10425	2,22425	19575	4,29170,17707	2,21856	19625	4,29280,96654	2,21291
19526	4,29061,32850	2,22413	19576	4,29172,39563	2,21845	19626	4,29283,17945	2,21280
19527	4,29063,55263	2,22401	19577	4,29174,61408	2,21834	19627	4,29285,39225	2,21268
19528	4,29065,77664	2,22390	19578	4,29176,83242	2,21822	19628	4,29287,60493	2,21257
19529	4,29068,00054	2,22379	19579	4,29179,05064	2,21811	19629	4,29289,81750	2,21246
19530	4,29070,22433	2,22367	19580	4,29181,26875	2,21799	19630	4,29292,02996	2,21235
19531	4,29072,44800	2,22356	19581	4,29183,48674	2,21788	19631	4,29294,24231	2,21223
19532	4,29074,67156	2,22345	19582	4,29185,70462	2,21777	19632	4,29296,45454	2,21212
19533	4,29076,89501	2,22333	19583	4,29187,92239	2,21766	19633	4,29298,66666	2,21201
19534	4,29079,11834	2,22322	19584	4,29190,14005	2,21754	19634	4,29300,87867	2,21189
19535	4,29081,34156	2,22310	19585	4,29192,35759	2,21743	19635	4,29303,09056	2,21178
19536	4,29083,56466	2,22299	19586	4,29194,57502	2,21731	19636	4,29305,30234	2,21167
19537	4,29085,78765	2,22288	19587	4,29196,79233	2,21720	19637	4,29307,51401	2,21156
19538	4,29088,01053	2,22276	19588	4,29199,00953	2,21709	19638	4,29309,72557	2,21144
19539	4,29090,23329	2,22265	19589	4,29201,22662	2,21698	19639	4,29311,93701	2,21134
19540	4,29092,45594	2,22253	19590	4,29203,44360	2,21686	19640	4,29314,14835	2,21121
19541	4,29094,67847	2,22242	19591	4,29205,66046	2,21675	19641	4,29316,35956	2,21111
19542	4,29096,90089	2,22231	19592	4,29207,87721	2,21664	19642	4,29318,57067	2,21099
19543	4,29099,12320	2,22220	19593	4,29210,09385	2,21652	19643	4,29320,78166	2,21089
19544	4,29101,34540	2,22208	19594	4,29212,31037	2,21641	19644	4,29322,99255	2,21076
19545	4,29103,56748	2,22196	19595	4,29214,52678	2,21630	19645	4,29325,20331	2,21066
19546	4,29105,78944	2,22186	19596	4,29216,74308	2,21618	19646	4,29327,41397	2,21054
19547	4,29108,01130	2,22174	19597	4,29218,95926	2,21607	19647	4,29329,62451	2,21044
19548	4,29110,23304	2,22162	19598	4,29221,17533	2,21596	19648	4,29331,83495	2,21031
19549	4,29112,45466	2,22151	19599	4,29223,39129	2,21585	19649	4,29334,04526	2,21021
19550	4,29114,67617	2,22140	19600	4,29225,60714	2,21573	19650	4,29336,25547	2,21009

19651

Chilias 20.

Chilias 20.

Chilias 20.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19651	4,29338,46556	2,20999 2,20987 2,20975 2,20965 2,20953	19701	4,29448,82710	2,20437 2,20426 2,20415 2,20404 2,20393	19751	4,29558,90890	2,19879 2,19868 2,19857 2,19846 2,19835
19652	4,29340,67555		19702	4,29451,03147		19752	4,29561,10769	
19653	4,29342,88542		19703	4,29453,23573		19753	4,29563,30637	
19654	4,29345,09517		19704	4,29455,43988		19754	4,29565,50494	
19655	4,29347,30482		19705	4,29457,64392		19755	4,29567,70340	
19656	4,29349,51435	2,20942 2,20930 2,20920 2,20908 2,20897	19706	4,29459,84785	2,20381 2,20370 2,20359 2,20348 2,20336	19756	4,29569,90175	2,19823 2,19813 2,19801 2,19791 2,19779
19657	4,29351,72377		19707	4,29462,05166		19757	4,29572,09998	
19658	4,29353,93307		19708	4,29464,25536		19758	4,29574,29811	
19659	4,29356,14227		19709	4,29466,45895		19759	4,29576,49612	
19660	4,29358,35135		19710	4,29468,66243		19760	4,29578,69403	
19661	4,29360,56032	2,20886 2,20874 2,20863 2,20852 2,20841	19711	4,29470,86579	2,20326 2,20314 2,20303 2,20292 2,20281	19761	4,29580,89182	2,19768 2,19756 2,19746 2,19735 2,19723
19662	4,29362,76918		19712	4,29473,06905		19762	4,29583,08950	
19663	4,29364,97792		19713	4,29475,27219		19763	4,29585,28706	
19664	4,29367,18655		19714	4,29477,47522		19764	4,29587,48452	
19665	4,29369,39507		19715	4,29479,67814		19765	4,29589,68187	
19666	4,29371,60348	2,20830 2,20818 2,20807 2,20796 2,20785	19716	4,29481,88095	2,20269 2,20259 2,20247 2,20236 2,20225	19766	4,29591,87910	2,19713 2,19701 2,19690 2,19679 2,19668
19667	4,29373,81178		19717	4,29484,08364		19767	4,29594,07623	
19668	4,29376,01996		19718	4,29486,28623		19768	4,29596,27324	
19669	4,29378,22803		19719	4,29488,48870		19769	4,29598,47014	
19670	4,29380,43599		19720	4,29490,69106		19770	4,29600,66693	
19671	4,29382,64384	2,20773 2,20763 2,20751 2,20739 2,20729	19721	4,29492,89331	2,20214 2,20202 2,20192 2,20180 2,20169	19771	4,29602,86361	2,19657 2,19646 2,19634 2,19624 2,19612
19672	4,29384,85157		19722	4,29495,09545		19772	4,29605,06018	
19673	4,29387,05920		19723	4,29497,29747		19773	4,29607,25664	
19674	4,29389,26671		19724	4,29499,49939		19774	4,29609,45298	
19675	4,29391,47410		19725	4,29501,70119		19775	4,29611,64922	
19676	4,29393,68139	2,20717 2,20706 2,20695 2,20684 2,20672	19726	4,29503,90288	2,20158 2,20147 2,20135 2,20125 2,20113	19776	4,29613,84534	2,19601 2,19591 2,19579 2,19568 2,19556
19677	4,29395,88856		19727	4,29506,10446		19777	4,29616,04135	
19678	4,29398,09562		19728	4,29508,30593		19778	4,29618,23726	
19679	4,29400,30257		19729	4,29510,50728		19779	4,29620,43305	
19680	4,29402,50941		19730	4,29512,70853		19780	4,29622,62873	
19681	4,29404,71613	2,20662 2,20650 2,20639 2,20627 2,20617	19731	4,29514,90966	2,20102 2,20091 2,20080 2,20068 2,20058	19781	4,29624,82429	2,19546 2,19535 2,19524 2,19512 2,19501
19682	4,29406,92275		19732	4,29517,11068		19782	4,29627,01975	
19683	4,29409,12925		19733	4,29519,31159		19783	4,29629,21510	
19684	4,29411,33564		19734	4,29521,51239		19784	4,29631,41034	
19685	4,29413,54191		19735	4,29523,71307		19785	4,29633,60546	
19686	4,29415,74808	2,20605 2,20594 2,20583 2,20571 2,20561	19736	4,29525,91365	2,20046 2,20035 2,20024 2,20013 2,20002	19786	4,29635,80047	2,19491 2,19479 2,19468 2,19457 2,19446
19687	4,29417,95413		19737	4,29528,11411		19787	4,29637,99538	
19688	4,29420,16007		19738	4,29530,31446		19788	4,29640,19017	
19689	4,29422,36590		19739	4,29532,51470		19789	4,29642,38485	
19690	4,29424,57161		19740	4,29534,71483		19790	4,29644,57942	
19691	4,29426,77722	2,20549 2,20538 2,20527 2,20515 2,20505	19741	4,29536,91485	2,19991 2,19979 2,19969 2,19957 2,19946	19791	4,29646,77388	2,19435 2,19424 2,19412 2,19402 2,19390
19692	4,29428,98271		19742	4,29539,11476		19792	4,29648,96823	
19693	4,29431,18809		19743	4,29541,31455		19793	4,29651,16247	
19694	4,29433,39336		19744	4,29543,51424		19794	4,29653,35659	
19695	4,29435,59851		19745	4,29545,71381		19795	4,29655,55061	
19696	4,29437,80356	2,20493 2,20482 2,20471 2,20460 2,20448	19746	4,29547,91327	2,19935 2,19923 2,19913 2,19902 2,19890	19796	4,29657,74451	2,19380 2,19368 2,19357 2,19347 2,19335
19697	4,29440,00849		19747	4,29550,11262		19797	4,29659,93831	
19698	4,29442,21331		19748	4,29552,31185		19798	4,29662,13199	
19699	4,29444,41802		19749	4,29554,51098		19799	4,29664,32556	
19700	4,29446,62262		19750	4,29556,71000		19800	4,29666,51903	

19801

Chilias 20.

Chilias 20.

Chilias 20.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19801	4,29668,71238	2,19324 2,19313 2,19302 2,19290 2,19280	19851	4,29778,23894	2,18771 2,18761 2,18749 2,18739 2,18728	19901	4,29887,48997	2,18222 2,18211 2,18200 2,18189 2,18178
19802	4,29670,90562		19852	4,29780,42665		19902	4,29889,67219	
19803	4,29673,09875		19853	4,29782,61426		19903	4,29891,85430	
19804	4,29675,29177		19854	4,29784,80175		19904	4,29894,03630	
19805	4,29677,48467		19855	4,29786,98914		19905	4,29896,21819	
19806	4,29679,67747	2,19269 2,19257 2,19247 2,19235 2,19225	19856	4,29789,17642	2,18716 2,18706 2,18694 2,18684 2,18672	19906	4,29898,39997	2,18168 2,18156 2,18145 2,18134 2,18124
19807	4,29681,87016		19857	4,29791,36358		19907	4,29900,58165	
19808	4,29684,06273		19858	4,29793,55064		19908	4,29902,76321	
19809	4,29686,25520		19859	4,29795,73758		19909	4,29904,94466	
19810	4,29688,44755		19860	4,29797,92442		19910	4,29907,12600	
19811	4,29690,63980	2,19213 2,19202 2,19192 2,19180 2,19169	19861	4,29800,11114	2,18662 2,18650 2,18639 2,18629 2,18617	19911	4,29909,30724	2,18112 2,18101 2,18091 2,18079 2,18069
19812	4,29692,83193		19862	4,29802,29776		19912	4,29911,48836	
19813	4,29695,02395		19863	4,29804,48426		19913	4,29913,66937	
19814	4,29697,21587		19864	4,29806,67065		19914	4,29915,85028	
19815	4,29699,40767		19865	4,29808,85694		19915	4,29918,03107	
19816	4,29701,59936	2,19158 2,19147 2,19136 2,19124 2,19114	19866	4,29811,04311	2,18607 2,18595 2,18585 2,18573 2,18563	19916	4,29920,21176	2,18058 2,18046 2,18036 2,18025 2,18014
19817	4,29703,79094		19867	4,29813,22918		19917	4,29922,39234	
19818	4,29705,98241		19868	4,29815,41513		19918	4,29924,57280	
19819	4,29708,17377		19869	4,29817,60098		19919	4,29926,75316	
19820	4,29710,36501		19870	4,29819,78671		19920	4,29928,93341	
19821	4,29712,55615	2,19103 2,19092 2,19080 2,19070 2,19058	19871	4,29821,97234	2,18551 2,18540 2,18530 2,18518 2,18508	19921	4,29931,11355	2,18003 2,17992 2,17981 2,17970 2,17959
19822	4,29714,74718		19872	4,29824,15785		19922	4,29933,29358	
19823	4,29716,93810		19873	4,29826,34325		19923	4,29935,47350	
19824	4,29719,12890		19874	4,29828,52855		19924	4,29937,65331	
19825	4,29721,31960		19875	4,29830,71373		19925	4,29939,83301	
19826	4,29723,51018	2,19048 2,19036 2,19026 2,19014 2,19003	19876	4,29832,89881	2,18496 2,18486 2,18474 2,18464 2,18452	19926	4,29942,01260	2,17948 2,17937 2,17927 2,17915 2,17904
19827	4,29725,70066		19877	4,29835,08377		19927	4,29944,19208	
19828	4,29727,89102		19878	4,29837,26863		19928	4,29946,37145	
19829	4,29730,08128		19879	4,29839,45337		19929	4,29948,55072	
19830	4,29732,27142		19880	4,29841,63801		19930	4,29950,72987	
19831	4,29734,46145	2,18993 2,18981 2,18970 2,18959 2,18948	19881	4,29843,82253	2,18442 2,18430 2,18420 2,18408 2,18398	19931	4,29952,90891	2,17894 2,17883 2,17871 2,17861 2,17850
19832	4,29736,65138		19882	4,29846,00695		19932	4,29955,08785	
19833	4,29738,84119		19883	4,29848,19125		19933	4,29957,26668	
19834	4,29741,03089		19884	4,29850,37545		19934	4,29959,44539	
19835	4,29743,22048		19885	4,29852,55953		19935	4,29961,62400	
19836	4,29745,40996	2,18937 2,18926 2,18915 2,18904 2,18893	19886	4,29854,74351	2,18386 2,18376 2,18365 2,18353 2,18343	19936	4,29963,80250	2,17839 2,17828 2,17817 2,17806 2,17795
19837	4,29747,59933		19887	4,29856,92737		19937	4,29965,98089	
19838	4,29749,78859		19888	4,29859,11113		19938	4,29968,15917	
19839	4,29751,97774		19889	4,29861,29478		19939	4,29970,33734	
19840	4,29754,16678		19890	4,29863,47831		19940	4,29972,51540	
19841	4,29756,35571	2,18882 2,18871 2,18860 2,18848 2,18838	19891	4,29865,66174	2,18332 2,18320 2,18310 2,18299 2,18288	19941	4,29974,69335	2,17784 2,17774 2,17762 2,17751 2,17741
19842	4,29758,54453		19892	4,29867,84506		19942	4,29976,87119	
19843	4,29760,73324		19893	4,29870,02826		19943	4,29979,04893	
19844	4,29762,92184		19894	4,29872,21136		19944	4,29981,22655	
19845	4,29765,11032		19895	4,29874,39435		19945	4,29983,40406	
19846	4,29767,29870	2,18827 2,18816 2,18804 2,18794 2,18783	19896	4,29876,57723	2,18276 2,18266 2,18255 2,18244 2,18233	19946	4,29985,58147	2,17730 2,17718 2,17708 2,17697 2,17686
19847	4,29769,48697		19897	4,29878,75999		19947	4,29987,75877	
19848	4,29771,67513		19898	4,29880,94265		19948	4,29989,93595	
19849	4,29773,86317		19899	4,29883,12520		19949	4,29992,11303	
19850	4,29776,05111		19900	4,29885,30764		19950	4,29994,29000	

19951

Chilias 20.

Chilias 20.

Chilias 20.

Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.	Num.	Logarithmi	Differ.
19951	4,29996,46686	2,17675	19968	4,30033,45680	2,17490	19984	4,30068,24210	2,17316
19952	4,29998,64361	2,17665	19969	4,30035,63170	2,17479	19985	4,30070,41526	2,17305
19953	4,30000,82026	2,17653	19970	4,30037,80649	2,17468	19986	4,30072,58831	2,17294
19954	4,30002,99679	2,17642	19971	4,30039,98117	2,17457	19987	4,30074,76125	2,17283
19955	4,30005,17321	2,17632	19972	4,30042,15574	2,17446	19988	4,30076,93408	2,17272
19956	4,30007,34953	2,17620	19973	4,30044,33020	2,17435	19989	4,30079,10680	2,17261
19957	4,30009,52573	2,17610	19974	4,30046,50455	2,17425	19990	4,30081,27941	2,17251
19958	4,30011,70183	2,17599	19975	4,30048,67880	2,17413	19991	4,30083,45192	2,17239
19959	4,30013,87782	2,17588	19976	4,30050,85293	2,17403	19992	4,30085,62431	2,17229
19960	4,30016,05370	2,17576	19977	4,30053,02696	2,17392	19993	4,30087,79660	2,17218
19961	4,30018,22946	2,17567	19978	4,30055,20088	2,17381	19994	4,30089,96878	2,17207
19962	4,30020,40513	2,17555	19979	4,30057,37469	2,17370	19995	4,30092,14085	2,17196
19963	4,30022,58068	2,17544	19980	4,30059,54839	2,17359	19996	4,30094,31281	2,17185
19964	4,30024,75612	2,17533	19981	4,30061,72198	2,17348	19997	4,30096,48466	2,17174
19965	4,30026,93145	2,17523	19982	4,30063,89546	2,17338	19998	4,30098,65640	2,17164
19966	4,30029,10668	2,17511	19983	4,30066,06884	2,17326	19999	4,30100,82804	2,17153
19967	4,30031,28179	2,17501	19984	4,30068,24210	2,17316	20000	4,30102,99957	2,17141