



A reconstruction of Gunter's Canon triangulorum (1620)

Denis Roegel

► To cite this version:

Denis Roegel. A reconstruction of Gunter's Canon triangulorum (1620). [Research Report] 2010. inria-00543938

HAL Id: inria-00543938

<https://inria.hal.science/inria-00543938>

Submitted on 6 Dec 2010

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

A reconstruction of Gunter's
Canon triangulorum (1620)

Denis Roegel

6 December 2010

This document is part of the LOCOMAT project:
<http://www.loria.fr/~roegel/locomat.html>

Introduction

*What Briggs did for logarithms of numbers,
Gunter did for logarithms of trigonometrical functions.*

Charles H. Cotter [9]

The first table of decimal logarithms was published by Henry Briggs in 1617 [3]. It contained the decimal logarithms of the first thousand integers. Before that, in 1614, Napier had published tables of “Napierian” logarithms of the sines [24]. Eventually, in 1620, combining these two ideas, Edmund Gunter (1581–1626) was the first to publish a table of decimal logarithms of trigonometric functions. This is the table which is reproduced here.

1 Edmund Gunter (1581–1626)

Edmund Gunter¹ studied at Oxford and became famous for several inventions, in particular for the sector invented in 1606 [18, 40, 47]. Around 1606, after having written an account of a “New projection of the sphere,” he became friends with Henry Briggs [9, p. 363]. Gunter eventually became professor of astronomy at Gresham college in London in 1619 [45].² In 1620, he had the idea of putting a logarithmic scale on a rule, which later was developed into a slide rule.³ After Gunter’s death, Henry Gellibrand (1597–1637) became professor of astronomy at Gresham college.

Gunter’s *Canon triangulorum* [17]⁴ published in 1620 gives the logarithms of the sines and tangents with seven decimal places for every minute of the quadrant, semi-quadrantically arranged. Gunter does not explain how he obtained the logarithms of the sines and tangents and we can only theorize that he used a variant of the radix method later described in detail by Briggs [4]. He must have used the sines from a prior table, perhaps the *Opus palatinum* [28] or the *Thesaurus mathematicus* [27], and computed their logarithms.

¹For good biographical summaries of Gunter, see Cotter [9] and Gray [16].

²Gresham College was a very fluctuating institution, and the main reason for its claim to scientific responsibility was the work and influence of Briggs. The flourishing period of Gresham College ended with the death of Henry Gellibrand in 1636 [1, p. 20].

³We refer the reader to our study on Napier for more details on the origins of slide rules [35]. See also the articles by Robertson [29] and Nicholson [25].

⁴There was apparently also an English edition, perhaps published in 1620 or 1623, but we have not seen it.

Gunter of course needed to compute the logarithms of sines only from 45° to 90° , hence a total of $45 \times 60 = 2700$ logarithms, which could have been computed easily in less than a year. Then, once $\log \sin \alpha$ had been computed for $\alpha \geq 45^\circ$, Gunter may have used the relation $\log \sin \alpha = \log \sin 2\alpha + \log \sin 30^\circ - \log \sin(90^\circ - \alpha)$ for $\alpha < 45^\circ$ and the logarithms of tangents could have been obtained with $\log \tan \alpha = \log \sin \alpha - \log \sin(90^\circ - \alpha)$. By restricting the calculations of the logarithms to an octant, the calculation of the other logarithms introduces errors which accumulate, and perhaps Gunter did not use this method.⁵

Although Gunter's table does not name the cosine and cotangent functions, it also gives their logarithms, since $\log \cos \alpha = \log \sin(90^\circ - \alpha)$ and $\log \cot \alpha = \log \tan(90^\circ - \alpha)$. The cosines and cotangent are only named in the introduction, and this is the first printed use of these words [15, p. 187].

After the publication of his table, Gunter may have been one of the computers who assisted Briggs in the computation of the *Arithmetica logarithmica* published in 1624 or of its planned extension by Briggs [13, p. 381].

A translation of Gunter's table was published in Dutch in 1626 (see [32]) and the table was extended by Vlacq in 1628 in his *Arithmetica logarithmica* [42] (every minute of the quadrant and to 10 places) and in 1633 in his *Trigonometria artificialis* [43] (every 10 seconds and also to 10 places).

2 Structure of the table and recomputation

The structure of the table is straightforward. One page covers half a degree and gives the logarithms of the sines and tangents. The first line of the first page is a special case. Gunter's table gives $\log \sin 0 = \log \tan 0 = 0$, but *Infinitum* only for $\log \tan 90^\circ$. In our reconstruction, we have written *Infinitum* in all three cases, not distinguishing between $-\infty$ and ∞ . Gunter's table also contains minor errors, and these errors have not been reproduced. Our reconstruction is therefore not a facsimile, but an "ideal" table.

Although the sines of the quadrant were considered between 0 and 1, and the conventions of the decimal logarithms were well established by Briggs in his first table [3], Gunter actually did not give the values of $\log \sin x$ and $\log \tan x$, but "shifted" values of the logarithms. These values can best be viewed as the logarithms of the scaled sines and tangents. The scale factor in this case is 10^{10} and is unrelated to the number of decimal places in the table. By using such a scale factor, and in fact by considering that the whole sine has a logarithm of 10, all logarithms are positive and the characteristics of all the logarithms of the sines have only one digit, except for the whole sine. The characteristics of the logarithms of the tangents are 10 or more in

⁵The accumulation of errors was also described later by Prony [38].

the second half of the quadrant. This convention was later used by Briggs in his *Trigonometria britannica* [5].

For instance, $\log \sin 1^\circ = -1.758144\dots$, $10 + \log \sin 1^\circ = 8.241855\dots$ and Gunter's table contains 82418553.

For the cotangents, since they are greater than 1, the table contains 9 digit values. For instance, $\log \cot 0^\circ.5 = 2.05914160\dots$ and Gunter's table gives the value 120591415.

In our reconstruction, the table has been enlarged, the original book having the dimensions $9\text{ cm} \times 14.4\text{ cm}$, that is, less than a fourth of an A4 page.

The table was recomputed using the GNU `mpfr` multiple-precision floating-point library developed at INRIA [12], and gives the exact values. The comparison of our table and Gunter's will therefore immediately show where Gunter's table contains errors.

M	Sin. O		Tan. O	
30	7940 8418	9999 9834	7940 8584	12059 1416
31	55 0819	9823	55 0996	44 9004
32	68 8698	9812	68 8886	31 1113
33	82 2333	9800	82 2533	17 7466
34	95 1979	9787	95 2192	04 7807
35	8007 7866	9774	8007 8091	11992 1908
36	20 0206	9761	20 0445	79 9554
37	31 9194	9748	31 9446	68 0553
38	43 5008	9734	43 5274	56 4725
39	54 7814	9720	54 8193	45 1806
40	65 7763	9706	65 8057	34 1942
41	76 4996	9691	76 5305	23 4694
42	86 9646	9675	86 9970	13 0029
43	97 1832	9660	97 2172	02 7827
44	8107 1669	9644	8107 2025	11892 7974
45	16 9262	9628	16 9634	83 0365
46	26 4709	9611	26 5098	73 4901
47	35 8104	9594	35 5510	64 1489
48	44 9532	9576	44 9955	55 0044
49	53 9075	9558	53 9516	46 0483
50	62 6808	9540	62 7367	37 2632
51	71 2803	9522	71 3281	28 6718
52	79 7129	9503	79 7626	20 2374
53	87 9847	9484	88 0363	11 9636
54	96 1020	9464	96 1555	03 8444
55	8204 0702	9444	8204 1258	11795 8741
56	11 8949	9423	11 9525	88 0474
57	19 5810	9403	19 6407	80 3592
58	27 1335	9382	27 1953	72 8046
59	34 5568	9360	34 6207	65 3792
60	41 8553	9338	41 9214	58 0785
		Sin. 89.		Tan. 89. M

A 4

A page from Gunter's canon.

References

The following list covers the most important references⁶ related to Gunter'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.

- [1] Ian R. Adamson. The administration of Gresham College and its fluctuating fortunes as a scientific institution in the seventeenth century. *History of Education*, 9(1):13–25, March 1980.
- [2] Anonymous. Gunter, Edmund. In *The Encyclopædia Britannica (11th edition)*, volume 12, pages 729–730. New York, 1910.
- [3] Henry Briggs. *Logarithmorum chilias prima*. London, 1617. [The tables were reconstructed by D. Roegel in 2010. [31]]
- [4] Henry Briggs. *Arithmetica logarithmica*. London: William Jones, 1624. [The tables were reconstructed by D. Roegel in 2010. [34]]
- [5] Henry Briggs and Henry Gellibrand. *Trigonometria Britannica*. Gouda: Pieter Rammazeyn, 1633. [The tables were reconstructed by D. Roegel in 2010. [33]]
- [6] Florian Cajori. On the history of Gunter's scale and the slide rule during the seventeenth century. *University of California publications in Mathematics*, 1(9):187–209, 1920.
- [7] Moritz Cantor. *Vorlesungen über Geschichte der Mathematik*. Leipzig: B. G. Teubner, 1900. [volume 2, p. 743 on Gunter]
- [8] Lesley B. Cormack. *Charting an empire*. Chicago: University of Chicago Press, 1997.
- [9] Charles Henry Cotter. Edmund Gunter (1581–1626). *Journal of navigation*, 34(3):363–367, 1981.

⁶**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.

- [10] Mordechai Feingold. *The mathematicians' apprenticeship: science, universities and society in England, 1560–1640*. Cambridge: Cambridge University Press, 1984.
- [11] Alan Fletcher, Jeffery Charles Percy Miller, Louis Rosenhead, and Leslie John Comrie. *An index of mathematical tables*. Oxford: Blackwell scientific publications Ltd., 1962. [2nd edition (1st in 1946), 2 volumes]
- [12] Laurent Fousse, Guillaume Hanrot, Vincent Lefèvre, Patrick Pélissier, and Paul Zimmermann. MPFR: A multiple-precision binary floating-point library with correct rounding. *ACM Transactions on Mathematical Software*, 33(2), 2007.
- [13] James Whitbread Lee Glaisher. On early logarithmic tables, and their calculators. *The London, Edinburgh and Dublin Philosophical Magazine and Journal of Science*, Series 4, 45(301):376–382, May 1873.
- [14] James Whitbread Lee Glaisher. *Report of the committee on mathematical tables*. London: Taylor and Francis, 1873. [Also published as part of the “Report of the forty-third meeting of the British Association for the advancement of science,” London: John Murray, 1874.] [see p. 65 for the description of Gunter’s table]
- [15] James Whitbread Lee Glaisher. The earliest use of the radix method for calculating logarithms, with historical notices relating to the contributions of Oughtred and others to mathematical notation. *The Quarterly journal of pure and applied mathematics*, 46:125–197, 1915.
- [16] George John Gray. Edmund Gunter. In *Dictionary of National Biography*, volume 8, pages 793–794. London: Smith, Elder, & Co., 1908. [volume 23 (1890) in the first edition]
- [17] Edmund Gunter. *Canon triangulorum, sive tabulæ sinuum et tangentium artificialium ad radium 10000,0000. & ad scrupula prima quadrantis*. London: William Jones, 1620.
- [18] Edmund Gunter. *De sectore & radio. The description and use of the sector in three bookes. The description and use of the cross-staffe in other three bookes. For such as are studious of mathematicall practise*. London: William Jones, 1623. [not seen]
- [19] James Henderson. *Bibliotheca tabularum mathematicarum, being a descriptive catalogue of mathematical tables. Part I: Logarithmic tables (A. Logarithms of numbers)*, volume XIII of *Tracts for computers*. London: Cambridge University Press, 1926.

- [20] Christopher Hill. *Intellectual origins of the English Revolution revisited*. Oxford: Clarendon press, 1997.
- [21] Charles Hutton. *Mathematical tables, etc.* London, 1811. [fifth edition, see pp. 35–36 on Gunter]
- [22] Graham Jagger. The making of logarithm tables. In Martin Campbell-Kelly, Mary Croarken, Raymond Flood, and Eleanor Robson, editors, *The history of mathematical tables: from Sumer to spreadsheets*, pages 48–77. Oxford: Oxford University Press, 2003.
- [23] William Mountaine. *A description of the lines drawn on Gunter’s scale, as improved by Mr. John Robertson, late librarian to the Royal Society, etc.* London: Nairne and Blunt, 1778.
- [24] John Napier. *Mirifici logarithmorum canonis descriptio*. Edinburgh: Andrew Hart, 1614. [Recomputed in 2010 by D. Roegel [35].]
- [25] William Nicholson. The principles and illustration of an advantageous method of arranging the differences of logarithms, on lines graduated for the purpose of computation. *Philosophical Transactions of the Royal Society of London*, 77:246–252, 1787.
- [26] Jon V. Pepper. Edmund Gunter. In Charles Coulston Gillispie, editor, *Dictionary of Scientific Biography*, volume 5, pages 593–594. New York: Charles Scribner’s Sons, 1981.
- [27] Bartholomaeus Pitiscus. *Thesaurus mathematicus sive canon sinuum ad radium 1. 00000. 00000. 00000. et ad dena quæque scrupula secunda quadrantis : una cum sinibus primi et postremi gradus, ad eundem radium, et ad singula scrupula secunda quadrantis : adiunctis ubique differentiis primis et secundis; atque, ubi res tulit, etiam tertijs.* Frankfurt: Nicolaus Hoffmann, 1613. [The tables were reconstructed by D. Roegel in 2010. [36]]
- [28] Georg Joachim Rheticus and Valentinus Otho. *Opus palatinum de triangulis*. Neustadt: Matthaeus Harnisch, 1596. [This table was recomputed in 2010 by D. Roegel [37].]
- [29] John Robertson. The construction of the logarithmic lines on the Gunter’s scale. *Philosophical Transactions of the Royal Society of London*, 48:96–103, 1753.
- [30] Denis Roegel. A reconstruction of Adriaan Vlacq’s tables in the *Trigonometria artificialis* (1633). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [43].]

- [31] Denis Roegel. A reconstruction of Briggs’s *Logarithmorum chilias prima* (1617). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [3].]
- [32] Denis Roegel. A reconstruction of De Decker-Vlacq’s tables in the *Arithmetica logarithmica* (1628). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [42].]
- [33] Denis Roegel. A reconstruction of the tables of Briggs and Gellibrand’s *Trigonometria Britannica* (1633). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [5].]
- [34] Denis Roegel. A reconstruction of the tables of Briggs’ *Arithmetica logarithmica* (1624). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [4].]
- [35] Denis Roegel. A reconstruction of the tables of Napier’s *descriptio* (1614). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [24].]
- [36] Denis Roegel. A reconstruction of the tables of Pitiscus’ *Thesaurus Mathematicus* (1613). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [27].]
- [37] Denis Roegel. A reconstruction of the tables of Rheticus’s *Opus Palatinum* (1596). Technical report, LORIA, Nancy, 2010. [This is a recalculation of the tables of [28].]
- [38] Denis Roegel. The great logarithmic and trigonometric tables of the French Cadastre: a preliminary investigation. Technical report, LORIA, Nancy, 2010.
- [39] Richard P. Ross. The social and economic causes of the Revolution in the mathematical sciences in mid-seventeenth-century England. *The Journal of British Studies*, 15(1):46–66, 1975.
- [40] Christopher J. Sangwin. Edmund Gunter and the sector, 2003.
- [41] Glen van Brummelen. *The mathematics of the heavens and the Earth: the early history of trigonometry*. Princeton: Princeton University Press, 2009.
- [42] Adriaan Vlacq. *Arithmetica logarithmica*. Gouda: Pieter Rammazeyn, 1628. [The introduction was reprinted in 1976 by Olms and the tables were reconstructed by D. Roegel in 2010 [32].]

- [43] Adriaan Vlacq. *Trigonometria artificialis*. Gouda: Pieter Rammazeyn, 1633. [The tables were reconstructed by D. Roegel in 2010. [30]]
- [44] Anton von Braunmühl. *Vorlesungen über Geschichte der Trigonometrie*. Leipzig: B. G. Teubner, 1900, 1903. [2 volumes]
- [45] John Ward. *The lives of the professors of Gresham College*. London: John Moore, 1740. [pp. 77–81 on Gunter]
- [46] J. Frederick Lake Williams. *An historical account of inventions and discoveries in those arts and sciences, which are of utility or ornament to man, etc.* London: T. and J. Allman, 1820. [vol. 2, pp. 65–70 are a memoir on Edmund Gunter]
- [47] Michael Roy Williams and Erwin Tomash. The sector: its history, scales, and uses. *IEEE Annals of the History of Computing*, 25(1):34–47, January–March 2003.
- [48] Mary Claudia Zeller. *The development of trigonometry from Regiomontanus to Pitiscus*. PhD thesis, University of Michigan, 1944. [published in 1946]

Gunter's table (reconstruction, D. Roegel, 2010)

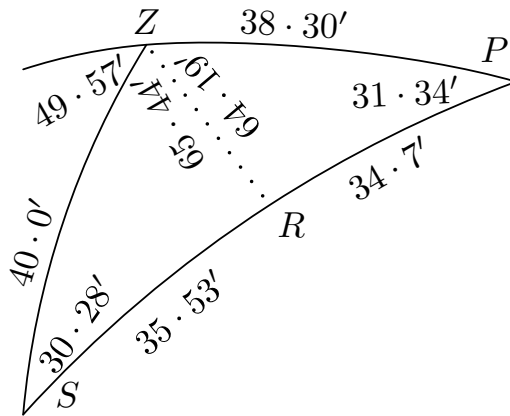
CANON TRIANGVLORVM,

SIVE

Tabulæ Sinuum et Tangen- *tium artificialium ad Radium*

10000.0000, & ad scrupula
prima quadrantis.

Per EDM: GVNTER, Professore
Astronomiæ in Collegio
Greshamensi.



LONDINI,

Excudebat *Gulielmus Iones.*

MDCXX.

Gunter's table (reconstruction, D. Roegel, 2010)

HONORATIS- SIMO DOMINO

Dn. *Iohanni Egerton*, Comiti

de *Bridgewater*, Vicecomiti de
Brackley, Baroni de *Ellesmere*

Hunc suum Canonem
Triangulorum

D D

EDM. GUNTER.

Descriptio Canonis.

Canon noster sex habet columnas, duabus lineis a se invicem distinctas.

Quarũ prima est arcuũ ab 0, in 45 Gra. sexta arcuum a 45 Gra. in quadrantem, reliquæ quatuor intermediæ continent *Sinus & Tangentes* horum arcuum. Sunt autem *Sinus* nostri non semisses subtensarum, et *Tangentes* non perpendiculares ab extremitate diametri : sed numeri propij eorũ loco substitutum quos propterea cum primo inventore DOMINO MARCHISTONIJ artificiales decimus. Atq; ita secunda colũna et quarta cõtinent *Sinus & Tangentes* arcuũ prjmæ columnæ, tertia columna & quinta *Sinus & Tangentes* arcuũ sextæ colũnæ.

Vt si quæretur sinus artificialis nostræ latitudinis quæ *Londini* est Gra. 51. M 32. Invenies *sinũ* 51. in ima parte paginæ, & minuta 32. in sexta columna, cõmunis angulus dat 9893.7452, pro *sinu* quæsito, cui in eadem linea respondet sinus cõplementi 9793.8317, quem brevitatis causa *cosinũ* dicimus. Similiter *tangens* Gra. 51. M. 32. est 10099.9134, & *cotangens* 9900.0865. *Secantes* quoties vsus postulat suppleri poterunt auserendo *cosinum* è duplo radij.

Vt duplum <i>radij</i> sit	20000	0000
Hinc auser <i>cosinũ</i> Gra. 51. M. 32.	9793	8317
Fiet secans Gra. 51. M. 32.	10206	1682

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin. o</i>				<i>Tan. o</i>				
o	<i>Infinitum</i>		10000	0000	<i>Infinitum</i>		<i>Infinitum</i>		60
1	6463	7261	9999	0000	6463	7261	13536	2739	59
2	764	7561		9999	764	7562	235	2438	58
3	940	8473		9998	940	8475	059	1525	57
4	7065	7860		9997	7065	7863	12934	2137	56
5	162	6960		9995	162	6964	837	3036	55
6	241	8771		9993	241	8778	758	1222	54
7	7308	8239		9991	7308	8248	12691	1752	53
8	66	8157		9988	66	8169	33	1831	52
9	7417	9681		9985	7417	9696	12582	0304	51
10	63	7255		9982	63	7273	36	2727	50
11	7505	1181		9978	7505	1203	12494	8797	49
12	42	9065		9974	42	9091	57	0909	48
13	77	6684		9969	77	6715	22	3285	47
14	7609	8530		9964	7609	8566	12390	1434	46
15	39	8160		9959	39	8201	60	1799	45
16	67	8445		9953	67	8492	32	1508	44
17	94	1733		9947	94	1786	05	8214	43
18	7718	9966		9940	7719	0026	12280	9974	42
19	42	4775		9934	42	4841	57	5159	41
20	64	7537		9927	64	7610	35	2390	40
21	85	9427		9919	85	9508	14	0492	39
22	7806	1458		9911	7806	1547	12193	8453	38
23	25	4507		9903	25	4604	74	5396	37
24	43	9338		9894	43	9444	56	0556	36
25	61	6623		9885	61	6738	38	3262	35
26	78	6953		9876	78	7077	21	2923	34
27	95	0854		9866	95	0988	04	9012	33
28	7910	8793		9856	7910	8938	12089	1062	32
29	26	1190		9845	26	1344	73	8656	31
30	40	8419		9835	40	8584	59	1416	30
			<i>Sin. 89</i>				<i>Tan. 89</i>		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> o				<i>Tan.</i> o				
30	7940	8419	9999	9835	7940	8584	12059	1416	30
31	55	0819		9823	55	0996	44	9004	29
32	68	8698		9812	68	8886	31	1114	28
33	82	2334		9800	82	2534	17	7466	27
34	95	1980		9788	95	2192	04	7808	26
35	8007	7867		9775	8007	8092	11992	1908	25
36	20	0207		9762	20	0445	79	9555	24
37	31	9195		9748	31	9446	68	0554	23
38	43	5009		9735	43	5274	56	4726	22
39	54	7814		9721	54	8094	45	1906	21
40	65	7763		9706	65	8057	34	1943	20
41	76	4997		9691	76	5306	23	4694	19
42	86	9646		9676	86	9970	13	0030	18
43	97	1832		9660	97	2172	02	7828	17
44	8107	1669		9644	8107	2025	11892	7975	16
45	16	9262		9628	16	9634	83	0366	15
46	26	4710		9611	26	5099	73	4901	14
47	35	8104		9594	35	8510	64	1490	13
48	44	9532		9577	44	9956	55	0044	12
49	53	9075		9559	53	9516	46	0484	11
50	62	6808		9541	62	7267	37	2733	10
51	71	2804		9522	71	3282	28	6718	9
52	79	7129		9503	79	7626	20	2374	8
53	87	9848		9484	88	0364	11	9636	7
54	96	1020		9464	96	1556	03	8444	6
55	8204	0703		9444	8204	1259	11795	8741	5
56	11	8949		9424	11	9526	88	0474	4
57	19	5811		9403	19	6408	80	3592	3
58	27	1335		9382	27	1953	72	8047	2
59	34	5568		9360	34	6208	65	3792	1
60	41	8553		9338	41	9215	58	0785	0
			<i>Sin.</i> 89				<i>Tan.</i> 89		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 1				<i>Tan.</i> 1				
0	8241	8553	9999	9338	8241	9215	11758	0785	60
1	49	0332		9316	49	1015	50	8985	59
2	56	0943		9294	56	1649	43	8351	58
3	63	0424		9271	63	1153	36	8847	57
4	69	8810		9247	69	9563	30	0437	56
5	76	6136		9224	76	6912	23	3088	55
6	83	2434		9200	83	3234	16	6766	54
7	89	7734		9175	89	8559	10	1441	53
8	96	2067		9150	96	2917	03	7083	52
9	8302	5460		9125	8302	6335	11697	3665	51
10	08	7941		9100	08	8842	91	1158	50
11	14	9536		9074	15	0462	84	9538	49
12	21	0269		9047	21	1221	78	8779	48
13	27	0163		9021	27	1143	72	8857	47
14	32	9243		8994	33	0249	66	9751	46
15	38	7529		8966	38	8563	61	1437	45
16	44	5043		8939	44	6105	55	3895	44
17	50	1805		8911	50	2895	49	7105	43
18	55	7835		8882	55	8953	44	1047	42
19	61	3150		8853	61	4297	38	5703	41
20	66	7769		8824	66	8945	33	1055	40
21	72	1710		8794	72	2915	27	7085	39
22	77	4988		8764	77	6223	22	3777	38
23	82	7620		8734	82	8886	17	1114	37
24	87	9622		8703	88	0918	11	9082	36
25	93	1008		8672	93	2336	06	7664	35
26	98	1793		8641	98	3152	01	6848	34
27	8403	1990		8609	8403	3381	11596	6619	33
28	08	1614		8577	08	3037	91	6963	32
29	13	0676		8544	13	2132	86	7868	31
30	17	9190		8512	18	0679	81	9321	30
			<i>Sin.</i> 88				<i>Tan.</i> 88		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 1				<i>Tan.</i> 1				
30	84	17 9190	9999	8512	84	18 0679	11581	9321	30
31	22	7168		8478	22	8690	77	1310	29
32	27	4621		8445	27	6176	72	3824	28
33	32	1561		8411	32	3150	67	6850	27
34	36	7999		8376	36	9622	63	0378	26
35	41	3944		8342	41	5603	58	4397	25
36	45	9409		8306	46	1103	53	8897	24
37	50	4402		8271	50	6131	49	3869	23
38	54	8934		8235	55	0699	44	9301	22
39	59	3013		8199	59	4814	40	5186	21
40	63	6649		8162	63	8486	36	1514	20
41	67	9850		8125	68	1725	31	8275	19
42	72	2626		8088	72	4538	27	5462	18
43	76	4984		8050	76	6933	23	3067	17
44	80	6932		8012	80	8920	19	1080	16
45	84	8479		7974	85	0505	14	9495	15
46	88	9632		7935	89	1696	10	8304	14
47	93	0398		7896	93	2502	06	7498	13
48	97	0784		7856	97	2928	02	7072	12
49	85	01 0798		7817	85	01 2982	11	498 7018	11
50	05	0447		7776	05	2671	94	7329	10
51	08	9736		7736	09	2001	90	7999	9
52	12	8673		7695	13	0978	86	9022	8
53	16	7264		7653	16	9610	83	0390	7
54	20	5514		7612	20	7902	79	2098	6
55	24	3430		7570	24	5860	75	4140	5
56	28	1017		7527	28	3490	71	6510	4
57	31	8281		7484	32	0797	67	9203	3
58	35	5228		7441	35	7787	64	2213	2
59	39	1863		7398	39	4466	60	5534	1
60	42	8192		7354	43	0838	56	9162	0
			<i>Sin.</i> 88				<i>Tan.</i> 88		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 2				<i>Tan.</i> 2				
0	8542	8192	9999	7354	8543	0838	11456	9162	60
1	6	4218		7309	6	6909	3	3091	59
2	9	9948		7265	8550	2683	11449	7317	58
3	8553	5386		7220	3	8166	6	1834	57
4	7	0536		7174	7	3362	2	6638	56
5	8560	5404		7128	8560	8276	11439	1724	55
6	3	9994		7082	4	2912	5	7088	54
7	7	4310		7036	7	7275	2	2725	53
8	8570	8357		6989	8571	1368	11428	8632	52
9	4	2139		6942	4	5197	5	4803	51
10	7	5660		6894	7	8766	2	1234	50
11	8580	8923		6846	8581	2077	11418	7923	49
12	4	1933		6798	4	5136	5	4864	48
13	7	4694		6749	7	7945	2	2055	47
14	8590	7209		6700	8591	0509	11408	9491	46
15	3	9483		6650	4	2832	5	7168	45
16	7	1517		6601	7	4917	2	5083	44
17	8600	3317		6550	8600	6767	11399	3233	43
18	3	4886		6500	3	8386	6	1614	42
19	6	6226		6449	6	9777	3	0223	41
20	9	7341		6398	8610	0943	11389	9057	40
21	8612	8235		6346	3	1889	6	8111	39
22	5	8910		6294	6	2616	3	7384	38
23	8	9369		6242	9	3127	0	6873	37
24	8621	9616		6189	8622	3427	11377	6573	36
25	4	9653		6136	5	3518	4	6482	35
26	7	9484		6082	8	3402	1	6598	34
27	8630	9111		6028	8631	3083	11368	6917	33
28	3	8537		5974	4	2563	5	7437	32
29	6	7764		5919	7	1845	2	8155	31
30	9	6796		5865	8640	0931	11359	9069	30
			<i>Sin.</i> 87				<i>Tan.</i> 87		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin. 2</i>				<i>Tan. 2</i>				
30	8639	6796	9999	5865	8640	0931	11359	9069	30
31	8642	5634		5809	2	9825	7	0175	29
32		5 4282		5753	5	8528	4	1472	28
33		8 2742		5697	8	7044	1	2956	27
34	8651	1016		5641	8651	5375	11348	4625	26
35		3 9107		5584	4	3522	5	6478	25
36		6 7017		5527	7	1490	2	8510	24
37		9 4748		5469	9	9279	0	0721	23
38	8662	2303		5411	8662	6891	11337	3109	22
39		4 9684		5353	5	4331	4	5669	21
40		7 6893		5295	8	1598	1	8402	20
41	8670	3932		5236	8670	8697	11329	1303	19
42		3 0804		5176	3	5628	6	4372	18
43		5 7510		5116	6	2393	3	7607	17
44		8 4052		5056	8	8996	1	1004	16
45	8681	0433		4996	8681	5437	11318	4563	15
46		3 6654		4935	4	1719	5	8281	14
47		6 2718		4874	6	7844	3	2156	13
48		8 8625		4812	9	3813	0	6187	12
49	8691	4379		4750	8691	9629	11308	0371	11
50		3 9980		4688	4	5292	5	4708	10
51		6 5431		4625	7	0806	2	9194	9
52		9 0734		4562	9	6172	0	3828	8
53	8701	5889		4498	8702	1390	11297	8610	7
54		4 0899		4435	4	6465	5	3535	6
55		6 5766		4370	7	1395	2	8605	5
56		9 0490		4306	9	6185	0	3815	4
57	8711	5075		4241	8712	0834	11287	9166	3
58		3 9520		4176	4	5345	5	4655	2
59		6 3829		4110	6	9719	3	0281	1
60		8 8002		4044	9	3958	0	6042	0
			<i>Sin. 87</i>				<i>Tan. 87</i>		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 3				<i>Tan.</i> 3				
0	8718	8002	9999	4044	8719	3958	11280	6042	60
1	8721	2040		3978	8721	8063	11278	1937	59
2	3	5946		3911	4	2035	5	7965	58
3	5	9721		3844	6	5877	3	4123	57
4	8	3366		3776	8	9589	1	0411	56
5	8730	6882		3708	8731	3174	11268	6826	55
6	3	0272		3640	3	6631	6	3369	54
7	5	3535		3572	5	9964	4	0036	53
8	7	6675		3503	8	3172	1	6828	52
9	9	9691		3433	8740	6258	11259	3742	51
10	8742	2586		3364	2	9222	7	0778	50
11	4	5360		3293	5	2067	4	7933	49
12	6	8015		3223	7	4792	2	5208	48
13	9	0553		3152	9	7400	0	2600	47
14	8751	2973		3081	8751	9892	11248	0108	46
15	3	5278		3009	4	2269	5	7731	45
16	5	7469		2938	6	4531	3	5469	44
17	7	9546		2865	8	6681	1	3319	43
18	8760	1512		2793	8760	8719	11239	1281	42
19	2	3366		2720	3	0647	6	9353	41
20	4	5111		2646	5	2465	4	7535	40
21	6	6747		2572	7	4175	2	5825	39
22	8	8275		2498	9	5777	0	4223	38
23	8770	9697		2424	8771	7274	11228	2726	37
24	3	1014		2349	3	8665	6	1335	36
25	5	2226		2274	5	9952	4	0048	35
26	7	3334		2198	8	1136	1	8864	34
27	9	4340		2122	8780	2218	11219	7782	33
28	8781	5244		2046	2	3199	7	6801	32
29	3	6048		1969	4	4079	5	5921	31
30	5	6753		1892	6	4861	3	5139	30
			<i>Sin.</i> 86				<i>Tan.</i> 86		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 3				<i>Tan.</i> 3				
30	8785	6753	9999	1892	8786	4861	11213	5139	30
31	7	7359		1815	8	5544	1	4456	29
32	9	7867		1737	8790	6130	11209	3870	28
33	8791	8278		1659	2	6620	7	3380	27
34	3	8594		1580	4	7014	5	2986	26
35	5	8814		1501	6	7313	3	2687	25
36	7	8941		1422	8	7519	1	2481	24
37	9	8974		1342	8800	7632	11199	2368	23
38	8801	8915		1262	2	7653	7	2347	22
39	3	8764		1182	4	7583	5	2417	21
40	5	8523		1101	6	7422	3	2578	20
41	7	8192		1020	8	7172	1	2828	19
42	9	7772		0938	8810	6834	11189	3166	18
43	8811	7264		0856	2	6407	7	3593	17
44	3	6668		0774	4	5894	5	4106	16
45	5	5985		0691	6	5294	3	4706	15
46	7	5217		0608	8	4608	1	5392	14
47	9	4363		0525	8820	3838	11179	6162	13
48	8821	3425		0441	2	2984	7	7016	12
49	3	2404		0357	4	2046	5	7954	11
50	5	1299		0273	6	1026	3	8974	10
51	7	0112		0188	7	9924	2	0076	9
52	8	8844		0103	9	8741	0	1259	8
53	8830	7495		0017	8831	7478	11168	2522	7
54	2	6066	9998	9931	3	6134	6	3866	6
55	4	4557		9845	5	4712	4	5288	5
56	6	2969		9758	7	3211	2	6789	4
57	8	1304		9671	9	1633	0	8367	3
58	9	9561		9584	8840	9977	11159	0023	2
59	8841	7741		9496	2	8245	7	1755	1
60	3	5845		9408	4	6437	5	3563	0
			<i>Sin.</i> 86				<i>Tan.</i> 86		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 4				<i>Tan.</i> 4				
0	8843	5845	9998	9408	8844	6437	11155	3563	60
1	5	3874		9319	6	4554	3	5446	59
2	7	1827		9230	8	2597	1	7403	58
3	8	9707		9141	8850	0566	11149	9434	57
4	8850	7512		9052	1	8461	8	1539	56
5	2	5245		8962	3	6283	6	3717	55
6	4	2905		8871	5	4034	4	5966	54
7	6	0493		8780	7	1713	2	8287	53
8	7	8010		8689	8	9321	1	0679	52
9	9	5457		8598	8860	6859	11139	3141	51
10	8861	2833		8506	2	4327	7	5673	50
11	3	0139		8414	4	1725	5	8275	49
12	4	7376		8321	5	9055	4	0945	48
13	6	4545		8228	7	6317	2	3683	47
14	8	1646		8135	9	3511	0	6489	46
15	9	8680		8041	8871	0638	11128	9362	45
16	8871	5646		7947	2	7699	7	2301	44
17	3	2546		7853	4	4694	5	5306	43
18	4	9381		7758	6	1623	3	8377	42
19	6	6150		7663	7	8487	2	1513	41
20	8	2854		7567	9	5286	0	4714	40
21	9	9493		7471	8881	2022	11118	7978	39
22	8881	6069		7375	2	8694	7	1306	38
23	3	2581		7278	4	5303	5	4697	37
24	4	9031		7181	6	1850	3	8150	36
25	6	5418		7084	7	8334	2	1666	35
26	8	1743		6986	9	4757	0	5243	34
27	9	8007		6888	8891	1119	11108	8881	33
28	8891	4209		6790	2	7420	7	2580	32
29	3	0351		6691	4	3660	5	6340	31
30	4	6433		6591	5	9842	4	0158	30
			<i>Sin.</i> 85				<i>Tan.</i> 85		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 4				<i>Tan.</i> 4				
30	8894	6433	9998	6591	8895	9842	11104	0158	30
31	6	2455		6492	7	5963	2	4037	29
32	7	8418		6392	9	2026	0	7974	28
33	9	4322		6292	8900	8030	11099	1970	27
34	8901	0168		6191	2	3977	7	6023	26
35	2	5955		6090	3	9866	6	0134	25
36	4	1685		5988	5	5697	4	4303	24
37	5	7358		5886	7	1472	2	8528	23
38	7	2975		5784	8	7190	1	2810	22
39	8	8535		5682	8910	2853	11089	7147	21
40	8910	4039		5579	1	8460	8	1540	20
41	1	9487		5475	3	4012	6	5988	19
42	3	4881		5372	4	9509	5	0491	18
43	5	0219		5268	6	4952	3	5048	17
44	6	5504		5163	8	0340	1	9660	16
45	8	0734		5058	9	5675	0	4325	15
46	9	5911		4953	8921	0957	11078	9043	14
47	8921	1034		4848	2	6186	7	3814	13
48	2	6105		4742	4	1363	5	8637	12
49	4	1123		4636	5	6487	4	3513	11
50	5	6089		4529	7	1560	2	8440	10
51	7	1003		4422	8	6581	1	3419	9
52	8	5866		4315	8930	1552	11069	8448	8
53	8930	0678		4207	1	6471	8	3529	7
54	1	5439		4099	3	1340	6	8660	6
55	3	0150		3990	4	6160	5	3840	5
56	4	4811		3881	6	0929	3	9071	4
57	5	9422		3772	7	5650	2	4350	3
58	7	3983		3663	9	0321	0	9679	2
59	8	8496		3553	8940	4944	11059	5056	1
60	8940	2960		3442	1	9518	8	0482	0
			<i>Sin.</i> 85				<i>Tan.</i> 85		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 5				<i>Tan.</i> 5				
0	8940	2960	9998	3442	8941	9518	11058	0482	60
1	1	7376		3332	3	4044	6	5956	59
2	3	1743		3220	4	8523	5	1477	58
3	4	6063		3109	6	2954	3	7046	57
4	6	0335		2997	7	7338	2	2662	56
5	7	4561		2885	9	1676	0	8324	55
6	8	8739		2772	8950	5967	11049	4033	54
7	8950	2871		2660	2	0211	7	9789	53
8	1	6957		2546	3	4410	6	5590	52
9	3	0996		2433	4	8564	5	1436	51
10	4	4991		2318	6	2672	3	7328	50
11	5	8940		2204	7	6735	2	3265	49
12	7	2843		2089	9	0754	0	9246	48
13	8	6703		1974	8960	4728	11039	5272	47
14	8960	0517		1859	1	8659	8	1341	46
15	1	4288		1743	3	2545	6	7455	45
16	2	8014		1626	4	6388	5	3612	44
17	4	1697		1510	6	0188	3	9812	43
18	5	5337		1393	7	3944	2	6056	42
19	6	8934		1275	8	7658	1	2342	41
20	8	2487		1158	8970	1330	11029	8670	40
21	9	5999		1040	1	4959	8	5041	39
22	8970	9468		0921	2	8547	7	1453	38
23	2	2895		0802	4	2092	5	7908	37
24	3	6280		0683	5	5597	4	4403	36
25	4	9624		0563	6	9060	3	0940	35
26	6	2926		0443	8	2483	1	7517	34
27	7	6188		0323	9	5865	0	4135	33
28	8	9408		0202	8980	9206	11019	0794	32
29	8980	2589		0081	2	2507	7	7493	31
30	1	5729	9997	9960	3	5769	6	4231	30
			<i>Sin.</i> 84				<i>Tan.</i> 84		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 5				<i>Tan.</i> 5				
30	8981	5729	9997	9960	8983	5769	11016	4231	30
31	2	8829		9838	4	8991	5	1009	29
32	4	1889		9716	6	2173	3	7827	28
33	5	4910		9593	7	5317	2	4683	27
34	6	7891		9470	8	8421	1	1579	26
35	8	0834		9347	8990	1487	11009	8513	25
36	9	3737		9223	1	4514	8	5486	24
37	8990	6602		9099	2	7503	7	2497	23
38	1	9429		8975	4	0454	5	9546	22
39	3	2217		8850	5	3367	4	6633	21
40	4	4968		8725	6	6243	3	3757	20
41	5	7681		8599	7	9081	2	0919	19
42	7	0356		8473	9	1883	0	8117	18
43	8	2994		8347	9000	4647	10999	5353	17
44	9	5595		8220	1	7375	8	2625	16
45	9000	8160		8093	3	0066	6	9934	15
46	2	0687		7966	4	2721	5	7279	14
47	3	3179		7838	5	5340	4	4660	13
48	4	5634		7710	6	7924	3	2076	12
49	5	8053		7582	8	0471	1	9529	11
50	7	0436		7453	9	2984	0	7016	10
51	8	2784		7323	9010	5461	10989	4539	9
52	9	5096		7194	1	7903	8	2097	8
53	9010	7374		7064	3	0310	6	9690	7
54	1	9616		6933	4	2682	5	7318	6
55	3	1823		6803	5	5021	4	4979	5
56	4	3996		6672	6	7325	3	2675	4
57	5	6135		6540	7	9594	2	0406	3
58	6	8239		6408	9	1831	0	8169	2
59	8	0309		6276	9020	4033	10979	5967	1
60	9	2346		6143	1	6202	8	3798	0
			<i>Sin.</i> 84				<i>Tan.</i> 84		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 6				<i>Tan.</i> 6				
0	9019	2346	9997	6143	9021	6202	10978	3798	60
1	9020	4348		6011	2	8338	7	1662	59
2	1	6318		5877	4	0441	5	9559	58
3	2	8254		5743	5	2510	4	7490	57
4	4	0157		5609	6	4548	3	5452	56
5	5	2027		5475	7	6552	2	3448	55
6	6	3865		5340	8	8524	1	1476	54
7	7	5669		5205	9030	0464	10969	9536	53
8	8	7442		5069	1	2373	8	7627	52
9	9	9182		4933	2	4249	7	5751	51
10	9031	0890		4797	3	6093	6	3907	50
11	2	2567		4660	4	7906	5	2094	49
12	3	4212		4523	5	9688	4	0312	48
13	4	5825		4386	7	1439	2	8561	47
14	5	7407		4248	8	3159	1	6841	46
15	6	8958		4110	9	4848	0	5152	45
16	8	0477		3971	9040	6506	10959	3494	44
17	9	1966		3833	1	8134	8	1866	43
18	9040	3424		3693	2	9731	7	0269	42
19	1	4852		3554	4	1299	5	8701	41
20	2	6249		3414	5	2836	4	7164	40
21	3	7617		3273	6	4343	3	5657	39
22	4	8954		3132	7	5821	2	4179	38
23	6	0261		2991	8	7270	1	2730	37
24	7	1538		2850	9	8689	0	1311	36
25	8	2786		2708	9051	0078	10948	9922	35
26	9	4005		2566	2	1439	7	8561	34
27	9050	5194		2423	3	2771	6	7229	33
28	1	6354		2280	4	4074	5	5926	32
29	2	7485		2137	5	5349	4	4651	31
30	3	8588		1993	6	6595	3	3405	30
			<i>Sin.</i> 83				<i>Tan.</i> 83		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 6				<i>Tan.</i> 6				
30	9053	8588	9997	1993	9056	6595	10943	3405	30
31	4	9661		1849	7	7813	2	2187	29
32	6	0706		1704	8	9002	1	0998	28
33	7	1723		1559	9060	0164	10939	9836	27
34	8	2711		1414	1	1297	8	8703	26
35	9	3672		1268	2	2403	7	7597	25
36	9060	4604		1122	3	3482	6	6518	24
37	1	5509		0976	4	4533	5	5467	23
38	2	6386		0829	5	5556	4	4444	22
39	3	7235		0682	6	6553	3	3447	21
40	4	8057		0535	7	7522	2	2478	20
41	5	8852		0387	8	8465	1	1535	19
42	6	9619		0239	9	9381	0	0619	18
43	8	0360		0090	9071	0270	10928	9730	17
44	9	1074	9996	9941	2	1133	7	8867	16
45	9070	1761		9792	3	1969	6	8031	15
46	1	2421		9642	4	2779	5	7221	14
47	2	3055		9492	5	3563	4	6437	13
48	3	3663		9342	6	4321	3	5679	12
49	4	4244		9191	7	5053	2	4947	11
50	5	4799		9040	8	5760	1	4240	10
51	6	5329		8888	9	6441	0	3559	9
52	7	5832		8736	9080	7096	10919	2904	8
53	8	6310		8584	1	7726	8	2274	7
54	9	6762		8431	2	8331	7	1669	6
55	9080	7189		8278	3	8911	6	1089	5
56	1	7590		8125	4	9466	5	0534	4
57	2	7966		7971	5	9996	4	0004	3
58	3	8317		7817	7	0501	2	9499	2
59	4	8643		7662	8	0981	1	9019	1
60	5	8945		7507	9	1438	0	8562	0
			<i>Sin.</i> 83				<i>Tan.</i> 83		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 7				<i>Tan.</i> 7				
0	9085	8945	9996	7507	9089	1438	10910	8562	60
1	6	9221		7352	9090	1869	10909	8131	59
2	7	9473		7196	1	2277	8	7723	58
3	8	9700		7040	2	2660	7	7340	57
4	9	9903		6884	3	3020	6	6980	56
5	9091	0082		6727	4	3355	5	6645	55
6	2	0237		6570	5	3667	4	6333	54
7	3	0367		6412	6	3955	3	6045	53
8	4	0474		6254	7	4219	2	5781	52
9	5	0556		6096	8	4460	1	5540	51
10	6	0615		5937	9	4678	0	5322	50
11	7	0651		5778	9100	4872	10899	5128	49
12	8	0662		5619	1	5044	8	4956	48
13	9	0651		5459	2	5192	7	4808	47
14	9100	0616		5299	3	5317	6	4683	46
15	1	0558		5138	4	5420	5	4580	45
16	2	0477		4977	5	5500	4	4500	44
17	3	0373		4816	6	5557	3	4443	43
18	4	0246		4655	7	5591	2	4409	42
19	5	0096		4493	8	5604	1	4396	41
20	5	9924		4330	9	5594	0	4406	40
21	6	9729		4167	9110	5562	10889	4438	39
22	7	9512		4004	1	5508	8	4492	38
23	8	9272		3841	2	5431	7	4569	37
24	9	9010		3677	3	5333	6	4667	36
25	9110	8726		3513	4	5213	5	4787	35
26	1	8420		3348	5	5072	4	4928	34
27	2	8092		3183	6	4909	3	5091	33
28	3	7742		3018	7	4724	2	5276	32
29	4	7370		2852	8	4518	1	5482	31
30	5	6977		2686	9	4291	0	5709	30
			<i>Sin.</i> 82				<i>Tan.</i> 82		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 7				<i>Tan.</i> 7				
30	9115	6977	9996	2686	9119	4291	10880	5709	30
31	6	6562		2519	9120	4043	10879	5957	29
32	7	6125		2352	1	3773	8	6227	28
33	8	5667		2185	2	3482	7	6518	27
34	9	5188		2017	3	3171	6	6829	26
35	9120	4688		1849	4	2839	5	7161	25
36	1	4167		1681	5	2486	4	7514	24
37	2	3624		1512	6	2112	3	7888	23
38	3	3061		1343	7	1718	2	8282	22
39	4	2477		1174	8	1303	1	8697	21
40	5	1872		1004	9	0868	0	9132	20
41	6	1246		0834	9130	0413	10869	9587	19
42	7	0600		0663	0	9937	9	0063	18
43	7	9934		0492	1	9442	8	0558	17
44	8	9247		0321	2	8926	7	1074	16
45	9	8539		0149	3	8391	6	1609	15
46	9130	7812	9995	9977	4	7835	5	2165	14
47	1	7064		9804	5	7260	4	2740	13
48	2	6297		9631	6	6665	3	3335	12
49	3	5509		9458	7	6051	2	3949	11
50	4	4702		9284	8	5417	1	4583	10
51	5	3875		9111	9	4764	0	5236	9
52	6	3028		8936	9140	4092	10859	5908	8
53	7	2161		8761	1	3400	8	6600	7
54	8	1275		8586	2	2689	7	7311	6
55	9	0370		8411	3	1959	6	8041	5
56	9	9445		8235	4	1210	5	8790	4
57	9140	8501		8059	5	0442	4	9558	3
58	1	7537		7882	5	9655	4	0345	2
59	2	6555		7705	6	8849	3	1151	1
60	3	5553		7528	7	8025	2	1975	0
			<i>Sin.</i> 82				<i>Tan.</i> 82		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 8				<i>Tan.</i> 8				
0	9143	5553	9995	7528	9147	8025	10852	1975	60
1	4	4532		7350	8	7182	1	2818	59
2	5	3493		7172	9	6321	0	3679	58
3	6	2435		6993	9150	5441	10849	4559	57
4	7	1358		6815	1	4543	8	5457	56
5	8	0262		6635	2	3627	7	6373	55
6	8	9148		6456	3	2692	6	7308	54
7	9	8015		6276	4	1739	5	8261	53
8	9150	6864		6095	5	0769	4	9231	52
9	1	5694		5915	5	9780	4	0220	51
10	2	4507		5734	6	8773	3	1227	50
11	3	3301		5552	7	7748	2	2252	49
12	4	2076		5370	8	6706	1	3294	48
13	5	0834		5188	9	5646	0	4354	47
14	5	9574		5005	9160	4569	10839	5431	46
15	6	8296		4822	1	3473	8	6527	45
16	7	7000		4639	2	2361	7	7639	44
17	8	5686		4455	3	1231	6	8769	43
18	9	4354		4271	4	0083	5	9917	42
19	9160	3005		4087	4	8919	5	1081	41
20	1	1639		3902	5	7737	4	2263	40
21	2	0254		3717	6	6538	3	3462	39
22	2	8853		3531	7	5322	2	4678	38
23	3	7434		3345	8	4089	1	5911	37
24	4	5998		3159	9	2839	0	7161	36
25	5	4544		2972	9170	1572	10829	8428	35
26	6	3074		2785	1	0289	8	9711	34
27	7	1586		2597	1	8989	8	1011	33
28	8	0081		2409	2	7672	7	2328	32
29	8	8559		2221	3	6338	6	3662	31
30	9	7021		2033	4	4988	5	5012	30
			<i>Sin.</i> 81				<i>Tan.</i> 81		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 8				<i>Tan.</i> 8				
30	9169	7021	9995	2033	9174	4988	10825	5012	30
31	9170	5465		1844	5	3622	4	6378	29
32	1	3893		1654	6	2239	3	7761	28
33	2	2305		1464	7	0840	2	9160	27
34	3	0699		1274	7	9425	2	0575	26
35	3	9077		1084	8	7993	1	2007	25
36	4	7439		0893	9	6546	0	3454	24
37	5	5784		0702	9180	5082	10819	4918	23
38	6	4112		0510	1	3602	8	6398	22
39	7	2425		0318	2	2106	7	7894	21
40	8	0721		0126	3	0595	6	9405	20
41	8	9001	9994	9933	3	9068	6	0932	19
42	9	7265		9740	4	7525	5	2475	18
43	9180	5512		9546	5	5966	4	4034	17
44	1	3744		9352	6	4392	3	5608	16
45	2	1960		9158	7	2802	2	7198	15
46	3	0160		8964	8	1196	1	8804	14
47	3	8344		8769	8	9575	1	0425	13
48	4	6512		8573	9	7939	0	2061	12
49	5	4665		8377	9190	6287	10809	3713	11
50	6	2802		8181	1	4621	8	5379	10
51	7	0923		7985	2	2939	7	7061	9
52	7	9029		7788	3	1241	6	8759	8
53	8	7120		7591	3	9529	6	0471	7
54	9	5195		7393	4	7802	5	2198	6
55	9190	3254		7195	5	6059	4	3941	5
56	1	1299		6997	6	4302	3	5698	4
57	1	9328		6798	7	2530	2	7470	3
58	2	7342		6599	8	0743	1	9257	2
59	3	5341		6399	8	8941	1	1059	1
60	4	3324		6199	9	7125	0	2875	0
			<i>Sin.</i> 81				<i>Tan.</i> 81		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 9				<i>Tan.</i> 9				
0	9194	3324	9994	6199	9199	7125	10800	2875	60
1	5	1293		5999	9200	5294	10799	4706	59
2	5	9247		5798	1	3449	8	6551	58
3	6	7186		5597	2	1588	7	8412	57
4	7	5110		5396	2	9714	7	0286	56
5	8	3019		5194	3	7825	6	2175	55
6	9	0913		4992	4	5922	5	4078	54
7	9	8793		4789	5	4004	4	5996	53
8	9200	6658		4587	6	2072	3	7928	52
9	1	4509		4383	7	0126	2	9874	51
10	2	2345		4180	7	8165	2	1835	50
11	3	0167		3975	8	6191	1	3809	49
12	3	7974		3771	9	4203	0	5797	48
13	4	5766		3566	9210	2200	10789	7800	47
14	5	3545		3361	1	0184	8	9816	46
15	6	1309		3156	1	8153	8	1847	45
16	6	9059		2950	2	6109	7	3891	44
17	7	6795		2743	3	4051	6	5949	43
18	8	4516		2537	4	1980	5	8020	42
19	9	2224		2330	4	9894	5	0106	41
20	9	9917		2122	5	7795	4	2205	40
21	9210	7597		1914	6	5683	3	4317	39
22	1	5263		1706	7	3556	2	6444	38
23	2	2914		1498	8	1417	1	8583	37
24	3	0552		1289	8	9264	1	0736	36
25	3	8176		1079	9	7097	0	2903	35
26	4	5787		0870	9220	4917	10779	5083	34
27	5	3384		0659	1	2724	8	7276	33
28	6	0967		0449	2	0518	7	9482	32
29	6	8536		0238	2	8298	7	1702	31
30	7	6092		0027	3	6065	6	3935	30
			<i>Sin.</i> 80				<i>Tan.</i> 80		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 9				<i>Tan.</i> 9				
30	9217	6092	9994	0027	9223	6065	10776	3935	30
31	8	3635	9993	9815	4	3819	5	6181	29
32	9	1164		9603	5	1561	4	8439	28
33	9	8680		9391	5	9289	4	0711	27
34	9220	6182		9178	6	7004	3	2996	26
35	1	3671		8965	7	4706	2	5294	25
36	2	1147		8752	8	2395	1	7605	24
37	2	8609		8538	9	0071	0	9929	23
38	3	6059		8324	9	7735	0	2265	22
39	4	3495		8109	9230	5386	10769	4614	21
40	5	0918		7894	1	3024	8	6976	20
41	5	8328		7679	2	0650	7	9350	19
42	6	5725		7463	2	8262	7	1738	18
43	7	3110		7247	3	5863	6	4137	17
44	8	0481		7030	4	3451	5	6549	16
45	8	7839		6813	5	1026	4	8974	15
46	9	5185		6596	5	8589	4	1411	14
47	9230	2518		6378	6	6139	3	3861	13
48	0	9838		6160	7	3678	2	6322	12
49	1	7145		5942	8	1203	1	8797	11
50	2	4440		5723	8	8717	1	1283	10
51	3	1722		5504	9	6218	0	3782	9
52	3	8992		5285	9240	3708	10759	6292	8
53	4	6249		5065	1	1185	8	8815	7
54	5	3494		4844	1	8650	8	1350	6
55	6	0726		4624	2	6103	7	3897	5
56	6	7946		4403	3	3543	6	6457	4
57	7	5153		4181	4	0972	5	9028	3
58	8	2349		3959	4	8389	5	1611	2
59	8	9532		3737	5	5794	4	4206	1
60	9	6702		3515	6	3188	3	6812	0
			<i>Sin.</i> 80				<i>Tan.</i> 80		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 10				<i>Tan.</i> 10				
0	9239	6702	9993	3515	9246	3188	10753	6812	60
1	9240	3861		3292	7	0569	2	9431	59
2	1	1007		3068	7	7939	2	2061	58
3	1	8141		2845	8	5297	1	4703	57
4	2	5264		2621	9	2643	0	7357	56
5	3	2374		2396	9	9978	0	0022	55
6	3	9472		2171	9250	7301	10749	2699	54
7	4	6558		1946	1	4612	8	5388	53
8	5	3632		1720	2	1912	7	8088	52
9	6	0695		1494	2	9200	7	0800	51
10	6	7746		1268	3	6477	6	3523	50
11	7	4784		1041	4	3743	5	6257	49
12	8	1811		0814	5	0997	4	9003	48
13	8	8827		0587	5	8240	4	1760	47
14	9	5830		0359	6	5472	3	4528	46
15	9250	2822		0131	7	2692	2	7308	45
16	0	9803	9992	9902	7	9901	2	0099	44
17	1	6772		9673	8	7099	1	2901	43
18	2	3729		9444	9	4285	0	5715	42
19	3	0675		9214	9260	1461	10739	8539	41
20	3	7609		8984	0	8625	9	1375	40
21	4	4532		8753	1	5779	8	4221	39
22	5	1444		8522	2	2921	7	7079	38
23	5	8344		8291	3	0053	6	9947	37
24	6	5233		8059	3	7173	6	2827	36
25	7	2110		7827	4	4283	5	5717	35
26	7	8977		7595	5	1382	4	8618	34
27	8	5832		7362	5	8470	4	1530	33
28	9	2676		7129	6	5547	3	4453	32
29	9	9509		6895	7	2613	2	7387	31
30	9260	6330		6661	7	9669	2	0331	30
			<i>Sin.</i> 79				<i>Tan.</i> 79		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 10				<i>Tan.</i> 10				
30	9260	6330	9992	6661	9267	9669	10732	0331	30
31	1	3141		6427	8	6714	1	3286	29
32	1	9941		6192	9	3749	0	6251	28
33	2	6729		5957	9270	0772	10729	9228	27
34	3	3507		5722	0	7786	9	2214	26
35	4	0274		5486	1	4788	8	5212	25
36	4	7030		5250	2	1780	7	8220	24
37	5	3775		5013	2	8762	7	1238	23
38	6	0509		4776	3	5733	6	4267	22
39	6	7232		4539	4	2694	5	7306	21
40	7	3945		4301	4	9644	5	0356	20
41	8	0647		4063	5	6584	4	3416	19
42	8	7338		3824	6	3514	3	6486	18
43	9	4019		3585	7	0434	2	9566	17
44	9270	0689		3346	7	7343	2	2657	16
45	0	7348		3106	8	4242	1	5758	15
46	1	3997		2866	9	1131	0	8869	14
47	2	0635		2626	9	8009	0	1991	13
48	2	7263		2385	9280	4878	10719	5122	12
49	3	3880		2144	1	1736	8	8264	11
50	4	0487		1902	1	8585	8	1415	10
51	4	7083		1660	2	5423	7	4577	9
52	5	3669		1418	3	2251	6	7749	8
53	6	0245		1175	3	9070	6	0930	7
54	6	6811		0932	4	5878	5	4122	6
55	7	3366		0689	5	2677	4	7323	5
56	7	9911		0445	5	9466	4	0534	4
57	8	6445		0201	6	6245	3	3755	3
58	9	2970	9991	9956	7	3014	2	6986	2
59	9	9484		9711	7	9773	2	0227	1
60	9280	5988		9466	8	6523	1	3477	0
			<i>Sin.</i> 79				<i>Tan.</i> 79		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 11				<i>Tan.</i> 11				
0	9280	5988	9991	9466	9288	6523	10711	3477	60
1	1	2483		9220	9	3263	0	6737	59
2	1	8967		8974	9	9993	0	0007	58
3	2	5441		8727	9290	6713	10709	3287	57
4	3	1905		8480	1	3424	8	6576	56
5	3	8359		8233	2	0126	7	9874	55
6	4	4803		7986	2	6817	7	3183	54
7	5	1237		7737	3	3500	6	6500	53
8	5	7661		7489	4	0172	5	9828	52
9	6	4076		7240	4	6836	5	3164	51
10	7	0480		6991	5	3489	4	6511	50
11	7	6875		6741	6	0134	3	9866	49
12	8	3260		6492	6	6769	3	3231	48
13	8	9636		6241	7	3395	2	6605	47
14	9	6001		5990	8	0011	1	9989	46
15	9290	2357		5739	8	6618	1	3382	45
16	0	8704		5488	9	3216	0	6784	44
17	1	5040		5236	9	9804	0	0196	43
18	2	1367		4984	9300	6383	10699	3617	42
19	2	7685		4731	1	2954	8	7046	41
20	3	3993		4478	1	9514	8	0486	40
21	4	0291		4225	2	6066	7	3934	39
22	4	6580		3971	3	2609	6	7391	38
23	5	2859		3717	3	9143	6	0857	37
24	5	9129		3462	4	5667	5	4333	36
25	6	5390		3207	5	2183	4	7817	35
26	7	1641		2952	5	8689	4	1311	34
27	7	7883		2696	6	5187	3	4813	33
28	8	4116		2440	7	1675	2	8325	32
29	9	0339		2184	7	8155	2	1845	31
30	9	6553		1927	8	4626	1	5374	30
			<i>Sin.</i> 78				<i>Tan.</i> 78		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 11				<i>Tan.</i> 11				
30	9299	6553	9991	1927	9308	4626	10691	5374	30
31	9300	2758		1670	9	1088	0	8912	29
32	0	8953		1412	9	7541	0	2459	28
33	1	5140		1154	9310	3985	10689	6015	27
34	2	1317		0896	1	0421	8	9579	26
35	2	7485		0637	1	6848	8	3152	25
36	3	3644		0378	2	3266	7	6734	24
37	3	9794		0119	2	9675	7	0325	23
38	4	5934	9990	9859	3	6076	6	3924	22
39	5	2066		9598	4	2468	5	7532	21
40	5	8189		9338	4	8851	5	1149	20
41	6	4303		9077	5	5226	4	4774	19
42	7	0407		8815	6	1592	3	8408	18
43	7	6503		8553	6	7950	3	2050	17
44	8	2590		8291	7	4299	2	5701	16
45	8	8668		8029	8	0640	1	9360	15
46	9	4737		7766	8	6972	1	3028	14
47	9310	0798		7502	9	3295	0	6705	13
48	0	6849		7239	9	9611	0	0389	12
49	1	2892		6974	9320	5918	10679	4082	11
50	1	8926		6710	1	2216	8	7784	10
51	2	4951		6445	1	8506	8	1494	9
52	3	0968		6180	2	4788	7	5212	8
53	3	6976		5914	3	1061	6	8939	7
54	4	2975		5648	3	7327	6	2673	6
55	4	8965		5382	4	3584	5	6416	5
56	5	4947		5115	4	9832	5	0168	4
57	6	0921		4848	5	6073	4	3927	3
58	6	6885		4580	6	2305	3	7695	2
59	7	2841		4312	6	8529	3	1471	1
60	7	8789		4044	7	4745	2	5255	0
			<i>Sin.</i> 78				<i>Tan.</i> 78		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 12				<i>Tan.</i> 12				
0	9317	8789	9990	4044	9327	4745	10672	5255	60
1	8	4728		3775	8	0953	1	9047	59
2	9	0659		3506	8	7153	1	2847	58
3	9	6581		3237	9	3345	0	6655	57
4	9320	2495		2967	9	9528	0	0472	56
5	0	8400		2697	9330	5704	10669	4296	55
6	1	4297		2426	1	1872	8	8128	54
7	2	0186		2155	1	8031	8	1969	53
8	2	6066		1883	2	4183	7	5817	52
9	3	1938		1612	3	0327	6	9673	51
10	3	7802		1339	3	6463	6	3537	50
11	4	3657		1067	4	2591	5	7409	49
12	4	9505		0794	4	8711	5	1289	48
13	5	5344		0521	5	4823	4	5177	47
14	6	1174		0247	6	0927	3	9073	46
15	6	6997	9989	9973	6	7024	3	2976	45
16	7	2811		9698	7	3113	2	6887	44
17	7	8617		9423	7	9194	2	0806	43
18	8	4416		9148	8	5267	1	4733	42
19	9	0206		8873	9	1333	0	8667	41
20	9	5988		8597	9	7391	0	2609	40
21	9330	1761		8320	9340	3441	10659	6559	39
22	0	7527		8043	0	9484	9	0516	38
23	1	3285		7766	1	5519	8	4481	37
24	1	9035		7489	2	1546	7	8454	36
25	2	4777		7211	2	7566	7	2434	35
26	3	0511		6932	3	3578	6	6422	34
27	3	6237		6654	3	9583	6	0417	33
28	4	1955		6374	4	5580	5	4420	32
29	4	7665		6095	5	1570	4	8430	31
30	5	3368		5815	5	7552	4	2448	30
			<i>Sin.</i> 77				<i>Tan.</i> 77		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 12				<i>Tan.</i> 12				
30	9335	3368	9989	5815	9345	7552	10654	2448	30
31	5	9062		5535	6	3527	3	6473	29
32	6	4749		5254	6	9494	3	0506	28
33	7	0428		4973	7	5454	2	4546	27
34	7	6099		4692	8	1407	1	8593	26
35	8	1762		4410	8	7352	1	2648	25
36	8	7418		4128	9	3290	0	6710	24
37	9	3065		3845	9	9220	0	0780	23
38	9	8706		3562	9350	5143	10649	4857	22
39	9340	4338		3279	1	1059	8	8941	21
40	0	9963		2995	1	6968	8	3032	20
41	1	5580		2711	2	2869	7	7131	19
42	2	1190		2427	2	8763	7	1237	18
43	2	6792		2142	3	4650	6	5350	17
44	3	2386		1856	4	0530	5	9470	16
45	3	7973		1571	4	6402	5	3598	15
46	4	3552		1285	5	2267	4	7733	14
47	4	9124		0998	5	8126	4	1874	13
48	5	4688		0711	6	3977	3	6023	12
49	6	0245		0424	6	9821	3	0179	11
50	6	5794		0137	7	5658	2	4342	10
51	7	1336	9988	9849	8	1487	1	8513	9
52	7	6870		9560	8	7310	1	2690	8
53	8	2397		9271	9	3126	0	6874	7
54	8	7917		8982	9	8935	0	1065	6
55	9	3429		8693	9360	4736	10639	5264	5
56	9	8934		8403	1	0531	8	9469	4
57	9350	4432		8113	1	6319	8	3681	3
58	0	9922		7822	2	2100	7	7900	2
59	1	5405		7531	2	7874	7	2126	1
60	2	0880		7239	3	3641	6	6359	0
			<i>Sin.</i> 77				<i>Tan.</i> 77		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 13				<i>Tan.</i> 13				
0	9352	0880	9988	7239	9363	3641	10636	6359	60
1	2	6349		6947	3	9401	6	0599	59
2	3	1810		6655	4	5155	5	4845	58
3	3	7264		6363	5	0901	4	9099	57
4	4	2710		6070	5	6641	4	3359	56
5	4	8150		5776	6	2374	3	7626	55
6	5	3582		5482	6	8100	3	1900	54
7	5	9007		5188	7	3819	2	6181	53
8	6	4426		4894	7	9532	2	0468	52
9	6	9836		4599	8	5238	1	4762	51
10	7	5240		4303	9	0937	0	9063	50
11	8	0637		4008	9	6629	0	3371	49
12	8	6027		3712	9370	2315	10629	7685	48
13	9	1409		3415	0	7994	9	2006	47
14	9	6785		3118	1	3667	8	6333	46
15	9360	2154		2821	1	9333	8	0667	45
16	0	7515		2523	2	4992	7	5008	44
17	1	2870		2225	3	0645	6	9355	43
18	1	8217		1927	3	6291	6	3709	42
19	2	3558		1628	4	1930	5	8070	41
20	2	8892		1329	4	7563	5	2437	40
21	3	4219		1029	5	3190	4	6810	39
22	3	9539		0729	5	8810	4	1190	38
23	4	4852		0429	6	4423	3	5577	37
24	5	0158		0128	7	0030	2	9970	36
25	5	5458	9987	9827	7	5631	2	4369	35
26	6	0750		9525	8	1225	1	8775	34
27	6	6036		9223	8	6813	1	3187	33
28	7	1315		8921	9	2394	0	7606	32
29	7	6587		8618	9	7969	0	2031	31
30	8	1853		8315	9380	3537	10619	6463	30
			<i>Sin.</i> 76				<i>Tan.</i> 76		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 13				<i>Tan.</i> 13				
30	9368	1853	9987	8315	9380	3537	10619	6463	30
31	8	7111		8012	0	9100	9	0900	29
32	9	2363		7708	1	4655	8	5345	28
33	9	7608		7404	2	0205	7	9795	27
34	9370	2847		7099	2	5748	7	4252	26
35	0	8079		6794	3	1285	6	8715	25
36	1	3304		6488	3	6816	6	3184	24
37	1	8523		6183	4	2340	5	7660	23
38	2	3735		5876	4	7858	5	2142	22
39	2	8940		5570	5	3370	4	6630	21
40	3	4139		5263	5	8876	4	1124	20
41	3	9331		4955	6	4376	3	5624	19
42	4	4517		4648	6	9869	3	0131	18
43	4	9696		4339	7	5356	2	4644	17
44	5	4868		4031	8	0837	1	9163	16
45	6	0034		3722	8	6312	1	3688	15
46	6	5194		3413	9	1781	0	8219	14
47	7	0347		3103	9	7244	0	2756	13
48	7	5493		2793	9390	2700	10609	7300	12
49	8	0633		2482	0	8151	9	1849	11
50	8	5767		2171	1	3595	8	6405	10
51	9	0894		1860	1	9034	8	0966	9
52	9	6015		1549	2	4466	7	5534	8
53	9380	1129		1236	2	9893	7	0107	7
54	0	6237		0924	3	5313	6	4687	6
55	1	1339		0611	4	0727	5	9273	5
56	1	6434		0298	4	6136	5	3864	4
57	2	1523	9986	9984	5	1538	4	8462	3
58	2	6605		9670	5	6935	4	3065	2
59	3	1682		9356	6	2326	3	7674	1
60	3	6752		9041	6	7711	3	2289	0
			<i>Sin.</i> 76				<i>Tan.</i> 76		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 14				<i>Tan.</i> 14				
0	9383	6752	9986	9041	9396	7711	10603	2289	60
1	4	1815		8726	7	3089	2	6911	59
2	4	6873		8410	7	8463	2	1537	58
3	5	1924		8094	8	3830	1	6170	57
4	5	6969		7778	8	9191	1	0809	56
5	6	2008		7461	9	4547	0	5453	55
6	6	7040		7144	9	9896	0	0104	54
7	7	2067		6827	9400	5240	10599	4760	53
8	7	7087		6509	1	0578	8	9422	52
9	8	2101		6191	1	5910	8	4090	51
10	8	7109		5872	2	1237	7	8763	50
11	9	2111		5553	2	6558	7	3442	49
12	9	7106		5233	3	1873	6	8127	48
13	9390	2096		4913	3	7182	6	2818	47
14	0	7079		4593	4	2486	5	7514	46
15	1	2057		4273	4	7784	5	2216	45
16	1	7028		3952	5	3076	4	6924	44
17	2	1993		3630	5	8363	4	1637	43
18	2	6952		3308	6	3644	3	6356	42
19	3	1905		2986	6	8919	3	1081	41
20	3	6852		2663	7	4189	2	5811	40
21	4	1794		2340	7	9453	2	0547	39
22	4	6729		2017	8	4712	1	5288	38
23	5	1658		1693	8	9965	1	0035	37
24	5	6581		1369	9	5212	0	4788	36
25	6	1499		1045	9410	0454	10589	9546	35
26	6	6410		0720	0	5690	9	4310	34
27	7	1315		0394	1	0921	8	9079	33
28	7	6215		0069	1	6146	8	3854	32
29	8	1109	9985	9742	2	1366	7	8634	31
30	8	5996		9416	2	6581	7	3419	30
			<i>Sin.</i> 75				<i>Tan.</i> 75		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 14				<i>Tan.</i> 14				
30	9398	5996	9985	9416	9412	6581	10587	3419	30
31	9	0878		9089	3	1789	6	8211	29
32	9	5754		8762	3	6993	6	3007	28
33	9400	0625		8434	4	2191	5	7809	27
34	0	5489		8106	4	7383	5	2617	26
35	1	0348		7777	5	2570	4	7430	25
36	1	5201		7449	5	7752	4	2248	24
37	2	0048		7119	6	2928	3	7072	23
38	2	4889		6790	6	8099	3	1901	22
39	2	9724		6460	7	3265	2	6735	21
40	3	4554		6129	7	8425	2	1575	20
41	3	9378		5798	8	3580	1	6420	19
42	4	4196		5467	8	8729	1	1271	18
43	4	9009		5135	9	3874	0	6126	17
44	5	3816		4803	9	9013	0	0987	16
45	5	8617		4471	9420	4146	10579	5854	15
46	6	3413		4138	0	9275	9	0725	14
47	6	8203		3805	1	4398	8	5602	13
48	7	2987		3471	1	9515	8	0485	12
49	7	7766		3138	2	4628	7	5372	11
50	8	2539		2803	2	9735	7	0265	10
51	8	7306		2468	3	4838	6	5162	9
52	9	2068		2133	3	9935	6	0065	8
53	9	6824		1798	4	5026	5	4974	7
54	9410	1575		1462	5	0113	4	9887	6
55	0	6320		1125	5	5194	4	4806	5
56	1	1059		0789	6	0271	3	9729	4
57	1	5793		0452	6	5342	3	4658	3
58	2	0522		0114	7	0408	2	9592	2
59	2	5245	9984	9776	7	5469	2	4531	1
60	2	9962		9438	8	0525	1	9475	0
			<i>Sin.</i> 75				<i>Tan.</i> 75		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 15				<i>Tan.</i> 15				
0	9412	9962	9984	9438	9428	0525	10571	9475	60
1	3	4674		9099	8	5575	1	4425	59
2	3	9381		8760	9	0621	0	9379	58
3	4	4082		8420	9	5661	0	4339	57
4	4	8778		8081	9430	0697	10569	9303	56
5	5	3468		7740	0	5727	9	4273	55
6	5	8152		7400	1	0753	8	9247	54
7	6	2832		7059	1	5773	8	4227	53
8	6	7506		6717	2	0789	7	9211	52
9	7	2174		6375	2	5799	7	4201	51
10	7	6837		6033	3	0804	6	9196	50
11	8	1495		5690	3	5805	6	4195	49
12	8	6148		5347	4	0800	5	9200	48
13	9	0795		5004	4	5791	5	4209	47
14	9	5436		4660	5	0776	4	9224	46
15	9420	0073		4316	5	5757	4	4243	45
16	0	4704		3971	6	0733	3	9267	44
17	0	9330		3626	6	5704	3	4296	43
18	1	3950		3281	7	0670	2	9330	42
19	1	8566		2935	7	5631	2	4369	41
20	2	3176		2589	8	0587	1	9413	40
21	2	7780		2242	8	5538	1	4462	39
22	3	2380		1895	9	0485	0	9515	38
23	3	6974		1548	9	5426	0	4574	37
24	4	1563		1200	9440	0363	10559	9637	36
25	4	6147		0852	0	5295	9	4705	35
26	5	0726		0503	1	0222	8	9778	34
27	5	5299		0154	1	5145	8	4855	33
28	5	9867	9983	9805	2	0062	7	9938	32
29	6	4430		9455	2	4975	7	5025	31
30	6	8988		9105	2	9883	7	0117	30
			<i>Sin.</i> 74				<i>Tan.</i> 74		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 15				<i>Tan.</i> 15				
30	9426	8988	9983	9105	9442	9883	10557	0117	30
31	7	3541		8755	3	4786	6	5214	29
32	7	8089		8404	3	9685	6	0315	28
33	8	2631		8052	4	4579	5	5421	27
34	8	7169		7701	4	9468	5	0532	26
35	9	1701		7348	5	4352	4	5648	25
36	9	6228		6996	5	9232	4	0768	24
37	9430	0750		6643	6	4107	3	5893	23
38	0	5267		6290	6	8978	3	1022	22
39	0	9779		5936	7	3843	2	6157	21
40	1	4286		5582	7	8704	2	1296	20
41	1	8788		5227	8	3561	1	6439	19
42	2	3285		4872	8	8413	1	1587	18
43	2	7777		4517	9	3260	0	6740	17
44	3	2264		4161	9	8102	0	1898	16
45	3	6746		3805	9450	2940	10549	7060	15
46	4	1223		3449	0	7774	9	2226	14
47	4	5694		3092	1	2602	8	7398	13
48	5	0161		2735	1	7427	8	2573	12
49	5	4623		2377	2	2246	7	7754	11
50	5	9080		2019	2	7061	7	2939	10
51	6	3532		1661	3	1872	6	8128	9
52	6	7980		1302	3	6678	6	3322	8
53	7	2422		0942	4	1479	5	8521	7
54	7	6859		0583	4	6276	5	3724	6
55	8	1292		0223	5	1069	4	8931	5
56	8	5719	9982	9862	5	5857	4	4143	4
57	9	0142		9501	6	0641	3	9359	3
58	9	4560		9140	6	5420	3	4580	2
59	9	8973		8778	7	0194	2	9806	1
60	9440	3381		8416	7	4964	2	5036	0
			<i>Sin.</i> 74				<i>Tan.</i> 74		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 16				<i>Tan.</i> 16				
0	9440	3381	9982	8416	9457	4964	10542	5036	60
1	0	7784		8054	7	9730	2	0270	59
2	1	2182		7691	8	4491	1	5509	58
3	1	6576		7328	8	9248	1	0752	57
4	2	0965		6964	9	4001	0	5999	56
5	2	5349		6600	9	8749	0	1251	55
6	2	9728		6236	9460	3492	10539	6508	54
7	3	4103		5871	0	8232	9	1768	53
8	3	8472		5506	1	2967	8	7033	52
9	4	2837		5140	1	7697	8	2303	51
10	4	7197		4774	2	2423	7	7577	50
11	5	1553		4408	2	7145	7	2855	49
12	5	5904		4041	3	1863	6	8137	48
13	6	0250		3674	3	6576	6	3424	47
14	6	4591		3306	4	1285	5	8715	46
15	6	8927		2938	4	5990	5	4010	45
16	7	3259		2569	5	0690	4	9310	44
17	7	7586		2201	5	5386	4	4614	43
18	8	1909		1831	6	0078	3	9922	42
19	8	6227		1462	6	4765	3	5235	41
20	9	0540		1092	6	9448	3	0552	40
21	9	4849		0721	7	4127	2	5873	39
22	9	9153		0351	7	8802	2	1198	38
23	9450	3452	9981	9979	8	3473	1	6527	37
24	0	7747		9608	8	8139	1	1861	36
25	1	2037		9236	9	2801	0	7199	35
26	1	6322		8863	9	7459	0	2541	34
27	2	0603		8490	9470	2112	10529	7888	33
28	2	4879		8117	0	6762	9	3238	32
29	2	9151		7744	1	1407	8	8593	31
30	3	3418		7370	1	6048	8	3952	30
			<i>Sin.</i> 73				<i>Tan.</i> 73		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 16				<i>Tan.</i> 16				
30	9453	3418	9981	7370	9471	6048	10528	3952	30
31	3	7681		6995	2	0685	7	9315	29
32	4	1939		6620	2	5318	7	4682	28
33	4	6192		6245	2	9947	7	0053	27
34	5	0441		5870	3	4572	6	5428	26
35	5	4686		5494	3	9192	6	0808	25
36	5	8926		5117	4	3808	5	6192	24
37	6	3161		4740	4	8421	5	1579	23
38	6	7392		4363	5	3029	4	6971	22
39	7	1618		3986	5	7633	4	2367	21
40	7	5840		3608	6	2233	3	7767	20
41	8	0058		3229	6	6829	3	3171	19
42	8	4271		2850	7	1421	2	8579	18
43	8	8480		2471	7	6009	2	3991	17
44	9	2684		2091	8	0592	1	9408	16
45	9	6884		1711	8	5172	1	4828	15
46	9460	1079		1331	8	9748	1	0252	14
47	0	5270		0950	9	4319	0	5681	13
48	0	9456		0569	9	8887	0	1113	12
49	1	3638		0187	9480	3451	10519	6549	11
50	1	7816	9980	9805	0	8011	9	1989	10
51	2	1989		9423	1	2566	8	7434	9
52	2	6158		9040	1	7118	8	2882	8
53	3	0323		8657	2	1666	7	8334	7
54	3	4483		8273	2	6210	7	3790	6
55	3	8639		7889	3	0750	6	9250	5
56	4	2790		7505	3	5286	6	4714	4
57	4	6938		7120	3	9818	6	0182	3
58	5	1081		6735	4	4346	5	5654	2
59	5	5219		6349	4	8870	5	1130	1
60	5	9353		5963	5	3390	4	6610	0
			<i>Sin.</i> 73				<i>Tan.</i> 73		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 17				<i>Tan.</i> 17				
0	9465	9353	9980	5963	9485	3390	10514	6610	60
1	6	3483		5577	5	7907	4	2093	59
2	6	7609		5190	6	2419	3	7581	58
3	7	1730		4803	6	6928	3	3072	57
4	7	5848		4415	7	1433	2	8567	56
5	7	9960		4027	7	5933	2	4067	55
6	8	4069		3639	8	0430	1	9570	54
7	8	8173		3250	8	4924	1	5076	53
8	9	2273		2860	8	9413	1	0587	52
9	9	6369		2471	9	3898	0	6102	51
10	9470	0461		2081	9	8380	0	1620	50
11	0	4548		1690	9490	2858	10509	7142	49
12	0	8631		1299	0	7332	9	2668	48
13	1	2710		0908	1	1802	8	8198	47
14	1	6785		0516	1	6269	8	3731	46
15	2	0856		0124	2	0731	7	9269	45
16	2	4922	9979	9732	2	5190	7	4810	44
17	2	8985		9339	2	9646	7	0354	43
18	3	3043		8946	3	4097	6	5903	42
19	3	7097		8552	3	8545	6	1455	41
20	4	1146		8158	4	2988	5	7012	40
21	4	5192		7764	4	7429	5	2571	39
22	4	9234		7369	5	1865	4	8135	38
23	5	3271		6973	5	6298	4	3702	37
24	5	7304		6578	6	0727	3	9273	36
25	6	1334		6182	6	5152	3	4848	35
26	6	5359		5785	6	9574	3	0426	34
27	6	9380		5388	7	3991	2	6009	33
28	7	3396		4991	7	8406	2	1594	32
29	7	7409		4593	8	2816	1	7184	31
30	8	1418		4195	8	7223	1	2777	30
			<i>Sin.</i> 72				<i>Tan.</i> 72		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 17				<i>Tan.</i> 17				
30	9478	1418	9979	4195	9498	7223	10501	2777	30
31	8	5423		3796	9	1626	0	8374	29
32	8	9423		3398	9	6026	0	3974	28
33	9	3420		2998	9500	0422	10499	9578	27
34	9	7412		2599	0	4814	9	5186	26
35	9480	1401		2198	0	9203	9	0797	25
36	0	5385		1798	1	3588	8	6412	24
37	0	9366		1397	1	7969	8	2031	23
38	1	3342		0996	2	2347	7	7653	22
39	1	7315		0594	2	6721	7	3279	21
40	2	1283		0192	3	1092	6	8908	20
41	2	5248	9978	9789	3	5459	6	4541	19
42	2	9208		9386	3	9822	6	0178	18
43	3	3165		8983	4	4182	5	5818	17
44	3	7117		8579	4	8538	5	1462	16
45	4	1066		8175	5	2891	4	7109	15
46	4	5010		7770	5	7240	4	2760	14
47	4	8951		7365	6	1586	3	8414	13
48	5	2888		6960	6	5928	3	4072	12
49	5	6820		6554	7	0267	2	9733	11
50	6	0749		6148	7	4602	2	5398	10
51	6	4674		5741	7	8933	2	1067	9
52	6	8595		5334	8	3261	1	6739	8
53	7	2512		4927	8	7586	1	2414	7
54	7	6426		4519	9	1907	0	8093	6
55	8	0335		4111	9	6224	0	3776	5
56	8	4240		3702	9510	0539	10489	9461	4
57	8	8142		3293	0	4849	9	5151	3
58	9	2040		2883	0	9156	9	0844	2
59	9	5934		2474	1	3460	8	6540	1
60	9	9824		2063	1	7760	8	2240	0
			<i>Sin.</i> 72				<i>Tan.</i> 72		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 18				<i>Tan.</i> 18				
0	9489	9824	9978	2063	9511	7760	10488	2240	60
1	9490	3710		1653	2	2057	7	7943	59
2	0	7592		1241	2	6351	7	3649	58
3	1	1471		0830	3	0641	6	9359	57
4	1	5345		0418	3	4927	6	5073	56
5	1	9216		0006	3	9210	6	0790	55
6	2	3083	9977	9593	4	3490	5	6510	54
7	2	6946		9180	4	7766	5	2234	53
8	3	0806		8766	5	2039	4	7961	52
9	3	4661		8353	5	6309	4	3691	51
10	3	8513		7938	6	0575	3	9425	50
11	4	2361		7523	6	4838	3	5162	49
12	4	6205		7108	6	9097	3	0903	48
13	5	0046		6693	7	3353	2	6647	47
14	5	3883		6277	7	7606	2	2394	46
15	5	7716		5860	8	1855	1	8145	45
16	6	1545		5444	8	6101	1	3899	44
17	6	5370		5026	9	0344	0	9656	43
18	6	9192		4609	9	4583	0	5417	42
19	7	3010		4191	9	8819	0	1181	41
20	7	6824		3772	9520	3052	10479	6948	40
21	8	0635		3354	0	7282	9	2718	39
22	8	4442		2934	1	1508	8	8492	38
23	8	8245		2515	1	5730	8	4270	37
24	9	2045		2095	1	9950	8	0050	36
25	9	5840		1674	2	4166	7	5834	35
26	9	9633		1253	2	8379	7	1621	34
27	9500	3421		0832	3	2589	6	7411	33
28	0	7206		0410	3	6795	6	3205	32
29	1	0987	9976	9988	4	0999	5	9001	31
30	1	4764		9566	4	5199	5	4801	30
			<i>Sin.</i> 71				<i>Tan.</i> 71		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 18				<i>Tan.</i> 18				
30	9501	4764	9976	9566	9524	5199	10475	4801	30
31	1	8538		9143	4	9395	5	0605	29
32	2	2308		8720	5	3589	4	6411	28
33	2	6075		8296	5	7779	4	2221	27
34	2	9838		7872	6	1966	3	8034	26
35	3	3597		7447	6	6150	3	3850	25
36	3	7353		7022	7	0331	2	9669	24
37	4	1105		6597	7	4508	2	5492	23
38	4	4853		6171	7	8682	2	1318	22
39	4	8598		5745	8	2853	1	7147	21
40	5	2339		5318	8	7021	1	2979	20
41	5	6077		4891	9	1186	0	8814	19
42	5	9811		4464	9	5347	0	4653	18
43	6	3542		4036	9	9505	0	0495	17
44	6	7269		3608	9530	3661	10469	6339	16
45	7	0992		3179	0	7813	9	2187	15
46	7	4712		2750	1	1961	8	8039	14
47	7	8428		2321	1	6107	8	3893	13
48	8	2141		1891	2	0250	7	9750	12
49	8	5850		1461	2	4389	7	5611	11
50	8	9556		1030	2	8526	7	1474	10
51	9	3258		0599	3	2659	6	7341	9
52	9	6956		0167	3	6789	6	3211	8
53	9510	0651	9975	9736	4	0916	5	9084	7
54	0	4343		9303	4	5040	5	4960	6
55	0	8031		8870	4	9161	5	0839	5
56	1	1716		8437	5	3278	4	6722	4
57	1	5397		8004	5	7393	4	2607	3
58	1	9074		7570	6	1505	3	8495	2
59	2	2749		7135	6	5613	3	4387	1
60	2	6419		6701	6	9719	3	0281	0
			<i>Sin.</i> 71				<i>Tan.</i> 71		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 19				<i>Tan.</i> 19				
0	95	12 6419	9975	6701	9536	9719	10463	0281	60
1		3 0086		6265	7 3821		2 6179		59
2		3 3750		5830	7 7920		2 2080		58
3		3 7410		5394	8 2017		1 7983		57
4		4 1067		4957	8 6110		1 3890		56
5		4 4721		4521	9 0200		0 9800		55
6		4 8371		4083	9 4287		0 5713		54
7		5 2017		3646	9 8371		0 1629		53
8		5 5660		3208	9540 2453		10459 7547		52
9		5 9300		2769	0 6531		9 3469		51
10		6 2936		2330	1 0606		8 9394		50
11		6 6569		1891	1 4678		8 5322		49
12		7 0198		1451	1 8747		8 1253		48
13		7 3824		1011	2 2813		7 7187		47
14		7 7447		0570	2 6877		7 3123		46
15		8 1066		0129	3 0937		6 9063		45
16		8 4682	9974	9688	3 4994		6 5006		44
17		8 8295		9246	3 9048		6 0952		43
18		9 1904		8804	4 3100		5 6900		42
19		9 5510		8361	4 7148		5 2852		41
20		9 9112		7918	5 1193		4 8807		40
21	95	20 2711		7475	5 5236		4 4764		39
22		0 6307		7031	5 9276		4 0724		38
23		0 9899		6587	6 3312		3 6688		37
24		1 3488		6142	6 7346		3 2654		36
25		1 7074		5697	7 1377		2 8623		35
26		2 0656		5252	7 5405		2 4595		34
27		2 4235		4806	7 9430		2 0570		33
28		2 7811		4359	8 3452		1 6548		32
29		3 1383		3913	8 7471		1 2529		31
30		3 4953		3466	9 1487		0 8513		30
			<i>Sin.</i> 70				<i>Tan.</i> 70		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 19				<i>Tan.</i> 19				
30	9523	4953	9974	3466	9549	1487	10450	8513	30
31	3	8518		3018	9	5500	0	4500	29
32	4	2081		2570	9	9511	0	0489	28
33	4	5640		2122	9550	3519	10449	6481	27
34	4	9196		1673	0	7523	9	2477	26
35	5	2749		1224	1	1525	8	8475	25
36	5	6298		0774	1	5524	8	4476	24
37	5	9844		0324	1	9521	8	0479	23
38	6	3387	9973	9873	2	3514	7	6486	22
39	6	6927		9422	2	7504	7	2496	21
40	7	0463		8971	3	1492	6	8508	20
41	7	3997		8519	3	5477	6	4523	19
42	7	7526		8067	3	9459	6	0541	18
43	8	1053		7615	4	3438	5	6562	17
44	8	4577		7162	4	7415	5	2585	16
45	8	8097		6709	5	1388	4	8612	15
46	9	1614		6255	5	5359	4	4641	14
47	9	5128		5801	5	9327	4	0673	13
48	9	8638		5346	6	3292	3	6708	12
49	9530	2146		4891	6	7255	3	2745	11
50	0	5650		4435	7	1214	2	8786	10
51	0	9151		3980	7	5171	2	4829	9
52	1	2649		3523	7	9125	2	0875	8
53	1	6143		3067	8	3077	1	6923	7
54	1	9635		2610	8	7025	1	2975	6
55	2	3123		2152	9	0971	0	9029	5
56	2	6608		1694	9	4914	0	5086	4
57	3	0090		1236	9	8854	0	1146	3
58	3	3569		0777	9560	2792	10439	7208	2
59	3	7044		0318	0	6727	9	3273	1
60	4	0517	9972	9858	1	0659	8	9341	0
			<i>Sin.</i> 70				<i>Tan.</i> 70		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 20				<i>Tan.</i> 20				
0	9534	0517	9972	9858	9561	0659	10438	9341	60
1	4	3986		9398	1	4588	8	5412	59
2	4	7452		8938	1	8515	8	1485	58
3	5	0915		8477	2	2439	7	7561	57
4	5	4375		8016	2	6360	7	3640	56
5	5	7832		7554	3	0278	6	9722	55
6	6	1286		7092	3	4194	6	5806	54
7	6	4737		6629	3	8107	6	1893	53
8	6	8184		6166	4	2018	5	7982	52
9	7	1629		5703	4	5925	5	4075	51
10	7	5070		5239	4	9831	5	0169	50
11	7	8508		4775	5	3733	4	6267	49
12	8	1943		4310	5	7633	4	2367	48
13	8	5375		3845	6	1530	3	8470	47
14	8	8804		3380	6	5424	3	4576	46
15	9	2230		2914	6	9316	3	0684	45
16	9	5653		2448	7	3205	2	6795	44
17	9	9073		1981	7	7091	2	2909	43
18	9540	2489		1514	8	0975	1	9025	42
19	0	5903		1047	8	4856	1	5144	41
20	0	9314		0579	8	8735	1	1265	40
21	1	2721		0110	9	2611	0	7389	39
22	1	6126	9971	9642	9	6484	0	3516	38
23	1	9527		9172	9570	0355	10429	9645	37
24	2	2926		8703	0	4223	9	5777	36
25	2	6321		8233	0	8088	9	1912	35
26	2	9713		7762	1	1951	8	8049	34
27	3	3103		7291	1	5811	8	4189	33
28	3	6489		6820	1	9669	8	0331	32
29	3	9873		6348	2	3524	7	6476	31
30	4	3253		5876	2	7377	7	2623	30
			<i>Sin.</i> 69				<i>Tan.</i> 69		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 20				<i>Tan.</i> 20				
30	9544	3253	9971	5876	9572	7377	10427	2623	30
31	4	6630		5404	3	1227	6	8773	29
32	5	0005		4931	3	5074	6	4926	28
33	5	3376		4457	3	8919	6	1081	27
34	5	6745		3984	4	2761	5	7239	26
35	6	0110		3509	4	6601	5	3399	25
36	6	3472		3035	5	0438	4	9562	24
37	6	6832		2560	5	4272	4	5728	23
38	7	0189		2084	5	8104	4	1896	22
39	7	3542		1608	6	1934	3	8066	21
40	7	6893		1132	6	5761	3	4239	20
41	8	0240		0655	6	9585	3	0415	19
42	8	3585		0178	7	3407	2	6593	18
43	8	6927	9970	9701	7	7226	2	2774	17
44	9	0266		9223	8	1043	1	8957	16
45	9	3602		8744	8	4858	1	5142	15
46	9	6935		8265	8	8669	1	1331	14
47	9550	0265		7786	9	2479	0	7521	13
48	0	3592		7306	9	6286	0	3714	12
49	0	6916		6826	9580	0090	10419	9910	11
50	1	0237		6346	0	3892	9	6108	10
51	1	3556		5865	0	7691	9	2309	9
52	1	6871		5383	1	1488	8	8512	8
53	2	0184		4902	1	5282	8	4718	7
54	2	3494		4419	1	9074	8	0926	6
55	2	6801		3937	2	2864	7	7136	5
56	3	0105		3454	2	6651	7	3349	4
57	3	3406		2970	3	0435	6	9565	3
58	3	6704		2486	3	4217	6	5783	2
59	3	9999		2002	3	7997	6	2003	1
60	4	3292		1517	4	1774	5	8226	0
			<i>Sin.</i> 69				<i>Tan.</i> 69		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 21				<i>Tan.</i> 21				
0	9554	3292	9970	1517	9584	1774	10415	8226	60
1	4	6581		1032	4	5549	5	4451	59
2	4	9868		0547	4	9321	5	0679	58
3	5	3152		0061	5	3091	4	6909	57
4	5	6433	9969	9574	5	6859	4	3141	56
5	5	9711		9087	6	0624	3	9376	55
6	6	2987		8600	6	4386	3	5614	54
7	6	6259		8112	6	8147	3	1853	53
8	6	9529		7624	7	1904	2	8096	52
9	7	2796		7136	7	5660	2	4340	51
10	7	6060		6647	7	9413	2	0587	50
11	7	9321		6158	8	3163	1	6837	49
12	8	2579		5668	8	6912	1	3088	48
13	8	5835		5177	9	0657	0	9343	47
14	8	9088		4687	9	4401	0	5599	46
15	9	2338		4196	9	8142	0	1858	45
16	9	5585		3704	9590	1881	10409	8119	44
17	9	8829		3212	0	5617	9	4383	43
18	9560	2071		2720	0	9351	9	0649	42
19	0	5310		2227	1	3082	8	6918	41
20	0	8546		1734	1	6812	8	3188	40
21	1	1779		1241	2	0539	7	9461	39
22	1	5010		0746	2	4263	7	5737	38
23	1	8237		0252	2	7985	7	2015	37
24	2	1462	9968	9757	3	1705	6	8295	36
25	2	4685		9262	3	5423	6	4577	35
26	2	7904		8766	3	9138	6	0862	34
27	3	1121		8270	4	2851	5	7149	33
28	3	4335		7773	4	6561	5	3439	32
29	3	7546		7276	5	0269	4	9731	31
30	4	0754		6779	5	3975	4	6025	30
			<i>Sin.</i> 68				<i>Tan.</i> 68		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 21				<i>Tan.</i> 21				
30	9564	0754	9968	6779	9595	3975	10404	6025	30
31	4	3960		6281	5	7679	4	2321	29
32	4	7163		5783	6	1380	3	8620	28
33	5	0363		5284	6	5079	3	4921	27
34	5	3561		4785	6	8776	3	1224	26
35	5	6756		4286	7	2470	2	7530	25
36	5	9948		3786	7	6162	2	3838	24
37	6	3137		3285	7	9852	2	0148	23
38	6	6324		2784	8	3540	1	6460	22
39	6	9508		2283	8	7225	1	2775	21
40	7	2689		1781	9	0908	0	9092	20
41	7	5868		1279	9	4588	0	5412	19
42	7	9044		0777	9	8267	0	1733	18
43	8	2217		0274	9600	1943	10399	8057	17
44	8	5387	9967	9771	0	5617	9	4383	16
45	8	8555		9267	0	9289	9	0711	15
46	9	1721		8763	1	2958	8	7042	14
47	9	4883		8258	1	6625	8	3375	13
48	9	8043		7753	2	0290	7	9710	12
49	9570	1200		7247	2	3953	7	6047	11
50	0	4355		6741	2	7613	7	2387	10
51	0	7506		6235	3	1271	6	8729	9
52	1	0656		5728	3	4927	6	5073	8
53	1	3802		5221	3	8581	6	1419	7
54	1	6946		4713	4	2233	5	7767	6
55	2	0087		4205	4	5882	5	4118	5
56	2	3226		3697	4	9529	5	0471	4
57	2	6362		3188	5	3174	4	6826	3
58	2	9495		2679	5	6817	4	3183	2
59	3	2626		2169	6	0457	3	9543	1
60	3	5754		1659	6	4096	3	5904	0
			<i>Sin.</i> 68				<i>Tan.</i> 68		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin. 22</i>				<i>Tan. 22</i>				
0	9573	5754	9967	1659	9606	4096	10393	5904	60
1	3	8880		1148	6	7732	3	2268	59
2	4	2003		0637	7	1366	2	8634	58
3	4	5123		0125	7	4997	2	5003	57
4	4	8240	9966	9614	7	8627	2	1373	56
5	5	1356		9101	8	2254	1	7746	55
6	5	4468		8588	8	5880	1	4120	54
7	5	7578		8075	8	9503	1	0497	53
8	6	0685		7562	9	3124	0	6876	52
9	6	3790		7048	9	6742	0	3258	51
10	6	6892		6533	9610	0359	10389	9641	50
11	6	9991		6018	0	3973	9	6027	49
12	7	3088		5503	0	7586	9	2414	48
13	7	6183		4987	1	1196	8	8804	47
14	7	9275		4471	1	4804	8	5196	46
15	8	2364		3954	1	8409	8	1591	45
16	8	5450		3437	2	2013	7	7987	44
17	8	8535		2920	2	5615	7	4385	43
18	9	1616		2402	2	9214	7	0786	42
19	9	4695		1884	3	2812	6	7188	41
20	9	7772		1365	3	6407	6	3593	40
21	9580	0845		0846	4	0000	6	0000	39
22	0	3917		0326	4	3591	5	6409	38
23	0	6986	9965	9806	4	7180	5	2820	37
24	1	0052		9285	5	0766	4	9234	36
25	1	3116		8764	5	4351	4	5649	35
26	1	6177		8243	5	7934	4	2066	34
27	1	9236		7721	6	1514	3	8486	33
28	2	2292		7199	6	5093	3	4907	32
29	2	5345		6677	6	8669	3	1331	31
30	2	8397		6153	7	2243	2	7757	30
			<i>Sin. 67</i>				<i>Tan. 67</i>		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 22				<i>Tan.</i> 22				
30	9582	8397	9965	6153	9617	2243	10382	7757	30
31	3	1445		5630	7	5815	2	4185	29
32	3	4491		5106	7	9385	2	0615	28
33	3	7535		4582	8	2953	1	7047	27
34	4	0576		4057	8	6519	1	3481	26
35	4	3615		3532	9	0083	0	9917	25
36	4	6651		3006	9	3645	0	6355	24
37	4	9685		2480	9	7205	0	2795	23
38	5	2716		1953	9620	0762	10379	9238	22
39	5	5745		1426	0	4318	9	5682	21
40	5	8771		0899	0	7872	9	2128	20
41	6	1795		0371	1	1423	8	8577	19
42	6	4816	9964	9843	1	4973	8	5027	18
43	6	7835		9314	1	8520	8	1480	17
44	7	0851		8785	2	2066	7	7934	16
45	7	3865		8256	2	5609	7	4391	15
46	7	6876		7726	2	9150	7	0850	14
47	7	9885		7195	3	2690	6	7310	13
48	8	2892		6665	3	6227	6	3773	12
49	8	5896		6133	3	9763	6	0237	11
50	8	8897		5602	4	3296	5	6704	10
51	9	1897		5069	4	6827	5	3173	9
52	9	4893		4537	5	0356	4	9644	8
53	9	7888		4004	5	3884	4	6116	7
54	9590	0880		3470	5	7409	4	2591	6
55	0	3869		2937	6	0932	3	9068	5
56	0	6856		2402	6	4454	3	5546	4
57	0	9841		1868	6	7973	3	2027	3
58	1	2823		1332	7	1491	2	8509	2
59	1	5803		0797	7	5006	2	4994	1
60	1	8780		0261	7	8519	2	1481	0
			<i>Sin.</i> 67				<i>Tan.</i> 67		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 23				<i>Tan.</i> 23				
0	9591	8780	9964	0261	9627	8519	10372	1481	60
1	2	1755	9963	9724	8	2031	1	7969	59
2	2	4728		9187	8	5540	1	4460	58
3	2	7698		8650	8	9048	1	0952	57
4	3	0666		8112	9	2553	0	7447	56
5	3	3631		7574	9	6057	0	3943	55
6	3	6594		7036	9	9558	0	0442	54
7	3	9555		6496	9630	3058	10369	6942	53
8	4	2513		5957	0	6556	9	3444	52
9	4	5469		5417	1	0052	8	9948	51
10	4	8422		4877	1	3545	8	6455	50
11	5	1373		4336	1	7037	8	2963	49
12	5	4322		3795	2	0527	7	9473	48
13	5	7268		3253	2	4015	7	5985	47
14	6	0212		2711	2	7501	7	2499	46
15	6	3154		2168	3	0985	6	9015	45
16	6	6093		1625	3	4468	6	5532	44
17	6	9030		1082	3	7948	6	2052	43
18	7	1965		0538	4	1426	5	8574	42
19	7	4897	9962	9994	4	4903	5	5097	41
20	7	7827		9449	4	8378	5	1622	40
21	8	0754		8904	5	1850	4	8150	39
22	8	3679		8358	5	5321	4	4679	38
23	8	6602		7812	5	8790	4	1210	37
24	8	9523		7266	6	2257	3	7743	36
25	9	2441		6719	6	5722	3	4278	35
26	9	5357		6172	6	9185	3	0815	34
27	9	8270		5624	7	2646	2	7354	33
28	9600	1181		5076	7	6106	2	3894	32
29	0	4090		4527	7	9563	2	0437	31
30	0	6997		3978	8	3019	1	6981	30
			<i>Sin.</i> 66				<i>Tan.</i> 66		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 23				<i>Tan.</i> 23				
30	9600	6997	9962	3978	9638	3019	10361	6981	30
31	0	9901		3428	8	6473	1	3527	29
32	1	2803		2878	8	9925	1	0075	28
33	1	5703		2328	9	3375	0	6625	27
34	1	8600		1777	9	6823	0	3177	26
35	2	1495		1226	9640	0269	10359	9731	25
36	2	4388		0674	0	3714	9	6286	24
37	2	7278		0122	0	7156	9	2844	23
38	3	0166	9961	9569	1	0597	8	9403	22
39	3	3052		9016	1	4036	8	5964	21
40	3	5936		8463	1	7473	8	2527	20
41	3	8817		7909	2	0908	7	9092	19
42	4	1696		7355	2	4342	7	5658	18
43	4	4573		6800	2	7773	7	2227	17
44	4	7448		6245	3	1203	6	8797	16
45	5	0320		5689	3	4631	6	5369	15
46	5	3190		5133	3	8057	6	1943	14
47	5	6057		4576	4	1481	5	8519	13
48	5	8923		4020	4	4903	5	5097	12
49	6	1786		3462	4	8324	5	1676	11
50	6	4647		2904	5	1743	4	8257	10
51	6	7506		2346	5	5160	4	4840	9
52	7	0362		1787	5	8575	4	1425	8
53	7	3216		1228	6	1988	3	8012	7
54	7	6068		0668	6	5400	3	4600	6
55	7	8918		0108	6	8810	3	1190	5
56	8	1765	9960	9548	7	2217	2	7783	4
57	8	4611		8987	7	5624	2	4376	3
58	8	7454		8426	7	9028	2	0972	2
59	9	0294		7864	8	2431	1	7569	1
60	9	3133		7302	8	5831	1	4169	0
			<i>Sin.</i> 66				<i>Tan.</i> 66		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 24				<i>Tan.</i> 24				
0	9609	3133	9960	7302	9648	5831	10351	4169	60
1	9	5969		6739	8	9230	1	0770	59
2	9	8803		6176	9	2628	0	7372	58
3	9610	1635		5612	9	6023	0	3977	57
4	0	4465		5048	9	9417	0	0583	56
5	0	7293		4484	9650	2809	10349	7191	55
6	1	0118		3919	0	6199	9	3801	54
7	1	2941		3354	0	9587	9	0413	53
8	1	5762		2788	1	2974	8	7026	52
9	1	8580		2222	1	6359	8	3641	51
10	2	1397		1655	1	9742	8	0258	50
11	2	4211		1088	2	3123	7	6877	49
12	2	7023		0520	2	6503	7	3497	48
13	2	9833	9959	9952	2	9881	7	0119	47
14	3	2641		9384	3	3257	6	6743	46
15	3	5446		8815	3	6631	6	3369	45
16	3	8250		8246	4	0004	5	9996	44
17	4	1051		7676	4	3375	5	6625	43
18	4	3850		7106	4	6744	5	3256	42
19	4	6647		6535	5	0112	4	9888	41
20	4	9441		5964	5	3477	4	6523	40
21	5	2234		5393	5	6841	4	3159	39
22	5	5024		4821	6	0204	3	9796	38
23	5	7812		4248	6	3564	3	6436	37
24	6	0599		3675	6	6923	3	3077	36
25	6	3382		3102	7	0280	2	9720	35
26	6	6164		2528	7	3636	2	6364	34
27	6	8944		1954	7	6989	2	3011	33
28	7	1721		1380	8	0341	1	9659	32
29	7	4496		0805	8	3692	1	6308	31
30	7	7270		0229	8	7041	1	2959	30
			<i>Sin.</i> 65				<i>Tan.</i> 65		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 24				<i>Tan.</i> 24				
30	9617	7270	9959	0229	9658	7041	10341	2959	30
31	8	0041	9958	9653	9	0387	0	9613	29
32	8	2809		9077	9	3733	0	6267	28
33	8	5576		8500	9	7076	0	2924	27
34	8	8341		7923	9660	0418	10339	9582	26
35	9	1103		7345	0	3758	9	6242	25
36	9	3864		6767	0	7097	9	2903	24
37	9	6622		6188	1	0434	8	9566	23
38	9	9378		5609	1	3769	8	6231	22
39	9620	2132		5030	1	7103	8	2897	21
40	0	4884		4450	2	0434	7	9566	20
41	0	7634		3869	2	3765	7	6235	19
42	1	0382		3288	2	7093	7	2907	18
43	1	3127		2707	3	0420	6	9580	17
44	1	5871		2125	3	3745	6	6255	16
45	1	8612		1543	3	7069	6	2931	15
46	2	1351	9957	0961	4	0391	5	9609	14
47	2	4088		0378	4	3711	5	6289	13
48	2	6824		9794	4	7030	5	2970	12
49	2	9557		9210	5	0346	4	9654	11
50	3	2287		8626	5	3662	4	6338	10
51	3	5016		8041	5	6975	4	3025	9
52	3	7743		7456	6	0288	3	9712	8
53	4	0468		6870	6	3598	3	6402	7
54	4	3190		6284	6	6907	3	3093	6
55	4	5911		5697	7	0214	2	9786	5
56	4	8629		5110	7	3519	2	6481	4
57	5	1346		4522	7	6823	2	3177	3
58	5	4060		3934	8	0126	1	9874	2
59	5	6772		3346	8	3426	1	6574	1
60	5	9483		2757	8	6725	1	3275	0
			<i>Sin.</i> 65				<i>Tan.</i> 65		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 25				<i>Tan.</i> 25				
0	9625	9483	9957	2757	9668	6725	10331	3275	60
1	6	2191		2168	9	0023	0	9977	59
2	6	4897		1578	9	3319	0	6681	58
3	6	7601		0988	9	6613	0	3387	57
4	7	0303		0397	9	9906	0	0094	56
5	7	3003	9956	9806	9670	3197	10329	6803	55
6	7	5701		9215	0	6486	9	3514	54
7	7	8397		8623	0	9774	9	0226	53
8	8	1090		8030	1	3060	8	6940	52
9	8	3782		7437	1	6345	8	3655	51
10	8	6472		6844	1	9628	8	0372	50
11	8	9160		6250	2	2910	7	7090	49
12	9	1845		5656	2	6190	7	3810	48
13	9	4529		5061	2	9468	7	0532	47
14	9	7211		4466	3	2745	6	7255	46
15	9	9890		3870	3	6020	6	3980	45
16	9630	2568		3274	3	9294	6	0706	44
17	0	5243		2678	4	2566	5	7434	43
18	0	7917		2081	4	5836	5	4164	42
19	1	0589		1483	4	9105	5	0895	41
20	1	3258		0886	5	2372	4	7628	40
21	1	5926		0287	5	5638	4	4362	39
22	1	8591	9955	9689	5	8903	4	1097	38
23	2	1255		9089	6	2165	3	7835	37
24	2	3916		8490	6	5426	3	4574	36
25	2	6576		7890	6	8686	3	1314	35
26	2	9233		7289	7	1944	2	8056	34
27	3	1889		6688	7	5201	2	4799	33
28	3	4542		6087	7	8456	2	1544	32
29	3	7194		5485	8	1709	1	8291	31
30	3	9844		4882	8	4961	1	5039	30
			<i>Sin.</i> 64				<i>Tan.</i> 64		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 25				<i>Tan.</i> 25				
30	9633	9844	9955	4882	9678	4961	10321	5039	30
31	4	2491		4280	8	8211	1	1789	29
32	4	5137		3676	9	1460	0	8540	28
33	4	7780		3073	9	4708	0	5292	27
34	5	0422		2469	9	7953	0	2047	26
35	5	3062		1864	9680	1198	10319	8802	25
36	5	5699		1259	0	4440	9	5560	24
37	5	8335		0653	0	7682	9	2318	23
38	6	0969		0047	1	0921	8	9079	22
39	6	3601	9954	9441	1	4160	8	5840	21
40	6	6231		8834	1	7396	8	2604	20
41	6	8859		8227	2	0632	7	9368	19
42	7	1484		7619	2	3865	7	6135	18
43	7	4108		7011	2	7098	7	2902	17
44	7	6731		6402	3	0328	6	9672	16
45	7	9351		5793	3	3557	6	6443	15
46	8	1969		5184	3	6785	6	3215	14
47	8	4585		4574	4	0011	5	9989	13
48	8	7199		3963	4	3236	5	6764	12
49	8	9812		3352	4	6459	5	3541	11
50	9	2422		2741	4	9681	5	0319	10
51	9	5030		2129	5	2901	4	7099	9
52	9	7637		1517	5	6120	4	3880	8
53	9640	0241		0904	5	9338	4	0662	7
54	0	2844		0291	6	2553	3	7447	6
55	0	5445	9953	9677	6	5768	3	4232	5
56	0	8044		9063	6	8981	3	1019	4
57	1	0640		8448	7	2192	2	7808	3
58	1	3235		7833	7	5402	2	4598	2
59	1	5828		7218	7	8611	2	1389	1
60	1	8420		6602	8	1818	1	8182	0
			<i>Sin.</i> 64				<i>Tan.</i> 64		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 26				<i>Tan.</i> 26				
0	9641	8420	9953	6602	9688	1818	10311	8182	60
1	2	1009		5985	8	5023	1	4977	59
2	2	3596		5369	8	8227	1	1773	58
3	2	6182		4751	9	1430	0	8570	57
4	2	8765		4134	9	4631	0	5369	56
5	3	1347		3515	9	7831	0	2169	55
6	3	3926		2897	9690	1030	10309	8970	54
7	3	6504		2278	0	4226	9	5774	53
8	3	9080		1658	0	7422	9	2578	52
9	4	1654		1038	1	0616	8	9384	51
10	4	4226		0418	1	3809	8	6191	50
11	4	6796	9952	9797	1	7000	8	3000	49
12	4	9365		9175	2	0189	7	9811	48
13	5	1931		8553	2	3378	7	6622	47
14	5	4496		7931	2	6565	7	3435	46
15	5	7058		7308	2	9750	7	0250	45
16	5	9619		6685	3	2934	6	7066	44
17	6	2178		6061	3	6117	6	3883	43
18	6	4735		5437	3	9298	6	0702	42
19	6	7290		4813	4	2478	5	7522	41
20	6	9844		4188	4	5656	5	4344	40
21	7	2395		3562	4	8833	5	1167	39
22	7	4945		2936	5	2009	4	7991	38
23	7	7492		2310	5	5183	4	4817	37
24	8	0038		1683	5	8355	4	1645	36
25	8	2582		1055	6	1527	3	8473	35
26	8	5124		0428	6	4697	3	5303	34
27	8	7665	9951	9799	6	7865	3	2135	33
28	9	0203		9171	7	1032	2	8968	32
29	9	2740		8541	7	4198	2	5802	31
30	9	5274		7912	7	7363	2	2637	30
			<i>Sin.</i> 63				<i>Tan.</i> 63		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 26				<i>Tan.</i> 26				
30	9649	5274	9951	7912	9697	7363	10302	2637	30
31	9	7807		7282	8	0526	1	9474	29
32	9650	0338		6651	8	3687	1	6313	28
33	0	2868		6020	8	6847	1	3153	27
34	0	5395		5389	9	0006	0	9994	26
35	0	7920		4757	9	3164	0	6836	25
36	1	0444		4124	9	6320	0	3680	24
37	1	2966		3492	9	9474	0	0526	23
38	1	5486		2858	9700	2628	10299	7372	22
39	1	8004		2224	0	5780	9	4220	21
40	2	0521		1590	0	8930	9	1070	20
41	2	3035		0956	1	2080	8	7920	19
42	2	5548		0320	1	5227	8	4773	18
43	2	8059	9950	9685	1	8374	8	1626	17
44	3	0568		9049	2	1519	7	8481	16
45	3	3075		8412	2	4663	7	5337	15
46	3	5581		7775	2	7805	7	2195	14
47	3	8084		7138	3	0946	6	9054	13
48	4	0586		6500	3	4086	6	5914	12
49	4	3086		5861	3	7225	6	2775	11
50	4	5584		5223	4	0362	5	9638	10
51	4	8081		4583	4	3497	5	6503	9
52	5	0575		3944	4	6632	5	3368	8
53	5	3068		3303	4	9765	5	0235	7
54	5	5559		2663	5	2897	4	7103	6
55	5	8048		2022	5	6027	4	3973	5
56	6	0536		1380	5	9156	4	0844	4
57	6	3021		0738	6	2284	3	7716	3
58	6	5505		0095	6	5410	3	4590	2
59	6	7987	9949	9452	6	8535	3	1465	1
60	7	0468		8809	7	1659	2	8341	0
			<i>Sin.</i> 63				<i>Tan.</i> 63		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 27				<i>Tan.</i> 27				
0	9657	0468	9949	8809	9707	1659	10292	8341	60
1	7	2946		8165	7	4781	2	5219	59
2	7	5423		7521	7	7902	2	2098	58
3	7	7898		6876	8	1022	1	8978	57
4	8	0371		6230	8	4141	1	5859	56
5	8	2842		5585	8	7258	1	2742	55
6	8	5312		4938	9	0374	0	9626	54
7	8	7780		4292	9	3488	0	6512	53
8	9	0246		3645	9	6601	0	3399	52
9	9	2710		2997	9	9713	0	0287	51
10	9	5173		2349	9710	2824	10289	7176	50
11	9	7633		1700	0	5933	9	4067	49
12	9660	0093		1051	0	9041	9	0959	48
13	0	2550		0402	1	2148	8	7852	47
14	0	5005	9948	9752	1	5254	8	4746	46
15	0	7459		9101	1	8358	8	1642	45
16	0	9911		8450	2	1461	7	8539	44
17	1	2361		7799	2	4562	7	5438	43
18	1	4810		7147	2	7662	7	2338	42
19	1	7257		6495	3	0761	6	9239	41
20	1	9702		5842	3	3859	6	6141	40
21	2	2145		5189	3	6956	6	3044	39
22	2	4586		4535	4	0051	5	9949	38
23	2	7026		3881	4	3145	5	6855	37
24	2	9464		3227	4	6237	5	3763	36
25	3	1900		2572	4	9329	5	0671	35
26	3	4335		1916	5	2419	4	7581	34
27	3	6768		1260	5	5508	4	4492	33
28	3	9199		0604	5	8595	4	1405	32
29	4	1628	9947	9947	6	1682	3	8318	31
30	4	4056		9289	6	4767	3	5233	30
			<i>Sin.</i> 62				<i>Tan.</i> 62		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 27				<i>Tan.</i> 27				
30	9664	4056	9947	9289	9716	4767	10283	5233	30
31	4	6482		8631	6	7851	3	2149	29
32	4	8906		7973	7	0933	2	9067	28
33	5	1329		7314	7	4014	2	5986	27
34	5	3749		6655	7	7094	2	2906	26
35	5	6168		5995	8	0173	1	9827	25
36	5	8586		5335	8	3251	1	6749	24
37	6	1001		4674	8	6327	1	3673	23
38	6	3415		4013	8	9402	1	0598	22
39	6	5828		3352	9	2476	0	7524	21
40	6	8238		2689	9	5549	0	4451	20
41	7	0647		2027	9	8620	0	1380	19
42	7	3054		1364	9720	1690	10279	8310	18
43	7	5459		0700	0	4759	9	5241	17
44	7	7863		0036	0	7827	9	2173	16
45	8	0265	9946	9372	1	0893	8	9107	15
46	8	2665		8707	1	3958	8	6042	14
47	8	5064		8042	1	7022	8	2978	13
48	8	7461		7376	2	0085	7	9915	12
49	8	9856		6710	2	3147	7	6853	11
50	9	2250		6043	2	6207	7	3793	10
51	9	4642		5376	2	9266	7	0734	9
52	9	7032		4708	3	2324	6	7676	8
53	9	9420		4040	3	5381	6	4619	7
54	9670	1807		3371	3	8436	6	1564	6
55	0	4192		2702	4	1490	5	8510	5
56	0	6576		2032	4	4543	5	5457	4
57	0	8958		1362	4	7595	5	2405	3
58	1	1338		0692	5	0646	4	9354	2
59	1	3716		0021	5	3695	4	6305	1
60	1	6093	9945	9349	5	6744	4	3256	0
			<i>Sin.</i> 62				<i>Tan.</i> 62		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 28				<i>Tan.</i> 28				
0	9671	6093	9945	9349	9725	6744	10274	3256	60
1	1	8468		8677	5	9791	4	0209	59
2	2	0841		8005	6	2837	3	7163	58
3	2	3213		7332	6	5881	3	4119	57
4	2	5583		6659	6	8925	3	1075	56
5	2	7952		5985	7	1967	2	8033	55
6	3	0319		5310	7	5008	2	4992	54
7	3	2684		4636	7	8048	2	1952	53
8	3	5047		3960	8	1087	1	8913	52
9	3	7409		3285	8	4124	1	5876	51
10	3	9769		2609	8	7161	1	2839	50
11	4	2128		1932	9	0196	0	9804	49
12	4	4485		1255	9	3230	0	6770	48
13	4	6840		0577	9	6263	0	3737	47
14	4	9194	9944	9899	9	9295	0	0705	46
15	5	1546		9220	9730	2325	10269	7675	45
16	5	3896		8541	0	5354	9	4646	44
17	5	6245		7862	0	8383	9	1617	43
18	5	8592		7182	1	1410	8	8590	42
19	6	0937		6501	1	4436	8	5564	41
20	6	3281		5821	1	7460	8	2540	40
21	6	5623		5139	2	0484	7	9516	39
22	6	7963		4457	2	3506	7	6494	38
23	7	0302		3775	2	6527	7	3473	37
24	7	2640		3092	2	9547	7	0453	36
25	7	4975		2409	3	2566	6	7434	35
26	7	7309		1725	3	5584	6	4416	34
27	7	9642		1041	3	8601	6	1399	33
28	8	1972		0356	4	1616	5	8384	32
29	8	4301	9943	9671	4	4631	5	5369	31
30	8	6629		8985	4	7644	5	2356	30
			<i>Sin.</i> 61				<i>Tan.</i> 61		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 28				<i>Tan.</i> 28				
30	9678	6629	9943	8985	9734	7644	10265	2356	30
31	8	8955		8299	5	0656	4	9344	29
32	9	1279		7612	5	3667	4	6333	28
33	9	3602		6925	5	6677	4	3323	27
34	9	5923		6238	5	9685	4	0315	26
35	9	8243		5549	6	2693	3	7307	25
36	9680	0560		4861	6	5699	3	4301	24
37	0	2877		4172	6	8705	3	1295	23
38	0	5191		3482	7	1709	2	8291	22
39	0	7504		2792	7	4712	2	5288	21
40	0	9816		2102	7	7714	2	2286	20
41	1	2126		1411	8	0715	1	9285	19
42	1	4434		0720	8	3714	1	6286	18
43	1	6741		0028	8	6713	1	3287	17
44	1	9046	9942	9335	8	9710	1	0290	16
45	2	1349		8643	9	2707	0	7293	15
46	2	3651		7949	9	5702	0	4298	14
47	2	5952		7255	9	8696	0	1304	13
48	2	8250		6561	9740	1689	10259	8311	12
49	3	0548		5866	0	4681	9	5319	11
50	3	2843		5171	0	7672	9	2328	10
51	3	5137		4476	1	0662	8	9338	9
52	3	7430		3779	1	3650	8	6350	8
53	3	9720		3083	1	6638	8	3362	7
54	4	2010		2386	1	9624	8	0376	6
55	4	4297		1688	2	2609	7	7391	5
56	4	6583		0990	2	5594	7	4406	4
57	4	8868		0291	2	8577	7	1423	3
58	5	1151	9941	9592	3	1559	6	8441	2
59	5	3432		8893	3	4540	6	5460	1
60	5	5712		8193	3	7520	6	2480	0
			<i>Sin.</i> 61				<i>Tan.</i> 61		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 29				<i>Tan.</i> 29				
0	9685	5712	9941	8193	9743	7520	10256	2480	60
1	5	7991		7492	4	0499	5	9501	59
2	6	0267		6791	4	3476	5	6524	58
3	6	2542		6090	4	6453	5	3547	57
4	6	4816		5388	4	9428	5	0572	56
5	6	7088		4685	5	2403	4	7597	55
6	6	9359		3982	5	5376	4	4624	54
7	7	1628		3279	5	8349	4	1651	53
8	7	3895		2575	6	1320	3	8680	52
9	7	6161		1871	6	4290	3	5710	51
10	7	8425		1166	6	7259	3	2741	50
11	8	0688		0461	7	0227	2	9773	49
12	8	2949	9940	9755	7	3194	2	6806	48
13	8	5209		9048	7	6160	2	3840	47
14	8	7467		8342	7	9125	2	0875	46
15	8	9723		7634	8	2089	1	7911	45
16	9	1978		6927	8	5052	1	4948	44
17	9	4232		6219	8	8013	1	1987	43
18	9	6484		5510	9	0974	0	9026	42
19	9	8734		4801	9	3934	0	6066	41
20	9690	0983		4091	9	6892	0	3108	40
21	0	3231		3381	9	9850	0	0150	39
22	0	5476		2670	9750	2806	10249	7194	38
23	0	7721		1959	0	5762	9	4238	37
24	0	9964		1248	0	8716	9	1284	36
25	1	2205		0535	1	1669	8	8331	35
26	1	4445	9939	9823	1	4622	8	5378	34
27	1	6683		9110	1	7573	8	2427	33
28	1	8919		8396	2	0523	7	9477	32
29	2	1155		7682	2	3472	7	6528	31
30	2	3388		6968	2	6420	7	3580	30
			<i>Sin.</i> 60				<i>Tan.</i> 60		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 29				<i>Tan.</i> 29				
30	9692	3388	9939	6968	9752	6420	10247	3580	30
31	2	5620		6253	2	9368	7	0632	29
32	2	7851		5537	3	2314	6	7686	28
33	3	0080		4821	3	5259	6	4741	27
34	3	2308		4105	3	8203	6	1797	26
35	3	4534		3388	4	1146	5	8854	25
36	3	6758		2671	4	4088	5	5912	24
37	3	8981		1953	4	7029	5	2971	23
38	4	1203		1234	4	9969	5	0031	22
39	4	3423		0515	5	2908	4	7092	21
40	4	5642	9938	9796	5	5846	4	4154	20
41	4	7859		9076	5	8783	4	1217	19
42	5	0074		8356	6	1718	3	8282	18
43	5	2288		7635	6	4653	3	5347	17
44	5	4501		6914	6	7587	3	2413	16
45	5	6712		6192	7	0520	2	9480	15
46	5	8922		5470	7	3452	2	6548	14
47	6	1130		4747	7	6383	2	3617	13
48	6	3336		4024	7	9313	2	0687	12
49	6	5541		3300	8	2242	1	7758	11
50	6	7745		2576	8	5170	1	4830	10
51	6	9947		1851	8	8096	1	1904	9
52	7	2148		1126	9	1022	0	8978	8
53	7	4347		0400	9	3947	0	6053	7
54	7	6545	9937	9674	9	6871	0	3129	6
55	7	8741		8947	9	9794	0	0206	5
56	8	0936		8220	9760	2716	10239	7284	4
57	8	3129		7492	0	5637	9	4363	3
58	8	5321		6764	0	8557	9	1443	2
59	8	7511		6035	1	1476	8	8524	1
60	8	9700		5306	1	4394	8	5606	0
			<i>Sin.</i> 60				<i>Tan.</i> 60		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 30				<i>Tan.</i> 30				
0	9698	9700	9937	5306	9761	4394	10238	5606	60
1	9	1887		4577	1	7311	8	2689	59
2	9	4073		3847	2	0227	7	9773	58
3	9	6258		3116	2	3142	7	6858	57
4	9	8441		2385	2	6056	7	3944	56
5	9700	0622		1653	2	8969	7	1031	55
6	0	2802		0921	3	1881	6	8119	54
7	0	4981		0189	3	4792	6	5208	53
8	0	7158	9936	9456	3	7702	6	2298	52
9	0	9334		8722	4	0612	5	9388	51
10	1	1508		7988	4	3520	5	6480	50
11	1	3681		7254	4	6427	5	3573	49
12	1	5852		6519	4	9334	5	0666	48
13	1	8022		5783	5	2239	4	7761	47
14	2	0190		5047	5	5143	4	4857	46
15	2	2357		4311	5	8047	4	1953	45
16	2	4523		3574	6	0949	3	9051	44
17	2	6687		2836	6	3851	3	6149	43
18	2	8849		2098	6	6751	3	3249	42
19	3	1011		1360	6	9651	3	0349	41
20	3	3170		0621	7	2550	2	7450	40
21	3	5329	9935	9881	7	5448	2	4552	39
22	3	7486		9141	7	8344	2	1656	38
23	3	9641		8401	8	1240	1	8760	37
24	4	1795		7660	8	4135	1	5865	36
25	4	3947		6918	8	7029	1	2971	35
26	4	6099		6177	8	9922	1	0078	34
27	4	8248		5434	9	2814	0	7186	33
28	5	0397		4691	9	5705	0	4295	32
29	5	2543		3948	9	8596	0	1404	31
30	5	4689		3204	9770	1485	10229	8515	30
			<i>Sin.</i> 59				<i>Tan.</i> 59		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 30				<i>Tan.</i> 30				
30	9705	4689	9935	3204	9770	1485	10229	8515	30
31	5	6833		2459	0	4373	9	5627	29
32	5	8975		1715	0	7261	9	2739	28
33	6	1116		0969	1	0147	8	9853	27
34	6	3256		0223	1	3033	8	6967	26
35	6	5394	9934	9477	1	5917	8	4083	25
36	6	7531		8730	1	8801	8	1199	24
37	6	9667		7983	2	1684	7	8316	23
38	7	1801		7235	2	4566	7	5434	22
39	7	3933		6486	2	7447	7	2553	21
40	7	6064		5738	3	0327	6	9673	20
41	7	8194		4988	3	3206	6	6794	19
42	8	0323		4238	3	6084	6	3916	18
43	8	2450		3488	3	8961	6	1039	17
44	8	4575		2737	4	1838	5	8162	16
45	8	6699		1986	4	4713	5	5287	15
46	8	8822		1234	4	7588	5	2412	14
47	9	0943		0482	5	0462	4	9538	13
48	9	3063	9933	9729	5	3334	4	6666	12
49	9	5182		8976	5	6206	4	3794	11
50	9	7299		8222	5	9077	4	0923	10
51	9	9415		7467	6	1947	3	8053	9
52	9710	1529		6713	6	4816	3	5184	8
53	0	3642		5957	6	7685	3	2315	7
54	0	5753		5201	7	0552	2	9448	6
55	0	7863		4445	7	3418	2	6582	5
56	0	9972		3688	7	6284	2	3716	4
57	1	2080		2931	7	9149	2	0851	3
58	1	4186		2173	8	2012	1	7988	2
59	1	6290		1415	8	4875	1	5125	1
60	1	8393		0656	8	7737	1	2263	0
			<i>Sin.</i> 59				<i>Tan.</i> 59		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 31				<i>Tan.</i> 31				
0	9711	8393	9933	0656	9778	7737	10221	2263	60
1	2	0495	9932	9897	9	0599	0	9401	59
2	2	2596		9137	9	3459	0	6541	58
3	2	4695		8376	9	6318	0	3682	57
4	2	6792		7616	9	9177	0	0823	56
5	2	8889		6854	9780	2034	10219	7966	55
6	3	0983		6092	0	4891	9	5109	54
7	3	3077		5330	0	7747	9	2253	53
8	3	5169		4567	1	0602	8	9398	52
9	3	7260		3804	1	3456	8	6544	51
10	3	9349		3040	1	6309	8	3691	50
11	4	1437		2276	1	9162	8	0838	49
12	4	3524		1511	2	2013	7	7987	48
13	4	5609		0746	2	4864	7	5136	47
14	4	7693		9980	2	7713	7	2287	46
15	4	9776		9213	3	0562	6	9438	45
16	5	1857		8447	3	3410	6	6590	44
17	5	3937		7679	3	6258	6	3742	43
18	5	6015		6911	3	9104	6	0896	42
19	5	8092		6143	4	1949	5	8051	41
20	6	0168		5374	4	4794	5	5206	40
21	6	2243		4605	4	7638	5	2362	39
22	6	4316		3835	5	0481	4	9519	38
23	6	6387		3065	5	3323	4	6677	37
24	6	8458		2294	5	6164	4	3836	36
25	7	0526		1522	5	9004	4	0996	35
26	7	2594	9930	0750	6	1844	3	8156	34
27	7	4660		9978	6	4682	3	5318	33
28	7	6725		9205	6	7520	3	2480	32
29	7	8789		8432	7	0357	2	9643	31
30	8	0851		7658	7	3193	2	6807	30
			<i>Sin.</i> 58				<i>Tan.</i> 58		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 31				<i>Tan.</i> 31				
30	9718	0851	9930	7658	9787	3193	10212	6807	30
31	8	2912		6883	7	6028	2	3972	29
32	8	4971		6109	7	8863	2	1137	28
33	8	7030		5333	8	1696	1	8304	27
34	8	9086		4557	8	4529	1	5471	26
35	9	1142		3781	8	7361	1	2639	25
36	9	3196		3004	9	0192	0	9808	24
37	9	5249		2226	9	3023	0	6977	23
38	9	7300		1448	9	5852	0	4148	22
39	9	9350		0670	9	8681	0	1319	21
40	9720	1399	9929	9891	9790	1508	10209	8492	20
41	0	3447		9112	0	4335	9	5665	19
42	0	5493		8332	0	7161	9	2839	18
43	0	7538		7551	0	9987	9	0013	17
44	0	9581		6770	1	2811	8	7189	16
45	1	1623		5989	1	5635	8	4365	15
46	1	3664		5207	1	8458	8	1542	14
47	1	5704		4424	2	1280	7	8720	13
48	1	7742		3641	2	4101	7	5899	12
49	1	9779		2857	2	6921	7	3079	11
50	2	1814		2073	2	9741	7	0259	10
51	2	3848		1289	3	2560	6	7440	9
52	2	5881		0504	3	5378	6	4622	8
53	2	7913	9928	9718	3	8195	6	1805	7
54	2	9943		8932	4	1011	5	8989	6
55	3	1972		8145	4	3827	5	6173	5
56	3	4000		7358	4	6641	5	3359	4
57	3	6026		6571	4	9455	5	0545	3
58	3	8051		5783	5	2268	4	7732	2
59	4	0075		4994	5	5081	4	4919	1
60	4	2097		4205	5	7892	4	2108	0
			<i>Sin.</i> 58				<i>Tan.</i> 58		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 32				<i>Tan.</i> 32				
0	9724	2097	9928	4205	9795	7892	10204	2108	60
1	4	4118		3415	6	0703	3	9297	59
2	4	6138		2625	6	3513	3	6487	58
3	4	8156		1834	6	6322	3	3678	57
4	5	0174		1043	6	9130	3	0870	56
5	5	2189		0251	7	1938	2	8062	55
6	5	4204	9927	9459	7	4745	2	5255	54
7	5	6217		8666	7	7551	2	2449	53
8	5	8229		7873	8	0356	1	9644	52
9	6	0240		7079	8	3160	1	6840	51
10	6	2249		6285	8	5964	1	4036	50
11	6	4257		5490	8	8767	1	1233	49
12	6	6264		4695	9	1569	0	8431	48
13	6	8269		3899	9	4370	0	5630	47
14	7	0273		3103	9	7170	0	2830	46
15	7	2276		2306	9	9970	0	0030	45
16	7	4278		1509	9800	2769	10199	7231	44
17	7	6278		0711	0	5567	9	4433	43
18	7	8277	9926	9913	0	8365	9	1635	42
19	8	0275		9114	1	1161	8	8839	41
20	8	2271		8314	1	3957	8	6043	40
21	8	4267		7514	1	6752	8	3248	39
22	8	6260		6714	1	9546	8	0454	38
23	8	8253		5913	2	2340	7	7660	37
24	9	0244		5112	2	5133	7	4867	36
25	9	2234		4310	2	7925	7	2075	35
26	9	4223		3507	3	0716	6	9284	34
27	9	6211		2704	3	3506	6	6494	33
28	9	8197		1901	3	6296	6	3704	32
29	9730	0182		1096	3	9085	6	0915	31
30	0	2165		0292	4	1873	5	8127	30
			<i>Sin.</i> 57				<i>Tan.</i> 57		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 32				<i>Tan.</i> 32				
30	9730	2165	9926	0292	9804	1873	10195	8127	30
31	0	4148	9925	9487	4	4661	5	5339	29
32	0	6129		8681	4	7447	5	2553	28
33	0	8109		7875	5	0233	4	9767	27
34	1	0087		7069	5	3019	4	6981	26
35	1	2064		6261	5	5803	4	4197	25
36	1	4040		5454	5	8587	4	1413	24
37	1	6015		4646	6	1370	3	8630	23
38	1	7989		3837	6	4152	3	5848	22
39	1	9961		3028	6	6933	3	3067	21
40	2	1932		2218	6	9714	3	0286	20
41	2	3902	9924	1408	7	2494	2	7506	19
42	2	5870		0597	7	5273	2	4727	18
43	2	7837		9786	7	8052	2	1948	17
44	2	9803		8974	8	0829	1	9171	16
45	3	1768		8161	8	3606	1	6394	15
46	3	3731		7349	8	6383	1	3617	14
47	3	5693		6535	8	9158	1	0842	13
48	3	7654		5721	9	1933	0	8067	12
49	3	9614		4907	9	4707	0	5293	11
50	4	1572		4092	9	7480	0	2520	10
51	4	3529		3277	9810	0253	10189	9747	9
52	4	5485		2461	0	3025	9	6975	8
53	4	7440		1644	0	5796	9	4204	7
54	4	9393		0827	0	8566	9	1434	6
55	5	1345		0010	1	1336	8	8664	5
56	5	3296	9923	9191	1	4105	8	5895	4
57	5	5246		8373	1	6873	8	3127	3
58	5	7195		7554	1	9641	8	0359	2
59	5	9142		6734	2	2408	7	7592	1
60	6	1088		5914	2	5174	7	4826	0
			<i>Sin.</i> 57				<i>Tan.</i> 57		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 33				<i>Tan.</i> 33				
0	9736	1088	9923	5914	9812	5174	10187	4826	60
1	6	3032		5093	2	7939	7	2061	59
2	6	4976		4272	3	0704	6	9296	58
3	6	6918		3450	3	3468	6	6532	57
4	6	8859		2628	3	6231	6	3769	56
5	7	0799		1805	3	8993	6	1007	55
6	7	2737		0982	4	1755	5	8245	54
7	7	4675		0158	4	4516	5	5484	53
8	7	6611	9922	9334	4	7277	5	2723	52
9	7	8546		8509	5	0036	4	9964	51
10	8	0479		7684	5	2795	4	7205	50
11	8	2412		6858	5	5554	4	4446	49
12	8	4343		6032	5	8311	4	1689	48
13	8	6273		5205	6	1068	3	8932	47
14	8	8201		4377	6	3824	3	6176	46
15	9	0129		3549	6	6580	3	3420	45
16	9	2055		2721	6	9335	3	0665	44
17	9	3980		1891	7	2089	2	7911	43
18	9	5904		1062	7	4842	2	5158	42
19	9	7827		0232	7	7595	2	2405	41
20	9	9748	9921	9401	8	0347	1	9653	40
21	9740	1668		8570	8	3098	1	6902	39
22	0	3587		7738	8	5849	1	4151	38
23	0	5505		6906	8	8599	1	1401	37
24	0	7421		6073	9	1348	0	8652	36
25	0	9337		5240	9	4096	0	5904	35
26	1	1251		4406	9	6844	0	3156	34
27	1	3164		3572	9	9592	0	0408	33
28	1	5075		2737	9820	2338	10179	7662	32
29	1	6986		1902	0	5084	9	4916	31
30	1	8895		1066	0	7829	9	2171	30
			<i>Sin.</i> 56				<i>Tan.</i> 56		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 33				<i>Tan.</i> 33				
30	9741	8895	9921	1066	9820	7829	10179	2171	30
31	2	0803	9920	0229	1	0574	8	9426	29
32	2	2710		9393	1	3317	8	6683	28
33	2	4616		8555	1	6060	8	3940	27
34	2	6520		7717	1	8803	8	1197	26
35	2	8423		6878	2	1545	7	8455	25
36	3	0325		6039	2	4286	7	5714	24
37	3	2226		5200	2	7026	7	2974	23
38	3	4126		4360	2	9766	7	0234	22
39	3	6024		3519	3	2505	6	7495	21
40	3	7921		2678	3	5244	6	4756	20
41	3	9817	9919	1836	3	7981	6	2019	19
42	4	1712		0994	4	0719	5	9281	18
43	4	3606		0151	4	3455	5	6545	17
44	4	5498		9308	4	6191	5	3809	16
45	4	7390		8464	4	8926	5	1074	15
46	4	9280		7619	5	1660	4	8340	14
47	5	1169		6775	5	4394	4	5606	13
48	5	3056		5929	5	7127	4	2873	12
49	5	4943		5083	5	9860	4	0140	11
50	5	6828		4237	6	2592	3	7408	10
51	5	8712	9918	3390	6	5323	3	4677	9
52	6	0595		2542	6	8053	3	1947	8
53	6	2477		1694	7	0783	2	9217	7
54	6	4358		0845	7	3513	2	6487	6
55	6	6237		9996	7	6241	2	3759	5
56	6	8115		9146	7	8969	2	1031	4
57	6	9992		8296	8	1696	1	8304	3
58	7	1868		7445	8	4423	1	5577	2
59	7	3743		6594	8	7149	1	2851	1
60	7	5617		5742	8	9874	1	0126	0
			<i>Sin.</i> 56				<i>Tan.</i> 56		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 34				<i>Tan.</i> 34				
0	9747	5617	9918	5742	9828	9874	10171	0126	60
1	7	7489		4890	9	2599	0	7401	59
2	7	9360		4037	9	5323	0	4677	58
3	8	1230		3183	9	8047	0	1953	57
4	8	3099		2329	9830	0769	10169	9231	56
5	8	4967		1475	0	3492	9	6508	55
6	8	6833		0620	0	6213	9	3787	54
7	8	8698	9917	9764	0	8934	9	1066	53
8	9	0562		8908	1	1654	8	8346	52
9	9	2425		8051	1	4374	8	5626	51
10	9	4287		7194	1	7093	8	2907	50
11	9	6148		6336	1	9811	8	0189	49
12	9	8007		5478	2	2529	7	7471	48
13	9	9866		4619	2	5246	7	4754	47
14	9750	1723		3760	2	7963	7	2037	46
15	0	3579		2900	3	0679	6	9321	45
16	0	5434		2040	3	3394	6	6606	44
17	0	7287		1179	3	6109	6	3891	43
18	0	9140		0317	3	8823	6	1177	42
19	1	0991	9916	9455	4	1536	5	8464	41
20	1	2842		8593	4	4249	5	5751	40
21	1	4691		7730	4	6961	5	3039	39
22	1	6538		6866	4	9673	5	0327	38
23	1	8385		6002	5	2384	4	7616	37
24	2	0231		5137	5	5094	4	4906	36
25	2	2075		4272	5	7804	4	2196	35
26	2	3919		3406	6	0513	3	9487	34
27	2	5761		2539	6	3221	3	6779	33
28	2	7602		1673	6	5929	3	4071	32
29	2	9442		0805	6	8636	3	1364	31
30	3	1280	9915	9937	7	1343	2	8657	30
			<i>Sin.</i> 55				<i>Tan.</i> 55		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 34				<i>Tan.</i> 34				
30	9753	1280	9915	9937	9837	1343	10162	8657	30
31	3	3118		9069	7	4049	2	5951	29
32	3	4954		8200	7	6755	2	3245	28
33	3	6790		7330	7	9460	2	0540	27
34	3	8624		6460	8	2164	1	7836	26
35	4	0457		5589	8	4867	1	5133	25
36	4	2288		4718	8	7571	1	2429	24
37	4	4119		3846	9	0273	0	9727	23
38	4	5949		2974	9	2975	0	7025	22
39	4	7777		2101	9	5676	0	4324	21
40	4	9604		1228	9	8377	0	1623	20
41	5	1431	9914	0354	9840	1077	10159	8923	19
42	5	3256		9479	0	3776	9	6224	18
43	5	5080		8604	0	6475	9	3525	17
44	5	6902		7729	0	9174	9	0826	16
45	5	8724		6852	1	1871	8	8129	15
46	6	0544		5976	1	4569	8	5431	14
47	6	2364		5099	1	7265	8	2735	13
48	6	4182		4221	1	9961	8	0039	12
49	6	5999		3342	2	2657	7	7343	11
50	6	7815		2464	2	5351	7	4649	10
51	6	9630	9913	1584	2	8046	7	1954	9
52	7	1444		0704	3	0739	6	9261	8
53	7	3256		9824	3	3432	6	6568	7
54	7	5068		8943	3	6125	6	3875	6
55	7	6878		8061	3	8817	6	1183	5
56	7	8687		7179	4	1508	5	8492	4
57	8	0495		6296	4	4199	5	5801	3
58	8	2302		5413	4	6889	5	3111	2
59	8	4108		4530	4	9579	5	0421	1
60	8	5913		3645	5	2268	4	7732	0
			<i>Sin.</i> 55				<i>Tan.</i> 55		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 35				<i>Tan.</i> 35				
0	9758	5913	9913	3645	9845	2268	10154	7732	60
1	8	7717		2760	5	4956	4	5044	59
2	8	9519		1875	5	7644	4	2356	58
3	9	1321		0989	6	0332	3	9668	57
4	9	3121		0102	6	3018	3	6982	56
5	9	4920	9912	9215	6	5705	3	4295	55
6	9	6718		8328	6	8390	3	1610	54
7	9	8515		7440	7	1075	2	8925	53
8	9760	0311		6551	7	3760	2	6240	52
9	0	2106		5662	7	6444	2	3556	51
10	0	3899		4772	7	9127	2	0873	50
11	0	5692		3882	8	1810	1	8190	49
12	0	7483		2991	8	4492	1	5508	48
13	0	9274		2099	8	7174	1	2826	47
14	1	1063		1207	8	9855	1	0145	46
15	1	2851		0315	9	2536	0	7464	45
16	1	4638	9911	9422	9	5216	0	4784	44
17	1	6424		8528	9	7896	0	2104	43
18	1	8208		7634	9850	0575	10149	9425	42
19	1	9992		6739	0	3253	9	6747	41
20	2	1775		5844	0	5931	9	4069	40
21	2	3556		4948	0	8608	9	1392	39
22	2	5337		4051	1	1285	8	8715	38
23	2	7116		3155	1	3961	8	6039	37
24	2	8894		2257	1	6637	8	3363	36
25	3	0671		1359	1	9312	8	0688	35
26	3	2447		0460	2	1987	7	8013	34
27	3	4222	9910	9561	2	4661	7	5339	33
28	3	5996		8661	2	7335	7	2665	32
29	3	7769		7761	3	0008	6	9992	31
30	3	9540		6860	3	2680	6	7320	30
			<i>Sin.</i> 54				<i>Tan.</i> 54		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 35				<i>Tan.</i> 35				
30	9763	9540	9910	6860	9853	2680	10146	7320	30
31	4	1311		5959	3	5352	6	4648	29
32	4	3080		5057	3	8023	6	1977	28
33	4	4849		4155	4	0694	5	9306	27
34	4	6616		3251	4	3365	5	6635	26
35	4	8382		2348	4	6034	5	3966	25
36	5	0147		1444	4	8704	5	1296	24
37	5	1911		0539	5	1372	4	8628	23
38	5	3674	9909	9634	5	4041	4	5959	22
39	5	5436		8728	5	6708	4	3292	21
40	5	7197		7821	5	9376	4	0624	20
41	5	8957		6915	6	2042	3	7958	19
42	6	0715		6007	6	4708	3	5292	18
43	6	2473		5099	6	7374	3	2626	17
44	6	4229		4190	7	0039	2	9961	16
45	6	5985		3281	7	2704	2	7296	15
46	6	7739		2371	7	5368	2	4632	14
47	6	9492		1461	7	8031	2	1969	13
48	7	1244		0550	8	0694	1	9306	12
49	7	2996	9908	9639	8	3357	1	6643	11
50	7	4746		8727	8	6019	1	3981	10
51	7	6494		7814	8	8680	1	1320	9
52	7	8242		6901	9	1341	0	8659	8
53	7	9989		5988	9	4002	0	5998	7
54	8	1735		5073	9	6661	0	3339	6
55	8	3480		4159	9	9321	0	0679	5
56	8	5223		3243	9860	1980	10139	8020	4
57	8	6966		2327	0	4638	9	5362	3
58	8	8707		1411	0	7296	9	2704	2
59	9	0448		0494	0	9954	9	0046	1
60	9	2187	9907	9576	1	2610	8	7390	0
			<i>Sin.</i> 54				<i>Tan.</i> 54		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 36				<i>Tan.</i> 36				
0	9769	2187	9907	9576	9861	2610	10138	7390	60
1	9	3925		8658	1	5267	8	4733	59
2	9	5662		7740	1	7923	8	2077	58
3	9	7398		6820	2	0578	7	9422	57
4	9	9134		5901	2	3233	7	6767	56
5	9770	0868		4980	2	5887	7	4113	55
6	0	2601		4059	2	8541	7	1459	54
7	0	4332		3138	3	1195	6	8805	53
8	0	6063		2216	3	3848	6	6152	52
9	0	7793		1293	3	6500	6	3500	51
10	0	9522		0370	3	9152	6	0848	50
11	1	1249	9906	9446	4	1803	5	8197	49
12	1	2976		8522	4	4454	5	5546	48
13	1	4702		7597	4	7105	5	2895	47
14	1	6426		6671	4	9755	5	0245	46
15	1	8150		5745	5	2404	4	7596	45
16	1	9872		4819	5	5053	4	4947	44
17	2	1593		3892	5	7702	4	2298	43
18	2	3314		2964	6	0350	3	9650	42
19	2	5033		2036	6	2997	3	7003	41
20	2	6751		1107	6	5644	3	4356	40
21	2	8468		0177	6	8291	3	1709	39
22	3	0185	9905	9247	7	0937	2	9063	38
23	3	1900		8317	7	3583	2	6417	37
24	3	3614		7386	7	6228	2	3772	36
25	3	5327		6454	7	8873	2	1127	35
26	3	7039		5522	8	1517	1	8483	34
27	3	8749		4589	8	4160	1	5840	33
28	4	0459		3656	8	6804	1	3196	32
29	4	2168		2722	8	9446	1	0554	31
30	4	3876		1787	9	2089	0	7911	30
			<i>Sin.</i> 53				<i>Tan.</i> 53		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 36				<i>Tan.</i> 36				
30	9774	3876	9905	1787	9869	2089	10130	7911	30
31	4	5583	9904	0852	9	4731	0	5269	29
32	4	7288		9916	9	7372	0	2628	28
33	4	8993		8980	9870	0013	10129	9987	27
34	5	0697		8043	0	2653	9	7347	26
35	5	2399		7106	0	5293	9	4707	25
36	5	4101		6168	0	7933	9	2067	24
37	5	5801		5230	1	0572	8	9428	23
38	5	7501		4291	1	3210	8	6790	22
39	5	9199		3351	1	5848	8	4152	21
40	6	0897		2411	1	8486	8	1514	20
41	6	2593	9903	1470	2	1123	7	8877	19
42	6	4289		0529	2	3760	7	6240	18
43	6	5983		9587	2	6396	7	3604	17
44	6	7676		8644	2	9032	7	0968	16
45	6	9369		7701	3	1668	6	8332	15
46	7	1060		6757	3	4302	6	5698	14
47	7	2750		5813	3	6937	6	3063	13
48	7	4439		4868	3	9571	6	0429	12
49	7	6128		3923	4	2204	5	7796	11
50	7	7815		2977	4	4838	5	5162	10
51	7	9501	9902	2031	4	7470	5	2530	9
52	8	1186		1084	5	0102	4	9898	8
53	8	2870		0136	5	2734	4	7266	7
54	8	4553		9188	5	5365	4	4635	6
55	8	6235		8239	5	7996	4	2004	5
56	8	7916		7289	6	0627	3	9373	4
57	8	9596		6339	6	3257	3	6743	3
58	9	1275		5389	6	5886	3	4114	2
59	9	2953		4438	6	8515	3	1485	1
60	9	4630		3486	7	1144	2	8856	0
			<i>Sin.</i> 53				<i>Tan.</i> 53		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 37				<i>Tan.</i> 37				
0	9779	4630	9902	3486	9877	1144	10122	8856	60
1	9	6306		2534	7	3772	2	6228	59
2	9	7981		1581	7	6400	2	3600	58
3	9	9655		0628	7	9027	2	0973	57
4	9780	1328	9901	9674	8	1654	1	8346	56
5	0	3000		8719	8	4281	1	5719	55
6	0	4671		7764	8	6907	1	3093	54
7	0	6341		6808	8	9533	1	0467	53
8	0	8010		5852	9	2158	0	7842	52
9	0	9677		4895	9	4782	0	5218	51
10	1	1344		3938	9	7407	0	2593	50
11	1	3010		2980	9880	0031	10119	9969	49
12	1	4675		2021	0	2654	9	7346	48
13	1	6339		1062	0	5277	9	4723	47
14	1	8002		0102	0	7900	9	2100	46
15	1	9664	9900	9142	1	0522	8	9478	45
16	2	1324		8181	1	3144	8	6856	44
17	2	2984		7219	1	5765	8	4235	43
18	2	4643		6257	1	8386	8	1614	42
19	2	6301		5294	2	1007	7	8993	41
20	2	7958		4331	2	3627	7	6373	40
21	2	9614		3367	2	6246	7	3754	39
22	3	1268		2403	2	8866	7	1134	38
23	3	2922		1438	3	1484	6	8516	37
24	3	4575		0472	3	4103	6	5897	36
25	3	6227	9899	9506	3	6721	6	3279	35
26	3	7878		8539	3	9338	6	0662	34
27	3	9528		7572	4	1956	5	8044	33
28	4	1177		6604	4	4572	5	5428	32
29	4	2824		5636	4	7189	5	2811	31
30	4	4471		4667	4	9805	5	0195	30
			<i>Sin.</i> 52				<i>Tan.</i> 52		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 37				<i>Tan.</i> 37				
30	9784	4471	9899	4667	9884	9805	10115	0195	30
31	4	6117		3697	5	2420	4	7580	29
32	4	7762		2727	5	5035	4	4965	28
33	4	9406		1756	5	7650	4	2350	27
34	5	1049		0784	6	0264	3	9736	26
35	5	2691	9898	9812	6	2878	3	7122	25
36	5	4332		8840	6	5492	3	4508	24
37	5	5972		7867	6	8105	3	1895	23
38	5	7611		6893	7	0718	2	9282	22
39	5	9249		5919	7	3330	2	6670	21
40	6	0886		4944	7	5942	2	4058	20
41	6	2522		3968	7	8554	2	1446	19
42	6	4157		2992	8	1165	1	8835	18
43	6	5791		2015	8	3775	1	6225	17
44	6	7424		1038	8	6386	1	3614	16
45	6	9056		0060	8	8996	1	1004	15
46	7	0687	9897	9082	9	1605	0	8395	14
47	7	2317		8103	9	4214	0	5786	13
48	7	3946		7123	9	6823	0	3177	12
49	7	5574		6143	9	9432	0	0568	11
50	7	7202		5162	9890	2040	10109	7960	10
51	7	8828		4181	0	4647	9	5353	9
52	8	0453		3199	0	7254	9	2746	8
53	8	2077		2216	0	9861	9	0139	7
54	8	3701		1233	1	2468	8	7532	6
55	8	5323		0249	1	5074	8	4926	5
56	8	6944	9896	9265	1	7679	8	2321	4
57	8	8565		8280	2	0285	7	9715	3
58	9	0184		7294	2	2890	7	7110	2
59	9	1802		6308	2	5494	7	4506	1
60	9	3420		5321	2	8098	7	1902	0
			<i>Sin.</i> 52				<i>Tan.</i> 52		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 38				<i>Tan.</i> 38				
0	9789	3420	9896	5321	9892	8098	10107	1902	60
1	9	5036		4334	3	0702	6	9298	59
2	9	6652		3346	3	3306	6	6694	58
3	9	8266		2358	3	5909	6	4091	57
4	9	9880		1369	3	8511	6	1489	56
5	9790	1493		0379	4	1114	5	8886	55
6	0	3104	9895	9389	4	3715	5	6285	54
7	0	4715		8398	4	6317	5	3683	53
8	0	6325		7406	4	8918	5	1082	52
9	0	7933		6414	5	1519	4	8481	51
10	0	9541		5422	5	4119	4	5881	50
11	1	1148		4429	5	6719	4	3281	49
12	1	2754		3435	5	9319	4	0681	48
13	1	4359		2440	6	1918	3	8082	47
14	1	5963		1445	6	4517	3	5483	46
15	1	7566		0450	6	7116	3	2884	45
16	1	9168	9894	9453	6	9714	3	0286	44
17	2	0769		8457	7	2312	2	7688	43
18	2	2369		7459	7	4910	2	5090	42
19	2	3968		6461	7	7507	2	2493	41
20	2	5566		5463	8	0104	1	9896	40
21	2	7163		4463	8	2700	1	7300	39
22	2	8760		3464	8	5296	1	4704	38
23	3	0355		2463	8	7892	1	2108	37
24	3	1949		1462	9	0487	0	9513	36
25	3	3543		0461	9	3082	0	6918	35
26	3	5135	9893	9458	9	5677	0	4323	34
27	3	6727		8456	9	8271	0	1729	33
28	3	8317		7452	9900	0865	10099	9135	32
29	3	9907		6448	0	3459	9	6541	31
30	4	1496		5444	0	6052	9	3948	30
			<i>Sin.</i> 51				<i>Tan.</i> 51		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 38				<i>Tan.</i> 38				
30	9794	1496	9893	5444	9900	6052	10099	3948	30
31	4	3083		4439	0	8645	9	1355	29
32	4	4670		3433	1	1237	8	8763	28
33	4	6256		2426	1	3830	8	6170	27
34	4	7841		1419	1	6422	8	3578	26
35	4	9425		0412	1	9013	8	0987	25
36	5	1008	9892	9404	2	1604	7	8396	24
37	5	2590		8395	2	4195	7	5805	23
38	5	4171		7385	2	6786	7	3214	22
39	5	5751		6375	2	9376	7	0624	21
40	5	7330		5365	3	1966	6	8034	20
41	5	8909		4354	3	4555	6	5445	19
42	6	0486		3342	3	7144	6	2856	18
43	6	2062		2329	3	9733	6	0267	17
44	6	3638		1316	4	2321	5	7679	16
45	6	5212		0303	4	4910	5	5090	15
46	6	6786	9891	9289	4	7497	5	2503	14
47	6	8359		8274	5	0085	4	9915	13
48	6	9930		7258	5	2672	4	7328	12
49	7	1501		6242	5	5259	4	4741	11
50	7	3071		5226	5	7845	4	2155	10
51	7	4640		4208	6	0431	3	9569	9
52	7	6208		3191	6	3017	3	6983	8
53	7	7775		2172	6	5603	3	4397	7
54	7	9341		1153	6	8188	3	1812	6
55	8	0906		0133	7	0773	2	9227	5
56	8	2470	9890	9113	7	3357	2	6643	4
57	8	4034		8092	7	5941	2	4059	3
58	8	5596		7071	7	8525	2	1475	2
59	8	7158		6049	8	1109	1	8891	1
60	8	8718		5026	8	3692	1	6308	0
			<i>Sin.</i> 51				<i>Tan.</i> 51		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 39				<i>Tan.</i> 39				
0	9798	8718	9890	5026	9908	3692	10091	6308	60
1	9	0278		4003	8	6275	1	3725	59
2	9	1836		2979	8	8858	1	1142	58
3	9	3394		1954	9	1440	0	8560	57
4	9	4951		0929	9	4022	0	5978	56
5	9	6507	9889	9903	9	6603	0	3397	55
6	9	8062		8877	9	9185	0	0815	54
7	9	9616		7850	9910	1766	10089	8234	53
8	9800	1169		6822	0	4347	9	5653	52
9	0	2721		5794	0	6927	9	3073	51
10	0	4272		4765	0	9507	9	0493	50
11	0	5823		3736	1	2087	8	7913	49
12	0	7372		2706	1	4666	8	5334	48
13	0	8921		1675	1	7245	8	2755	47
14	1	0468		0644	1	9824	8	0176	46
15	1	2015	9888	9612	2	2403	7	7597	45
16	1	3561		8580	2	4981	7	5019	44
17	1	5106		7547	2	7559	7	2441	43
18	1	6649		6513	3	0137	6	9863	42
19	1	8192		5479	3	2714	6	7286	41
20	1	9735		4444	3	5291	6	4709	40
21	2	1276		3408	3	7868	6	2132	39
22	2	2816		2372	4	0444	5	9556	38
23	2	4355		1335	4	3020	5	6980	37
24	2	5894		0298	4	5596	5	4404	36
25	2	7431	9887	9260	4	8171	5	1829	35
26	2	8968		8221	5	0747	4	9253	34
27	3	0504		7182	5	3322	4	6678	33
28	3	2038		6142	5	5896	4	4104	32
29	3	3572		5102	5	8471	4	1529	31
30	3	5105		4061	6	1045	3	8955	30
			<i>Sin.</i> 50				<i>Tan.</i> 50		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 39				<i>Tan.</i> 39				
30	9803	5105	9887	4061	9916	1045	10083	8955	30
31	3	6637	9886	3019	6	3618	3	6382	29
32	3	8168		1977	6	6192	3	3808	28
33	3	9699		0934	6	8765	3	1235	27
34	4	1228		9890	7	1338	2	8662	26
35	4	2757		8846	7	3911	2	6089	25
36	4	4284		7801	7	6483	2	3517	24
37	4	5811		6756	7	9055	2	0945	23
38	4	7336		5710	8	1627	1	8373	22
39	4	8861		4663	8	4198	1	5802	21
40	5	0385		3616	8	6769	1	3231	20
41	5	1908	9885	2568	8	9340	1	0660	19
42	5	3430		1519	9	1911	0	8089	18
43	5	4951		0470	9	4481	0	5519	17
44	5	6472		9420	9	7051	0	2949	16
45	5	7991		8370	9	9621	0	0379	15
46	5	9510		7319	9920	2191	10079	7809	14
47	6	1027		6267	0	4760	9	5240	13
48	6	2544		5215	0	7329	9	2671	12
49	6	4060		4162	0	9898	9	0102	11
50	6	5575		3109	1	2466	8	7534	10
51	6	7089	9884	2055	1	5034	8	4966	9
52	6	8602		1000	1	7602	8	2398	8
53	7	0114		9945	2	0170	7	9830	7
54	7	1626		8889	2	2737	7	7263	6
55	7	3136		7832	2	5304	7	4696	5
56	7	4646		6775	2	7871	7	2129	4
57	7	6154		5717	3	0437	6	9563	3
58	7	7662		4659	3	3004	6	6996	2
59	7	9169		3599	3	5570	6	4430	1
60	8	0675		2540	3	8135	6	1865	0
			<i>Sin.</i> 50				<i>Tan.</i> 50		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 40				<i>Tan.</i> 40				
0	9808	0675	9884	2540	9923	8135	10076	1865	60
1	8	2180	9883	1479	4	0701	5	9299	59
2	8	3684		0418	4	3266	5	6734	58
3	8	5188		9357	4	5831	5	4169	57
4	8	6690		8294	4	8396	5	1604	56
5	8	8192		7232	5	0960	4	9040	55
6	8	9692		6168	5	3524	4	6476	54
7	9	1192		5104	5	6088	4	3912	53
8	9	2691		4039	5	8652	4	1348	52
9	9	4189		2974	6	1215	3	8785	51
10	9	5686		1908	6	3778	3	6222	50
11	9	7182	9882	0841	6	6341	3	3659	49
12	9	8678		9774	6	8904	3	1096	48
13	9810	0172		8706	7	1466	2	8534	47
14	0	1666		7638	7	4028	2	5972	46
15	0	3159		6568	7	6590	2	3410	45
16	0	4650		5499	7	9152	2	0848	44
17	0	6141		4428	8	1713	1	8287	43
18	0	7631		3357	8	4274	1	5726	42
19	0	9121		2285	8	6835	1	3165	41
20	1	0609		1213	8	9396	1	0604	40
21	1	2096	9881	0140	9	1956	0	8044	39
22	1	3583		9067	9	4516	0	5484	38
23	1	5069		7992	9	7076	0	2924	37
24	1	6554		6918	9	9636	0	0364	36
25	1	8038		5842	9930	2195	10069	7805	35
26	1	9521		4766	0	4755	9	5245	34
27	2	1003		3689	0	7314	9	2686	33
28	2	2484		2612	0	9872	9	0128	32
29	2	3965		1534	1	2431	8	7569	31
30	2	5444		0455	1	4989	8	5011	30
			<i>Sin.</i> 49				<i>Tan.</i> 49		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 40				<i>Tan.</i> 40				
30	9812	5444	9881	0455	9931	4989	10068	5011	30
31	2	6923	9880	9376	1	7547	8	2453	29
32	2	8401		8296	2	0105	7	9895	28
33	2	9878		7215	2	2662	7	7338	27
34	3	1354		6134	2	5220	7	4780	26
35	3	2829		5052	2	7777	7	2223	25
36	3	4303		3970	3	0334	6	9666	24
37	3	5777		2887	3	2890	6	7110	23
38	3	7250		1803	3	5446	6	4554	22
39	3	8721		0719	3	8003	6	1997	21
40	4	0192	9879	9634	4	0559	5	9441	20
41	4	1662		8548	4	3114	5	6886	19
42	4	3131		7462	4	5670	5	4330	18
43	4	4600		6375	4	8225	5	1775	17
44	4	6067		5287	5	0780	4	9220	16
45	4	7534		4199	5	3335	4	6665	15
46	4	8999	9878	3110	5	5889	4	4111	14
47	5	0464		2021	5	8444	4	1556	13
48	5	1928		0930	6	0998	3	9002	12
49	5	3391		9840	6	3552	3	6448	11
50	5	4854		8748	6	6105	3	3895	10
51	5	6315		7656	6	8659	3	1341	9
52	5	7776		6563	7	1212	2	8788	8
53	5	9235		5470	7	3765	2	6235	7
54	6	0694		4376	7	6318	2	3682	6
55	6	2152		3281	7	8871	2	1129	5
56	6	3609	9877	2186	8	1423	1	8577	4
57	6	5066		1090	8	3975	1	6025	3
58	6	6521		9994	8	6527	1	3473	2
59	6	7975		8896	8	9079	1	0921	1
60	6	9429		7799	9	1631	0	8369	0
			<i>Sin.</i> 49				<i>Tan.</i> 49		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 41				<i>Tan.</i> 41				
0	9816	9429	9877	7799	9939	1631	10060	8369	60
1	7	0882		6700	9	4182	0	5818	59
2	7	2334		5601	9	6733	0	3267	58
3	7	3785		4501	9	9284	0	0716	57
4	7	5235		3401	9940	1835	10059	8165	56
5	7	6685		2300	0	4385	9	5615	55
6	7	8133		1198	0	6936	9	3064	54
7	7	9581		0096	0	9486	9	0514	53
8	8	1028	9876	8993	1	2036	8	7964	52
9	8	2474		7889	1	4585	8	5415	51
10	8	3919		6785	1	7135	8	2865	50
11	8	5364		5680	1	9684	8	0316	49
12	8	6807		4574	2	2233	7	7767	48
13	8	8250		3468	2	4782	7	5218	47
14	8	9692		2361	2	7331	7	2669	46
15	9	1133		1253	2	9879	7	0121	45
16	9	2573		0145	3	2428	6	7572	44
17	9	4012	9875	9036	3	4976	6	5024	43
18	9	5450		7927	3	7524	6	2476	42
19	9	6888		6816	4	0072	5	9928	41
20	9	8325		5706	4	2619	5	7381	40
21	9	9761		4594	4	5166	5	4834	39
22	9820	1196		3482	4	7714	5	2286	38
23	0	2630		2369	5	0261	4	9739	37
24	0	4063		1256	5	2807	4	7193	36
25	0	5496		0142	5	5354	4	4646	35
26	0	6927	9874	9027	5	7900	4	2100	34
27	0	8358		7912	6	0447	3	9553	33
28	0	9788		6795	6	2993	3	7007	32
29	1	1217		5679	6	5539	3	4461	31
30	1	2646		4561	6	8084	3	1916	30
			<i>Sin.</i> 48				<i>Tan.</i> 48		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 41				<i>Tan.</i> 41				
30	9821	2646	9874	4561	9946	8084	10053	1916	30
31	1	4073		3443	7	0630	2	9370	29
32	1	5500		2325	7	3175	2	6825	28
33	1	6926		1205	7	5720	2	4280	27
34	1	8351		0085	7	8265	2	1735	26
35	1	9775	9873	8965	8	0810	1	9190	25
36	2	1198		7844	8	3355	1	6645	24
37	2	2621		6722	8	5899	1	4101	23
38	2	4042		5599	8	8443	1	1557	22
39	2	5463		4476	9	0987	0	9013	21
40	2	6883		3352	9	3531	0	6469	20
41	2	8302		2227	9	6075	0	3925	19
42	2	9721		1102	9	8619	0	1381	18
43	3	1138	9872	9976	9950	1162	10049	8838	17
44	3	2555		8849	0	3705	9	6295	16
45	3	3971		7722	0	6248	9	3752	15
46	3	5386		6594	0	8791	9	1209	14
47	3	6800		5466	1	1334	8	8666	13
48	3	8213		4337	1	3876	8	6124	12
49	3	9626		3207	1	6419	8	3581	11
50	4	1037		2076	1	8961	8	1039	10
51	4	2448		0945	2	1503	7	8497	9
52	4	3858	9871	9813	2	4045	7	5955	8
53	4	5267		8681	2	6587	7	3413	7
54	4	6676		7548	2	9128	7	0872	6
55	4	8083		6414	3	1670	6	8330	5
56	4	9490		5279	3	4211	6	5789	4
57	5	0896		4144	3	6752	6	3248	3
58	5	2301		3008	3	9293	6	0707	2
59	5	3705		1872	4	1834	5	8166	1
60	5	5109		0735	4	4374	5	5626	0
			<i>Sin.</i> 48				<i>Tan.</i> 48		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 42				<i>Tan.</i> 42				
0	9825	5109	9871	0735	9954	4374	10045	5626	60
1	5	6512	9870	9597	4	6915	5	3085	59
2	5	7913		8458	4	9455	5	0545	58
3	5	9314		7319	5	1995	4	8005	57
4	6	0715		6179	5	4535	4	5465	56
5	6	2114		5039	5	7075	4	2925	55
6	6	3512		3898	5	9615	4	0385	54
7	6	4910		2756	6	2154	3	7846	53
8	6	6307		1613	6	4694	3	5306	52
9	6	7703		0470	6	7233	3	2767	51
10	6	9098		9326	6	9772	3	0228	50
11	7	0493		8182	7	2311	2	7689	49
12	7	1887		7037	7	4850	2	5150	48
13	7	3279		5891	7	7389	2	2611	47
14	7	4671		4744	7	9927	2	0073	46
15	7	6063		3597	8	2465	1	7535	45
16	7	7453		2449	8	5004	1	4996	44
17	7	8843		1301	8	7542	1	2458	43
18	8	0231		0152	9	0080	0	9920	42
19	8	1619		9002	9	2618	0	7382	41
20	8	3006		7851	9	5155	0	4845	40
21	8	4393		6700	9	7693	0	2307	39
22	8	5778		5548	9960	0230	10039	9770	38
23	8	7163		4396	0	2767	9	7233	37
24	8	8547		3242	0	5305	9	4695	36
25	8	9930		2088	0	7842	9	2158	35
26	9	1312	9867	0934	1	0378	8	9622	34
27	9	2694		9779	1	2915	8	7085	33
28	9	4075		8623	1	5452	8	4548	32
29	9	5454		7466	1	7988	8	2012	31
30	9	6833		6309	2	0525	7	9475	30
			<i>Sin.</i> 47				<i>Tan.</i> 47		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 42				<i>Tan.</i> 42				
30	9829	6833	9867	6309	9962	0525	10037	9475	30
31	9	8212		5151	2	3061	7	6939	29
32	9	9589		3992	2	5597	7	4403	28
33	9830	0966		2833	2	8133	7	1867	27
34	0	2342		1673	3	0669	6	9331	26
35	0	3717		0512	3	3204	6	6796	25
36	0	5091	9866	9351	3	5740	6	4260	24
37	0	6464		8189	3	8275	6	1725	23
38	0	7837		7026	4	0811	5	9189	22
39	0	9209		5863	4	3346	5	6654	21
40	1	0580		4699	4	5881	5	4119	20
41	1	1950		3534	4	8416	5	1584	19
42	1	3320		2369	5	0951	4	9049	18
43	1	4688		1203	5	3486	4	6514	17
44	1	6056		0036	5	6020	4	3980	16
45	1	7423	9865	8868	5	8555	4	1445	15
46	1	8789		7700	6	1089	3	8911	14
47	2	0155		6531	6	3623	3	6377	13
48	2	1519		5362	6	6157	3	3843	12
49	2	2883		4192	6	8692	3	1308	11
50	2	4246		3021	7	1225	2	8775	10
51	2	5609		1849	7	3759	2	6241	9
52	2	6970		0677	7	6293	2	3707	8
53	2	8331	9864	9504	7	8827	2	1173	7
54	2	9691		8331	8	1360	1	8640	6
55	3	1050		7156	8	3893	1	6107	5
56	3	2408		5981	8	6427	1	3573	4
57	3	3766		4806	8	8960	1	1040	3
58	3	5122		3629	9	1493	0	8507	2
59	3	6478		2452	9	4026	0	5974	1
60	3	7833		1275	9	6559	0	3441	0
			<i>Sin.</i> 47				<i>Tan.</i> 47		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 43				<i>Tan.</i> 43				
0	9833	7833	9864	1275	9969	6559	10030	3441	60
1	3	9188	9863	0096	9	9091	0	0909	59
2	4	0541		8917	9970	1624	10029	8376	58
3	4	1894		7737	0	4157	9	5843	57
4	4	3246		6557	0	6689	9	3311	56
5	4	4597		5376	0	9221	9	0779	55
6	4	5948	9862	4194	1	1754	8	8246	54
7	4	7297		3011	1	4286	8	5714	53
8	4	8646		1828	1	6818	8	3182	52
9	4	9994		0644	1	9350	8	0650	51
10	5	1341		9460	2	1882	7	8118	50
11	5	2688		8274	2	4413	7	5587	49
12	5	4033		7088	2	6945	7	3055	48
13	5	5378		5902	2	9477	7	0523	47
14	5	6722		4714	3	2008	6	7992	46
15	5	8066		3526	3	4539	6	5461	45
16	5	9408	9861	2338	3	7071	6	2929	44
17	6	0750		1148	3	9602	6	0398	43
18	6	2091		9958	4	2133	5	7867	42
19	6	3431		8767	4	4664	5	5336	41
20	6	4771		7576	4	7195	5	2805	40
21	6	6109		6383	4	9726	5	0274	39
22	6	7447		5190	5	2257	4	7743	38
23	6	8784		3997	5	4787	4	5213	37
24	7	0121		2803	5	7318	4	2682	36
25	7	1456		1608	5	9849	4	0151	35
26	7	2791	9860	0412	6	2379	3	7621	34
27	7	4125		9215	6	4909	3	5091	33
28	7	5458		8018	6	7440	3	2560	32
29	7	6790		6821	6	9970	3	0030	31
30	7	8122		5622	7	2500	2	7500	30
			<i>Sin.</i> 46				<i>Tan.</i> 46		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 43				<i>Tan.</i> 43				
30	9837	8122	9860	5622	9977	2500	10022	7500	30
31		7 9453		4423		7 5030		2 4970	29
32		8 0783		3223		7 7560		2 2440	28
33		8 2112		2022		8 0090		1 9910	27
34		8 3441		0821		8 2620		1 7380	26
35		8 4769	9859	9619		8 5149		1 4851	25
36		8 6096		8416		8 7679		1 2321	24
37		8 7422		7213		9 0209		0 9791	23
38		8 8747		6009		9 2738		0 7262	22
39		9 0072		4804		9 5268		0 4732	21
40		9 1396		3599		9 7797		0 2203	20
41		9 2719		2393	9980	0326	10019	9674	19
42		9 4041		1186		0 2856		9 7144	18
43		9 5363	9858	9978		0 5385		9 4615	17
44		9 6684		8770		0 7914		9 2086	16
45		9 8004		7561		1 0443		8 9557	15
46		9 9323		6351		1 2972		8 7028	14
47	9840	0642		5141		1 5501		8 4499	13
48		0 1959		3929		1 8030		8 1970	12
49		0 3276		2718		2 0559		7 9441	11
50		0 4593		1505		2 3087		7 6913	10
51		0 5908		0292		2 5616		7 4384	9
52		0 7223	9857	9078		2 8145		7 1855	8
53		0 8537		7863		3 0673		6 9327	7
54		0 9850		6648		3 3202		6 6798	6
55		1 1162		5432		3 5730		6 4270	5
56		1 2474		4215		3 8259		6 1741	4
57		1 3785		2998		4 0787		5 9213	3
58		1 5095		1779		4 3315		5 6685	2
59		1 6404		0561		4 5844		5 4156	1
60		1 7713	9856	9341		4 8372		5 1628	0
			<i>Sin.</i> 46				<i>Tan.</i> 46		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 44				<i>Tan.</i> 44				
0	9841	7713	9856	9341	9984	8372	10015	1628	60
1	1	9021		8121	5	0900	4	9100	59
2	2	0328		6900	5	3428	4	6572	58
3	2	1634		5678	5	5956	4	4044	57
4	2	2939		4455	5	8484	4	1516	56
5	2	4244		3232	6	1012	3	8988	55
6	2	5548		2008	6	3540	3	6460	54
7	2	6851		0784	6	6068	3	3932	53
8	2	8154	9855	9558	6	8596	3	1404	52
9	2	9456		8332	7	1123	2	8877	51
10	3	0757		7106	7	3651	2	6349	50
11	3	2057		5878	7	6179	2	3821	49
12	3	3356		4650	7	8706	2	1294	48
13	3	4655		3421	8	1234	1	8766	47
14	3	5953		2192	8	3761	1	6239	46
15	3	7250		0961	8	6289	1	3711	45
16	3	8547	9854	9730	8	8816	1	1184	44
17	3	9842		8499	9	1344	0	8656	43
18	4	1137		7266	9	3871	0	6129	42
19	4	2432		6033	9	6399	0	3601	41
20	4	3725		4799	9	8926	0	1074	40
21	4	5018		3564	9990	1453	10009	8547	39
22	4	6310		2329	0	3981	9	6019	38
23	4	7601		1093	0	6508	9	3492	37
24	4	8891	9853	9856	0	9035	9	0965	36
25	5	0181		8619	1	1562	8	8438	35
26	5	1470		7381	1	4089	8	5911	34
27	5	2758		6142	1	6616	8	3384	33
28	5	4045		4902	1	9143	8	0857	32
29	5	5332		3662	2	1670	7	8330	31
30	5	6618		2421	2	4197	7	5803	30
			<i>Sin.</i> 45				<i>Tan.</i> 45		M

Gunter's table (reconstruction, D. Roegel, 2010)

M	<i>Sin.</i> 44				<i>Tan.</i> 44				
30	9845	6618	9853	2421	9992	4197	10007	5803	30
31	5	7903	9852	1179	2	6724	7	3276	29
32	5	9188		9936	2	9251	7	0749	28
33	6	0471		8693	3	1778	6	8222	27
34	6	1754		7449	3	4305	6	5695	26
35	6	3036		6204	3	6832	6	3168	25
36	6	4318	9851	4959	3	9359	6	0641	24
37	6	5599		3713	4	1886	5	8114	23
38	6	6879		2466	4	4413	5	5587	22
39	6	8158		1218	4	6940	5	3060	21
40	6	9436		9970	4	9466	5	0534	20
41	7	0714		8721	5	1993	4	8007	19
42	7	1991		7471	5	4520	4	5480	18
43	7	3267		6220	5	7047	4	2953	17
44	7	4543		4969	5	9573	4	0427	16
45	7	5817		3717	6	2100	3	7900	15
46	7	7091	9850	2465	6	4627	3	5373	14
47	7	8365		1211	6	7154	3	2846	13
48	7	9637		9957	6	9680	3	0320	12
49	8	0909		8702	7	2207	2	7793	11
50	8	2180		7446	7	4734	2	5266	10
51	8	3450		6190	7	7260	2	2740	9
52	8	4720		4933	7	9787	2	0213	8
53	8	5989		3675	8	2314	1	7686	7
54	8	7257		2417	8	4840	1	5160	6
55	8	8524		1157	8	7367	1	2633	5
56	8	9791	9849	9897	8	9893	1	0107	4
57	9	1057		8637	9	2420	0	7580	3
58	9	2322		7375	9	4947	0	5053	2
59	9	3586		6113	9	7473	0	2527	1
60	9	4850		4850	10000	0000	10000	0000	0
			<i>Sin.</i> 45				<i>Tan.</i> 45		M

Lectori practicæ Mathe- *seos studioso S. P.*

CAnon noster vsum habet, in triangulorũ sphæricorum solutione eundem quem tabulæ sinuum rectorum & tangentium ab alijs editæ, sed praxin paulò faciliorem. Nam eorum multiplicationem per additionem, eorum diuisionem per subtractionem euitamus. Nex pluribus opus est aut præceptis aut exemplis. Idem si desideres in triangulis rectilinejs, adiunge nostris, Amici & Collegæ *Henrici Briggs* Logarithmos. Nam eo nitimur fundamento, eodem vtimur operandi modo.

Vale & si hæc tibi grata fuerint, plura a nobis in hoc genere expecta.

FINIS.