NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

0 →					← 179
↓	N sin	L csc	L sec	N cos	↓
0	.0000	∞	.00000	1.000	60
1	.0003	3.53627	.00000	1.000	59
2	.0006	3.23524	.00000	1.000	58
3	.0009	3.05915	.00000	1.000	57
4	.0012	2.93421	.00000	1.000	56
5	.0015	2.83730	.00000	1.000	55
6	.0017	2.75812	.00000	1.000	54
7	.0020	2.69118	.00000	1.000	53
8	.0023	2.63318	.00000	1.000	52
9	.0026	2.58203	.00000	1.000	51
10	.0029	2.53627	.00000	1.000	50
11	.0032	2.49488	.00000	1.000	49
12	.0035	2.45709	.00000	1.000	48
13	.0038	2.42233	.00000	1.000	47
14	.0041	2.39015	.00000	1.000	46
15	.0044	2.36018	.00000	1.000	45
16	.0047	2.33216	.00000	1.000	44
17	.0049	2.30583	.00001	1.000	43
18	.0052	2.28100	.00001	1.000	42
19	.0055	2.25752	.00001	1.000	41
20	.0058	2.23525	.00001	1.000	40
21	.0061	2.21406	.00001	1.000	39
22	.0064	2.19385	.00001	1.000	38
23	.0067	2.17455	.00001	1.000	37
24	.0070	2.15607	.00001	1.000	36
25	.0073	2.13834	.00001	1.000	35
26	.0076	2.12130	.00001	1.000	34
27	.0079	2.10491	.00001	1.000	33
28	.0081	2.08912	.00001	1.000	32
29	.0084	2.07388	.00002	1.000	31
30	.0087	2.05916	.00002	1.000	30
31	.0090	2.04492	.00002	1.000	29
32	.0093	2.03113	.00002	1.000	28
33	.0096	2.01777	.00002	1.000	27
34	.0099	2.00480	.00002	1.000	26
35	.0102	1.99221	.00002	.9999	25
36	.0105	1.97998	.00002	.9999	24
37	.0108	1.96808	.00003	.9999	23
38	.0111	1.95650	.00003	.9999	22
39	.0113	1.94522	.00003	.9999	21
40	.0116	1.93422	.00003	.9999	20
41	.0119	1.92350	.00003	.9999	19
42	.0122	1.91304	.00003	.9999	18
43	.0125	1.90282	.00003	.9999	17
44	.0128	1.89283	.00004	.9999	16
45	.0131	1.88307	.00004	.9999	15
46	.0134	1.87353	.00004	.9999	14
47	.0137	1.86419	.00004	.9999	13
48	.0140	1.85505	.00004	.9999	12
49	.0143	1.84609	.00004	.9999	11
50	.0145	1.83732	.00005	.9999	10
51	.0148	1.82872	.00005	.9999	9
52	.0151	1.82029	.00005	.9999	8
53	.0154	1.81202	.00005	.9999	7
54	.0157	1.80390	.00005	.9999	6
55	.0160	1.79593	.00006	.9999	5
56	.0163	1.78811	.00006	.9999	4
57	.0166	1.78042	.00006	.9999	3
58	.0169	1.77287	.00006	.9999	2
59	.0172	1.76544	.00006	.9999	1
60	.0175	1.75814	.00007	.9998	0
↑	N cos	L sec	L csc	N sin	↑
90 →					← 89

1 →					← 178
↓	N sin	L csc	L sec	N cos	↓
0	.0175	1.75814	.00007	.9998	60
1	.0177	1.75097	.00007	.9998	59
2	.0180	1.74391	.00007	.9998	58
3	.0183	1.73696	.00007	.9998	57
4	.0186	1.73012	.00008	.9998	56
5	.0189	1.72339	.00008	.9998	55
6	.0192	1.71676	.00008	.9998	54
7	.0195	1.71023	.00008	.9998	53
8	.0198	1.70379	.00008	.9998	52
9	.0201	1.69745	.00009	.9998	51
10	.0204	1.69121	.00009	.9998	50
11	.0207	1.68505	.00009	.9998	49
12	.0209	1.67897	.00010	.9998	48
13	.0212	1.67298	.00010	.9998	47
14	.0215	1.66708	.00010	.9998	46
15	.0218	1.66125	.00010	.9998	45
16	.0221	1.65550	.00011	.9998	44
17	.0224	1.64982	.00011	.9997	43
18	.0227	1.64422	.00011	.9997	42
19	.0230	1.63869	.00011	.9997	41
20	.0233	1.63322	.00012	.9997	40
21	.0236	1.62783	.00012	.9997	39
22	.0239	1.62250	.00012	.9997	38
23	.0241	1.61724	.00013	.9997	37
24	.0244	1.61204	.00013	.9997	36
25	.0247	1.60690	.00013	.9997	35
26	.0250	1.60182	.00014	.9997	34
27	.0253	1.59680	.00014	.9997	33
28	.0256	1.59184	.00014	.9997	32
29	.0259	1.58693	.00015	.9997	31
30	.0262	1.58208	.00015	.9997	30
31	.0265	1.57728	.00015	.9996	29
32	.0268	1.57254	.00016	.9996	28
33	.0270	1.56784	.00016	.9996	27
34	.0273	1.56320	.00016	.9996	26
35	.0276	1.55861	.00017	.9996	25
36	.0279	1.55406	.00017	.9996	24
37	.0282	1.54956	.00017	.9996	23
38	.0285	1.54511	.00018	.9996	22
39	.0288	1.54070	.00018	.9996	21
40	.0291	1.53634	.00018	.9996	20
41	.0294	1.53201	.00019	.9996	19
42	.0297	1.52774	.00019	.9996	18
43	.0300	1.52350	.00019	.9996	17
44	.0302	1.51931	.00020	.9995	16
45	.0305	1.51515	.00020	.9995	15
46	.0308	1.51104	.00021	.9995	14
47	.0311	1.50696	.00021	.9995	13
48	.0314	1.50292	.00021	.9995	12
49	.0317	1.49892	.00022	.9995	11
50	.0320	1.49496	.00022	.9995	10
51	.0323	1.49103	.00023	.9995	9
52	.0326	1.48713	.00023	.9995	8
53	.0329	1.48327	.00023	.9995	7
54	.0332	1.47945	.00024	.9995	6
55	.0334	1.47566	.00024	.9994	5
56	.0337	1.47190	.00025	.9994	4
57	.0340	1.46817	.00025	.9994	3
58	.0343	1.46448	.00026	.9994	2
59	.0346	1.46081	.00026	.9994	1
60	.0349	1.45718	.00026	.9994	0
↑	N cos	L sec	L csc	N sin	↑
91 →					← 88

2 →					← 177
↓	N sin	L csc	L sec	N cos	↓
0	.0349	1.45718	.00026	.9994	60
1	.0352	1.45358	.00027	.9994	59
2	.0355	1.45001	.00027	.9994	58
3	.0358	1.44646	.00028	.9994	57
4	.0361	1.44295	.00028	.9993	56
5	.0364	1.43946	.00029	.9993	55
6	.0366	1.43600	.00029	.9993	54
7	.0369	1.43257	.00030	.9993	53
8	.0372	1.42916	.00030	.9993	52
9	.0375	1.42579	.00031	.9993	51
10	.0378	1.42243	.00031	.9993	50
11	.0381	1.41911	.00032	.9993	49
12	.0384	1.41581	.00032	.9993	48
13	.0387	1.41253	.00033	.9993	47
14	.0390	1.40928	.00033	.9992	46
15	.0393	1.40605	.00033	.9992	45
16	.0396	1.40285	.00034	.9992	44
17	.0398	1.39967	.00034	.9992	43
18	.0401	1.39651	.00035	.9992	42
19	.0404	1.39338	.00036	.9992	41
20	.0407	1.39027	.00036	.9992	40
21	.0410	1.38718	.00037	.9992	39
22	.0413	1.38411	.00037	.9991	38
23	.0416	1.38106	.00038	.9991	37
24	.0419	1.37804	.00038	.9991	36
25	.0422	1.37503	.00039	.9991	35
26	.0425	1.37205	.00039	.9991	34
27	.0427	1.36909	.00040	.9991	33
28	.0430	1.36615	.00040	.9991	32
29	.0433	1.36322	.00041	.9991	31
30	.0436	1.36032	.00041	.9990	30
31	.0439	1.35744	.00042	.9990	29
32	.0442	1.35457	.00042	.9990	28
33	.0445	1.35173	.00043	.9990	27
34	.0448	1.34890	.00044	.9990	26
35	.0451	1.34609	.00044	.9990	25
36	.0454	1.34330	.00045	.9990	24
37	.0457	1.34053	.00045	.9990	23
38	.0459	1.33777	.00046	.9989	22
39	.0462	1.33503	.00046	.9989	21
40	.0465	1.33231	.00047	.9989	20
41	.0468	1.32961	.00048	.9989	19
42	.0471	1.32692	.00048	.9989	18
43	.0474	1.32425	.00049	.9989	17
44	.0477	1.32159	.00049	.9989	16
45	.0480	1.31896	.00050	.9988	15
46	.0483	1.31633	.00051	.9988	14
47	.0486	1.31373	.00051	.9988	13
48	.0488	1.31114	.00052	.9988	12
49	.0491	1.30856	.00052	.9988	11
50	.0494	1.30600	.00053	.9988	10
51	.0497	1.30346	.00054	.9988	9
52	.0500	1.30093	.00054	.9987	8
53	.0503	1.29841	.00055	.9987	7
54	.0506	1.29591	.00056	.9987	6
55	.0509	1.29342	.00056	.9987	5
56	.0512	1.29095	.00057	.9987	4
57	.0515	1.28849	.00058	.9987	3
58	.0518	1.28605	.00058	.9987	2
59	.0520	1.28362	.00059	.9986	1
60	.0523	1.28120	.00060	.9986	0
↑	N cos	L sec	L csc	N sin	↑
92 →					← 87

3 →					← 176
↓	N sin	L csc	L sec	N cos	↓
0	.0523	1.28120	.00060	.9986	60
1	.0526	1.27880	.00060	.9986	59
2	.0529	1.27641	.00061	.9986	58
3	.0532	1.27403	.00062	.9986	57
4	.0535	1.27166	.00062	.9986	56
5	.0538	1.26931	.00063	.9986	55
6	.0541	1.26697	.00064	.9985	54
7	.0544	1.26465	.00064	.9985	53
8	.0547	1.26233	.00065	.9985	52
9	.0550	1.26003	.00066	.9985	51
10	.0552	1.25774	.00066	.9985	50
11	.0555	1.25546	.00067	.9985	49
12	.0558	1.25320	.00068	.9984	48
13	.0561	1.25094	.00068	.9984	47
14	.0564	1.24870	.00069	.9984	46
15	.0567	1.24647	.00070	.9984	45
16	.0570	1.24425	.00071	.9984	44
17	.0573	1.24205	.00071	.9984	43
18	.0576	1.23985	.00072	.9983	42
19	.0579	1.23766	.00073	.9983	41
20	.0581	1.23549	.00074	.9983	40
21	.0584	1.23333	.00074	.9983	39
22	.0587	1.23117	.00075	.9983	38
23	.0590	1.22903	.00076	.9983	37
24	.0593	1.22690	.00077	.9982	36
25	.0596	1.22478	.00077	.9982	35
26	.0599	1.22267	.00078	.9982	34
27	.0602	1.22057	.00079	.9982	33
28	.0605	1.21848	.00080	.9982	32
29	.0608	1.21640	.00080	.9982	31
30	.0610	1.21432	.00081	.9981	30
31	.0613	1.21226	.00082	.9981	29
32	.0616	1.21021	.00083	.9981	28
33	.0619	1.20817	.00083	.9981	27
34	.0622	1.20614	.00084	.9981	26
35	.0625	1.20412	.00085	.9980	25
36	.0628	1.20211	.00086	.9980	24
37	.0631	1.20010	.00087	.9980	23
38	.0634	1.19811	.00087	.9980	22
39	.0637	1.19612	.00088	.9980	21
40	.0640	1.19415	.00089	.9980	20
41	.0642	1.19218	.00090	.9979	19
42	.0645	1.19022	.00091	.9979	18
43	.0648	1.18827	.00091	.9979	17
44	.0651	1.18633	.00092	.9979	16
45	.0654	1.18440	.00093	.9979	15
46	.0657	1.18248	.00094	.9978	14
47	.0660	1.18056	.00095	.9978	13
48	.0663	1.17866	.00096	.9978	12
49	.0666	1.17676	.00096	.9978	11
50	.0669	1.17487	.00097	.9978	10
51	.0671	1.17299	.00098	.9977	9
52	.0674	1.17112	.00099	.9977	8
53	.0677	1.16925	.00100	.9977	7
54	.0680	1.16739	.00101	.9977	6
55	.0683	1.16554	.00102	.9977	5
56	.0686	1.16370	.00102	.9976	4
57	.0689	1.16187	.00103	.9976	3
58	.0692	1.16004	.00104	.9976	2
59	.0695	1.15823	.00105	.9976	1
60	.0698	1.15642	.00106	.9976	0
↑	N cos	L sec	L csc	N sin	↑
93 →					← 86

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

4 →					← 175
↓	N sin	L csc	L sec	N cos	↓
0	.0698	1.15642	.00106	.9976	60
1	.0700	1.15461	.00107	.9975	59
2	.0703	1.15282	.00108	.9975	58
3	.0706	1.15103	.00109	.9975	57
4	.0709	1.14925	.00109	.9975	56
5	.0712	1.14748	.00110	.9975	55
6	.0715	1.14571	.00111	.9974	54
7	.0718	1.14395	.00112	.9974	53
8	.0721	1.14220	.00113	.9974	52
9	.0724	1.14045	.00114	.9974	51
10	.0727	1.13872	.00115	.9974	50
11	.0729	1.13699	.00116	.9973	49
12	.0732	1.13526	.00117	.9973	48
13	.0735	1.13355	.00118	.9973	47
14	.0738	1.13184	.00119	.9973	46
15	.0741	1.13013	.00120	.9973	45
16	.0744	1.12844	.00121	.9972	44
17	.0747	1.12675	.00121	.9972	43
18	.0750	1.12506	.00122	.9972	42
19	.0753	1.12339	.00123	.9972	41
20	.0756	1.12171	.00124	.9971	40
21	.0758	1.12005	.00125	.9971	39
22	.0761	1.11839	.00126	.9971	38
23	.0764	1.11674	.00127	.9971	37
24	.0767	1.11510	.00128	.9971	36
25	.0770	1.11346	.00129	.9970	35
26	.0773	1.11183	.00130	.9970	34
27	.0776	1.11020	.00131	.9970	33
28	.0779	1.10858	.00132	.9970	32
29	.0782	1.10696	.00133	.9969	31
30	.0785	1.10536	.00134	.9969	30
31	.0787	1.10375	.00135	.9969	29
32	.0790	1.10216	.00136	.9969	28
33	.0793	1.10057	.00137	.9968	27
34	.0796	1.09898	.00138	.9968	26
35	.0799	1.09740	.00139	.9968	25
36	.0802	1.09583	.00140	.9968	24
37	.0805	1.09426	.00141	.9968	23
38	.0808	1.09270	.00142	.9967	22
39	.0811	1.09115	.00143	.9967	21
40	.0814	1.08960	.00144	.9967	20
41	.0816	1.08805	.00145	.9967	19
42	.0819	1.08651	.00146	.9966	18
43	.0822	1.08498	.00147	.9966	17
44	.0825	1.08345	.00148	.9966	16
45	.0828	1.08193	.00149	.9966	15
46	.0831	1.08041	.00150	.9965	14
47	.0834	1.07890	.00152	.9965	13
48	.0837	1.07739	.00153	.9965	12
49	.0840	1.07589	.00154	.9965	11
50	.0843	1.07439	.00155	.9964	10
51	.0845	1.07290	.00156	.9964	9
52	.0848	1.07141	.00157	.9964	8
53	.0851	1.06993	.00158	.9964	7
54	.0854	1.06846	.00159	.9963	6
55	.0857	1.06699	.00160	.9963	5
56	.0860	1.06552	.00161	.9963	4
57	.0863	1.06406	.00162	.9963	3
58	.0866	1.06260	.00163	.9962	2
59	.0869	1.06115	.00164	.9962	1
60	.0872	1.05970	.00166	.9962	0
↑	N cos	L sec	L csc	N sin	↑
94 →					← 85

5 →					← 174
↓	N sin	L csc	L sec	N cos	↓
0	.0872	1.05970	.00166	.9962	60
1	.0874	1.05826	.00167	.9962	59
2	.0877	1.05683	.00168	.9961	58
3	.0880	1.05539	.00169	.9961	57
4	.0883	1.05397	.00170	.9961	56
5	.0886	1.05254	.00171	.9961	55
6	.0889	1.05113	.00172	.9960	54
7	.0892	1.04971	.00173	.9960	53
8	.0895	1.04830	.00175	.9960	52
9	.0898	1.04690	.00176	.9960	51
10	.0901	1.04550	.00177	.9959	50
11	.0903	1.04411	.00178	.9959	49
12	.0906	1.04272	.00179	.9959	48
13	.0909	1.04133	.00180	.9959	47
14	.0912	1.03995	.00181	.9958	46
15	.0915	1.03857	.00183	.9958	45
16	.0918	1.03720	.00184	.9958	44
17	.0921	1.03583	.00185	.9958	43
18	.0924	1.03447	.00186	.9957	42
19	.0927	1.03311	.00187	.9957	41
20	.0929	1.03175	.00188	.9957	40
21	.0932	1.03040	.00190	.9956	39
22	.0935	1.02905	.00191	.9956	38
23	.0938	1.02771	.00192	.9956	37
24	.0941	1.02637	.00193	.9956	36
25	.0944	1.02504	.00194	.9955	35
26	.0947	1.02371	.00196	.9955	34
27	.0950	1.02238	.00197	.9955	33
28	.0953	1.02106	.00198	.9955	32
29	.0956	1.01974	.00199	.9954	31
30	.0958	1.01843	.00200	.9954	30
31	.0961	1.01712	.00202	.9954	29
32	.0964	1.01581	.00203	.9953	28
33	.0967	1.01451	.00204	.9953	27
34	.0970	1.01321	.00205	.9953	26
35	.0973	1.01192	.00207	.9953	25
36	.0976	1.01063	.00208	.9952	24
37	.0979	1.00934	.00209	.9952	23
38	.0982	1.00806	.00210	.9952	22
39	.0985	1.00678	.00212	.9951	21
40	.0987	1.00550	.00213	.9951	20
41	.0990	1.00423	.00214	.9951	19
42	.0993	1.00296	.00215	.9951	18
43	.0996	1.00170	.00217	.9950	17
44	.0999	1.00044	.00218	.9950	16
45	.1002	.99918	.00219	.9950	15
46	.1005	.99793	.00220	.9949	14
47	.1008	.99668	.00222	.9949	13
48	.1011	.99544	.00223	.9949	12
49	.1013	.99419	.00224	.9949	11
50	.1016	.99296	.00225	.9948	10
51	.1019	.99172	.00227	.9948	9
52	.1022	.99049	.00228	.9948	8
53	.1025	.98926	.00229	.9947	7
54	.1028	.98804	.00231	.9947	6
55	.1031	.98682	.00232	.9947	5
56	.1034	.98560	.00233	.9946	4
57	.1037	.98439	.00235	.9946	3
58	.1039	.98318	.00236	.9946	2
59	.1042	.98197	.00237	.9946	1
60	.1045	.98077	.00239	.9945	0
↑	N cos	L sec	L csc	N sin	↑
95 →					← 84

6 →					← 173
↓	N sin	L csc	L sec	N cos	↓
0	.1045	.98077	.00239	.9945	60
1	.1048	.97957	.00240	.9945	59
2	.1051	.97837	.00241	.9945	58
3	.1054	.97717	.00243	.9944	57
4	.1057	.97598	.00244	.9944	56
5	.1060	.97480	.00245	.9944	55
6	.1063	.97361	.00247	.9943	54
7	.1066	.97243	.00248	.9943	53
8	.1068	.97126	.00249	.9943	52
9	.1071	.97008	.00251	.9942	51
10	.1074	.96891	.00252	.9942	50
11	.1077	.96774	.00253	.9942	49
12	.1080	.96658	.00255	.9942	48
13	.1083	.96542	.00256	.9941	47
14	.1086	.96426	.00258	.9941	46
15	.1089	.96310	.00259	.9941	45
16	.1092	.96195	.00260	.9940	44
17	.1094	.96080	.00262	.9940	43
18	.1097	.95966	.00263	.9940	42
19	.1100	.95851	.00264	.9939	41
20	.1103	.95738	.00266	.9939	40
21	.1106	.95624	.00267	.9939	39
22	.1109	.95510	.00269	.9938	38
23	.1112	.95397	.00270	.9938	37
24	.1115	.95285	.00272	.9938	36
25	.1118	.95172	.00273	.9937	35
26	.1120	.95060	.00274	.9937	34
27	.1123	.94948	.00276	.9937	33
28	.1126	.94836	.00277	.9936	32
29	.1129	.94725	.00279	.9936	31
30	.1132	.94614	.00280	.9936	30
31	.1135	.94503	.00282	.9935	29
32	.1138	.94393	.00283	.9935	28
33	.1141	.94283	.00284	.9935	27
34	.1144	.94173	.00286	.9934	26
35	.1146	.94063	.00287	.9934	25
36	.1149	.93954	.00289	.9934	24
37	.1152	.93845	.00290	.9933	23
38	.1155	.93736	.00292	.9933	22
39	.1158	.93628	.00293	.9933	21
40	.1161	.93519	.00295	.9932	20
41	.1164	.93411	.00296	.9932	19
42	.1167	.93304	.00298	.9932	18
43	.1170	.93196	.00299	.9931	17
44	.1172	.93089	.00301	.9931	16
45	.1175	.92982	.00302	.9931	15
46	.1178	.92876	.00304	.9930	14
47	.1181	.92769	.00305	.9930	13
48	.1184	.92663	.00307	.9930	12
49	.1187	.92558	.00308	.9929	11
50	.1190	.92452	.00310	.9929	10
51	.1193	.92347	.00311	.9929	9
52	.1196	.92242	.00313	.9928	8
53	.1198	.92137	.00314	.9928	7
54	.1201	.92032	.00316	.9928	6
55	.1204	.91928	.00317	.9927	5
56	.1207	.91824	.00319	.9927	4
57	.1210	.91720	.00320	.9927	3
58	.1213	.91617	.00322	.9926	2
59	.1216	.91514	.00323	.9926	1
60	.1219	.91411	.00325	.9925	0
↑	N cos	L sec	L csc	N sin	↑
96 →					← 83

7 →					← 172
↓	N sin	L csc	L sec	N cos	↓
0	.1219	.91411	.00325	.9925	60
1	.1222	.91308	.00326	.9925	59
2	.1224	.91205	.00328	.9925	58
3	.1227	.91103	.00330	.9924	57
4	.1230	.91001	.00331	.9924	56
5	.1233	.90899	.00333	.9924	55
6	.1236	.90798	.00334	.9923	54
7	.1239	.90696	.00336	.9923	53
8	.1242	.90595	.00337	.9923	52
9	.1245	.90494	.00339	.9922	51
10	.1248	.90394	.00341	.9922	50
11	.1250	.90293	.00342	.9922	49
12	.1253	.90193	.00344	.9921	48
13	.1256	.90093	.00345	.9921	47
14	.1259	.89994	.00347	.9920	46
15	.1262	.89894	.00349	.9920	45
16	.1265	.89795	.00350	.9920	44
17	.1268	.89696	.00352	.9919	43
18	.1271	.89598	.00353	.9919	42
19	.1274	.89499	.00355	.9919	41
20	.1276	.89401	.00357	.9918	40
21	.1279	.89303	.00358	.9918	39
22	.1282	.89205	.00360	.9917	38
23	.1285	.89107	.00362	.9917	37
24	.1288	.89010	.00363	.9917	36
25	.1291	.88913	.00365	.9916	35
26	.1294	.88816	.00367	.9916	34
27	.1297	.88719	.00368	.9916	33
28	.1299	.88623	.00370	.9915	32
29	.1302	.88526	.00371	.9915	31
30	.1305	.88430	.00373	.9914	30
31	.1308	.88334	.00375	.9914	29
32	.1311	.88239	.00376	.9914	28
33	.1314	.88143	.00378	.9913	27
34	.1317	.88048	.00380	.9913	26
35	.1320	.87953	.00382	.9913	25
36	.1323	.87858	.00383	.9912	24
37	.1325	.87764	.00385	.9912	23
38	.1328	.87669	.00387	.9911	22
39	.1331	.87575	.00388	.9911	21
40	.1334	.87481	.00390	.9911	20
41	.1337	.87388	.00392	.9910	19
42	.1340	.87294	.00393	.9910	18
43	.1343	.87201	.00395	.9909	17
44	.1346	.87108	.00397	.9909	16
45	.1349	.87015	.00399	.9909	15
46	.1351	.86922	.00400	.9908	14
47	.1354	.86829	.00402	.9908	13
48	.1357	.86737	.00404	.9907	12
49	.1360	.86645	.00405	.9907	11
50	.1363	.86553	.00407	.9907	10
51	.1366	.86461	.00409	.9906	9
52	.1369	.86370	.00411	.9906	8
53	.1372	.86278	.00412	.9905	7
54	.1374	.86187	.00414	.9905	6
55	.1377	.86096	.00416	.9905	5
56	.1380	.86006	.00418	.9904	4
57	.1383	.85915	.00419	.9904	3
58	.1386	.85825	.00421	.9903	2
59	.1389	.85734	.00423	.9903	1
60	.1392	.85644	.00425	.9903	0
↑	N cos	L sec	L csc	N sin	↑
97 →					← 82

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

8 →				← 171	
↓	N sin	L csc	L sec	N cos	↓
0	.1392	.85644	.00425	.9903	60
1	.1395	.85555	.00426	.9902	59
2	.1397	.85465	.00428	.9902	58
3	.1400	.85376	.00430	.9901	57
4	.1403	.85286	.00432	.9901	56
5	.1406	.85197	.00434	.9901	55
6	.1409	.85109	.00435	.9900	54
7	.1412	.85020	.00437	.9900	53
8	.1415	.84931	.00439	.9899	52
9	.1418	.84843	.00441	.9899	51
10	.1421	.84755	.00443	.9899	50
11	.1423	.84667	.00444	.9898	49
12	.1426	.84579	.00446	.9898	48
13	.1429	.84492	.00448	.9897	47
14	.1432	.84404	.00450	.9897	46
15	.1435	.84317	.00452	.9897	45
16	.1438	.84230	.00454	.9896	44
17	.1441	.84143	.00455	.9896	43
18	.1444	.84056	.00457	.9895	42
19	.1446	.83970	.00459	.9895	41
20	.1449	.83884	.00461	.9894	40
21	.1452	.83797	.00463	.9894	39
22	.1455	.83711	.00465	.9894	38
23	.1458	.83626	.00467	.9893	37
24	.1461	.83540	.00468	.9893	36
25	.1464	.83455	.00470	.9892	35
26	.1467	.83369	.00472	.9892	34
27	.1469	.83284	.00474	.9891	33
28	.1472	.83199	.00476	.9891	32
29	.1475	.83114	.00478	.9891	31
30	.1478	.83030	.00480	.9890	30
31	.1481	.82945	.00482	.9890	29
32	.1484	.82861	.00483	.9889	28
33	.1487	.82777	.00485	.9889	27
34	.1490	.82693	.00487	.9888	26
35	.1492	.82609	.00489	.9888	25
36	.1495	.82526	.00491	.9888	24
37	.1498	.82442	.00493	.9887	23
38	.1501	.82359	.00495	.9887	22
39	.1504	.82276	.00497	.9886	21
40	.1507	.82193	.00499	.9886	20
41	.1510	.82110	.00501	.9885	19
42	.1513	.82027	.00503	.9885	18
43	.1515	.81945	.00505	.9884	17
44	.1518	.81863	.00506	.9884	16
45	.1521	.81780	.00508	.9884	15
46	.1524	.81698	.00510	.9883	14
47	.1527	.81617	.00512	.9883	13
48	.1530	.81535	.00514	.9882	12
49	.1533	.81453	.00516	.9882	11
50	.1536	.81372	.00518	.9881	10
51	.1538	.81291	.00520	.9881	9
52	.1541	.81210	.00522	.9880	8
53	.1544	.81129	.00524	.9880	7
54	.1547	.81048	.00526	.9880	6
55	.1550	.80967	.00528	.9879	5
56	.1553	.80887	.00530	.9879	4
57	.1556	.80807	.00532	.9878	3
58	.1559	.80727	.00534	.9878	2
59	.1561	.80647	.00536	.9877	1
60	.1564	.80567	.00538	.9877	0
↑	N cos	L sec	L csc	N sin	↑
98 →				← 81	

9 →				← 170	
↓	N sin	L csc	L sec	N cos	↓
0	.1564	.80567	.00538	.9877	60
1	.1567	.80487	.00540	.9876	59
2	.1570	.80408	.00542	.9876	58
3	.1573	.80328	.00544	.9876	57
4	.1576	.80249	.00546	.9875	56
5	.1579	.80170	.00548	.9875	55
6	.1582	.80091	.00550	.9874	54
7	.1584	.80012	.00552	.9874	53
8	.1587	.79933	.00554	.9873	52
9	.1590	.79855	.00556	.9873	51
10	.1593	.79777	.00558	.9872	50
11	.1596	.79698	.00560	.9872	49
12	.1599	.79620	.00562	.9871	48
13	.1602	.79542	.00564	.9871	47
14	.1605	.79465	.00566	.9870	46
15	.1607	.79387	.00568	.9870	45
16	.1610	.79309	.00571	.9869	44
17	.1613	.79232	.00573	.9869	43
18	.1616	.79155	.00575	.9869	42
19	.1619	.79078	.00577	.9868	41
20	.1622	.79001	.00579	.9868	40
21	.1625	.78924	.00581	.9867	39
22	.1628	.78847	.00583	.9867	38
23	.1630	.78771	.00585	.9866	37
24	.1633	.78694	.00587	.9866	36
25	.1636	.78618	.00589	.9865	35
26	.1639	.78542	.00591	.9865	34
27	.1642	.78466	.00593	.9864	33
28	.1645	.78390	.00596	.9864	32
29	.1648	.78315	.00598	.9863	31
30	.1650	.78239	.00600	.9863	30
31	.1653	.78164	.00602	.9862	29
32	.1656	.78088	.00604	.9862	28
33	.1659	.78013	.00606	.9861	27
34	.1662	.77938	.00608	.9861	26
35	.1665	.77863	.00610	.9860	25
36	.1668	.77789	.00612	.9860	24
37	.1671	.77714	.00615	.9859	23
38	.1673	.77639	.00617	.9859	22
39	.1676	.77565	.00619	.9859	21
40	.1679	.77491	.00621	.9858	20
41	.1682	.77417	.00623	.9858	19
42	.1685	.77343	.00625	.9857	18
43	.1688	.77269	.00628	.9857	17
44	.1691	.77195	.00630	.9856	16
45	.1693	.77122	.00632	.9856	15
46	.1696	.77048	.00634	.9855	14
47	.1699	.76975	.00636	.9855	13
48	.1702	.76902	.00638	.9854	12
49	.1705	.76829	.00641	.9854	11
50	.1708	.76756	.00643	.9853	10
51	.1711	.76683	.00645	.9853	9
52	.1714	.76610	.00647	.9852	8
53	.1716	.76538	.00649	.9852	7
54	.1719	.76465	.00652	.9851	6
55	.1722	.76393	.00654	.9851	5
56	.1725	.76321	.00656	.9850	4
57	.1728	.76248	.00658	.9850	3
58	.1731	.76177	.00660	.9849	2
59	.1734	.76105	.00663	.9849	1
60	.1736	.76033	.00665	.9848	0
↑	N cos	L sec	L csc	N sin	↑
99 →				← 80	

10 →				← 169	
↓	N sin	L csc	L sec	N cos	↓
0	.1736	.76033	.00665	.9848	60
1	.1739	.75961	.00667	.9848	59
2	.1742	.75890	.00669	.9847	58
3	.1745	.75819	.00672	.9847	57
4	.1748	.75747	.00674	.9846	56
5	.1751	.75676	.00676	.9846	55
6	.1754	.75605	.00678	.9845	54
7	.1757	.75534	.00681	.9845	53
8	.1759	.75464	.00683	.9844	52
9	.1762	.75393	.00685	.9843	51
10	.1765	.75323	.00687	.9843	50
11	.1768	.75252	.00690	.9842	49
12	.1771	.75182	.00692	.9842	48
13	.1774	.75112	.00694	.9841	47
14	.1777	.75042	.00696	.9841	46
15	.1779	.74972	.00699	.9840	45
16	.1782	.74902	.00701	.9840	44
17	.1785	.74832	.00703	.9839	43
18	.1788	.74763	.00706	.9839	42
19	.1791	.74693	.00708	.9838	41
20	.1794	.74624	.00710	.9838	40
21	.1797	.74555	.00712	.9837	39
22	.1799	.74486	.00715	.9837	38
23	.1802	.74417	.00717	.9836	37
24	.1805	.74348	.00719	.9836	36
25	.1808	.74279	.00722	.9835	35
26	.1811	.74210	.00724	.9835	34
27	.1814	.74142	.00726	.9834	33
28	.1817	.74073	.00729	.9834	32
29	.1819	.74005	.00731	.9833	31
30	.1822	.73937	.00733	.9833	30
31	.1825	.73869	.00736	.9832	29
32	.1828	.73801	.00738	.9831	28
33	.1831	.73733	.00740	.9831	27
34	.1834	.73665	.00743	.9830	26
35	.1837	.73597	.00745	.9830	25
36	.1840	.73530	.00748	.9829	24
37	.1842	.73462	.00750	.9829	23
38	.1845	.73395	.00752	.9828	22
39	.1848	.73328	.00755	.9828	21
40	.1851	.73261	.00757	.9827	20
41	.1854	.73194	.00759	.9827	19
42	.1857	.73127	.00762	.9826	18
43	.1860	.73060	.00764	.9826	17
44	.1862	.72993	.00767	.9825	16
45	.1865	.72927	.00769	.9825	15
46	.1868	.72860	.00771	.9824	14
47	.1871	.72794	.00774	.9823	13
48	.1874	.72727	.00776	.9823	12
49	.1877	.72661	.00779	.9822	11
50	.1880	.72595	.00781	.9822	10
51	.1882	.72529	.00783	.9821	9
52	.1885	.72463	.00786	.9821	8
53	.1888	.72398	.00788	.9820	7
54	.1891	.72332	.00791	.9820	6
55	.1894	.72266	.00793	.9819	5
56	.1897	.72201	.00796	.9818	4
57	.1900	.72136	.00798	.9818	3
58	.1902	.72070	.00800	.9817	2
59	.1905	.72005	.00803	.9817	1
60	.1908	.71940	.00805	.9816	0
↑	N cos	L sec	L csc	N sin	↑
100 →				← 79	

11 →				← 168	
↓	N sin	L csc	L sec	N cos	↓
0	.1908	.71940	.00805	.9816	60
1	.1911	.71875	.00808	.9816	59
2	.1914	.71810	.00810	.9815	58
3	.1917	.71746	.00813	.9815	57
4	.1920	.71681	.00815	.9814	56
5	.1922	.71616	.00818	.9813	55
6	.1925	.71552	.00820	.9813	54
7	.1928	.71488	.00823	.9812	53
8	.1931	.71423	.00825	.9812	52
9	.1934	.71359	.00828	.9811	51
10	.1937	.71295	.00830	.9811	50
11	.1939	.71231	.00833	.9810	49
12	.1942	.71167	.00835	.9810	48
13	.1945	.71104	.00838	.9809	47
14	.1948	.71040	.00840	.9808	46
15	.1951	.70976	.00843	.9808	45
16	.1954	.70913	.00845	.9807	44
17	.1957	.70850	.00848	.9807	43
18	.1959	.70786	.00850	.9806	42
19	.1962	.70723	.00853	.9806	41
20	.1965	.70660	.00855	.9805	40
21	.1968	.70597	.00858	.9804	39
22	.1971	.70534	.00860	.9804	38
23	.1974	.70471	.00863	.9803	37
24	.1977	.70409	.00865	.9803	36
25	.1979	.70346	.00868	.9802	35
26	.1982	.70284	.00870	.9802	34
27	.1985	.70221	.00873	.9801	33
28	.1988	.70159	.00876	.9800	32
29	.1991	.70097	.00878	.9800	31
30	.1994	.70034	.00881	.9799	30
31	.1997	.69972	.00883	.9799	29
32	.1999	.69910	.00886	.9798	28
33	.2002	.69849	.00888	.9798	27
34	.2005	.69787	.00891	.9797	26
35	.2008	.69725	.00894	.9796	25
36	.2011	.69664	.00896	.9796	24
37	.2014	.69602	.00899	.9795	23
38	.2016	.69541	.00901	.9795	22
39	.2019	.69479	.00904	.9794	21
40	.2022	.69418	.00907	.9793	20
41	.2025	.69357	.00909	.9793	19
42	.2028	.69296	.00912	.9792	18
43	.2031	.69235	.00914	.9792	17
44	.2034	.69174	.00917	.9791	16
45	.2036	.69113	.00920	.9790	15
46	.2039	.69053	.00922	.9790	14
47	.2042	.68992	.00925	.9789	13
48	.2045	.68932	.00928	.9789	12
49	.2048	.68871	.00930	.9788	11
50	.2051	.68811	.00933	.9787	10
51	.2054	.68750	.00936	.9787	9
52	.2056	.68690	.00938	.9786	8
53	.2059	.68630	.00941	.9786	7
54	.2062	.68570	.00944	.9785	6
55	.2065	.68510	.00946	.9784	5
56	.2068	.68451	.00949	.9784	4
57	.2071	.68391	.00952	.9783	3
58	.2073	.68331	.00954	.9783	2
59	.2076	.68272	.00957	.9782	1
60	.2079	.68212	.00960	.9781	0
↑	N cos	L sec	L csc	N sin	↑
101 →				← 78	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

12 →				← 167	
↓	N sin	L csc	L sec	N cos	↓
0	.2079	.68212	.00960	.9781	60
1	.2082	.68153	.00962	.9781	59
2	.2085	.68093	.00965	.9780	58
3	.2088	.68034	.00968	.9780	57
4	.2090	.67975	.00970	.9779	56
5	.2093	.67916	.00973	.9778	55
6	.2096	.67857	.00976	.9778	54
7	.2099	.67798	.00978	.9777	53
8	.2102	.67739	.00981	.9777	52
9	.2105	.67681	.00984	.9776	51
10	.2108	.67622	.00987	.9775	50
11	.2110	.67563	.00989	.9775	49
12	.2113	.67505	.00992	.9774	48
13	.2116	.67447	.00995	.9774	47
14	.2119	.67388	.00998	.9773	46
15	.2122	.67330	.01000	.9772	45
16	.2125	.67272	.01003	.9772	44
17	.2127	.67214	.01006	.9771	43
18	.2130	.67156	.01009	.9770	42
19	.2133	.67098	.01011	.9770	41
20	.2136	.67040	.01014	.9769	40
21	.2139	.66982	.01017	.9769	39
22	.2142	.66925	.01020	.9768	38
23	.2145	.66867	.01022	.9767	37
24	.2147	.66810	.01025	.9767	36
25	.2150	.66752	.01028	.9766	35
26	.2153	.66695	.01031	.9765	34
27	.2156	.66638	.01033	.9765	33
28	.2159	.66580	.01036	.9764	32
29	.2162	.66523	.01039	.9764	31
30	.2164	.66466	.01042	.9763	30
31	.2167	.66409	.01045	.9762	29
32	.2170	.66353	.01047	.9762	28
33	.2173	.66296	.01050	.9761	27
34	.2176	.66239	.01053	.9760	26
35	.2179	.66182	.01056	.9760	25
36	.2181	.66126	.01059	.9759	24
37	.2184	.66069	.01062	.9759	23
38	.2187	.66013	.01064	.9758	22
39	.2190	.65957	.01067	.9757	21
40	.2193	.65900	.01070	.9757	20
41	.2196	.65844	.01073	.9756	19
42	.2198	.65788	.01076	.9755	18
43	.2201	.65732	.01079	.9755	17
44	.2204	.65676	.01081	.9754	16
45	.2207	.65620	.01084	.9753	15
46	.2210	.65564	.01087	.9753	14
47	.2213	.65509	.01090	.9752	13
48	.2215	.65453	.01093	.9751	12
49	.2218	.65398	.01096	.9751	11
50	.2221	.65342	.01099	.9750	10
51	.2224	.65287	.01102	.9750	9
52	.2227	.65231	.01104	.9749	8
53	.2230	.65176	.01107	.9748	7
54	.2233	.65121	.01110	.9748	6
55	.2235	.65066	.01113	.9747	5
56	.2238	.65011	.01116	.9746	4
57	.2241	.64956	.01119	.9746	3
58	.2244	.64901	.01122	.9745	2
59	.2247	.64846	.01125	.9744	1
60	.2250	.64791	.01128	.9744	0
↑	N cos	L sec	L csc	N sin	↑
102 →				← 77	

13 →				← 166	
↓	N sin	L csc	L sec	N cos	↓
0	.2250	.64791	.01128	.9744	60
1	.2252	.64737	.01131	.9743	59
2	.2255	.64682	.01133	.9742	58
3	.2258	.64627	.01136	.9742	57
4	.2261	.64573	.01139	.9741	56
5	.2264	.64519	.01142	.9740	55
6	.2267	.64464	.01145	.9740	54
7	.2269	.64410	.01148	.9739	53
8	.2272	.64356	.01151	.9738	52
9	.2275	.64302	.01154	.9738	51
10	.2278	.64248	.01157	.9737	50
11	.2281	.64194	.01160	.9736	49
12	.2284	.64140	.01163	.9736	48
13	.2286	.64086	.01166	.9735	47
14	.2289	.64032	.01169	.9734	46
15	.2292	.63978	.01172	.9734	45
16	.2295	.63925	.01175	.9733	44
17	.2298	.63871	.01178	.9732	43
18	.2300	.63818	.01181	.9732	42
19	.2303	.63764	.01184	.9731	41
20	.2306	.63711	.01187	.9730	40
21	.2309	.63658	.01190	.9730	39
22	.2312	.63605	.01193	.9729	38
23	.2315	.63551	.01196	.9728	37
24	.2317	.63498	.01199	.9728	36
25	.2320	.63445	.01202	.9727	35
26	.2323	.63392	.01205	.9726	34
27	.2326	.63340	.01208	.9726	33
28	.2329	.63287	.01211	.9725	32
29	.2332	.63234	.01214	.9724	31
30	.2334	.63181	.01217	.9724	30
31	.2337	.63129	.01220	.9723	29
32	.2340	.63076	.01223	.9722	28
33	.2343	.63024	.01226	.9722	27
34	.2346	.62972	.01229	.9721	26
35	.2349	.62919	.01232	.9720	25
36	.2351	.62867	.01235	.9720	24
37	.2354	.62815	.01238	.9719	23
38	.2357	.62763	.01241	.9718	22
39	.2360	.62711	.01244	.9718	21
40	.2363	.62659	.01247	.9717	20
41	.2366	.62607	.01250	.9716	19
42	.2368	.62555	.01254	.9715	18
43	.2371	.62503	.01257	.9715	17
44	.2374	.62451	.01260	.9714	16
45	.2377	.62400	.01263	.9713	15
46	.2380	.62348	.01266	.9713	14
47	.2383	.62297	.01269	.9712	13
48	.2385	.62245	.01272	.9711	12
49	.2388	.62194	.01275	.9711	11
50	.2391	.62142	.01278	.9710	10
51	.2394	.62091	.01281	.9709	9
52	.2397	.62040	.01285	.9709	8
53	.2399	.61989	.01288	.9708	7
54	.2402	.61938	.01291	.9707	6
55	.2405	.61887	.01294	.9706	5
56	.2408	.61836	.01297	.9706	4
57	.2411	.61785	.01300	.9705	3
58	.2414	.61734	.01303	.9704	2
59	.2416	.61683	.01306	.9704	1
60	.2419	.61632	.01310	.9703	0
↑	N cos	L sec	L csc	N sin	↑
103 →				← 76	

14 →				← 165	
↓	N sin	L csc	L sec	N cos	↓
0	.2419	.61632	.01310	.9703	60
1	.2422	.61582	.01313	.9702	59
2	.2425	.61531	.01316	.9702	58
3	.2428	.61481	.01319	.9701	57
4	.2431	.61430	.01322	.9700	56
5	.2433	.61380	.01325	.9699	55
6	.2436	.61330	.01329	.9699	54
7	.2439	.61279	.01332	.9698	53
8	.2442	.61229	.01335	.9697	52
9	.2445	.61179	.01338	.9697	51
10	.2447	.61129	.01341	.9696	50
11	.2450	.61079	.01344	.9695	49
12	.2453	.61029	.01348	.9694	48
13	.2456	.60979	.01351	.9694	47
14	.2459	.60929	.01354	.9693	46
15	.2462	.60879	.01357	.9692	45
16	.2464	.60830	.01360	.9692	44
17	.2467	.60780	.01364	.9691	43
18	.2470	.60730	.01367	.9690	42
19	.2473	.60681	.01370	.9689	41
20	.2476	.60631	.01373	.9689	40
21	.2478	.60582	.01377	.9688	39
22	.2481	.60533	.01380	.9687	38
23	.2484	.60483	.01383	.9687	37
24	.2487	.60434	.01386	.9686	36
25	.2490	.60385	.01390	.9685	35
26	.2493	.60336	.01393	.9684	34
27	.2495	.60287	.01396	.9684	33
28	.2498	.60238	.01399	.9683	32
29	.2501	.60189	.01403	.9682	31
30	.2504	.60140	.01406	.9681	30
31	.2507	.60091	.01409	.9681	29
32	.2509	.60042	.01412	.9680	28
33	.2512	.59994	.01416	.9679	27
34	.2515	.59945	.01419	.9679	26
35	.2518	.59897	.01422	.9678	25
36	.2521	.59848	.01426	.9677	24
37	.2524	.59800	.01429	.9676	23
38	.2526	.59751	.01432	.9676	22
39	.2529	.59703	.01435	.9675	21
40	.2532	.59654	.01439	.9674	20
41	.2535	.59606	.01442	.9673	19
42	.2538	.59558	.01445	.9673	18
43	.2540	.59510	.01449	.9672	17
44	.2543	.59462	.01452	.9671	16
45	.2546	.59414	.01455	.9670	15
46	.2549	.59366	.01459	.9670	14
47	.2552	.59318	.01462	.9669	13
48	.2554	.59270	.01465	.9668	12
49	.2557	.59222	.01469	.9667	11
50	.2560	.59175	.01472	.9667	10
51	.2563	.59127	.01475	.9666	9
52	.2566	.59079	.01479	.9665	8
53	.2569	.59032	.01482	.9665	7
54	.2571	.58984	.01485	.9664	6
55	.2574	.58937	.01489	.9663	5
56	.2577	.58889	.01492	.9662	4
57	.2580	.58842	.01495	.9662	3
58	.2583	.58795	.01499	.9661	2
59	.2585	.58748	.01502	.9660	1
60	.2588	.58700	.01506	.9659	0
↑	N cos	L sec	L csc	N sin	↑
104 →				← 75	

15 →				← 164	
↓	N sin	L csc	L sec	N cos	↓
0	.2588	.58700	.01506	.9659	60
1	.2591	.58653	.01509	.9659	59
2	.2594	.58606	.01512	.9658	58
3	.2597	.58559	.01516	.9657	57
4	.2599	.58512	.01519	.9656	56
5	.2602	.58465	.01523	.9655	55
6	.2605	.58418	.01526	.9655	54
7	.2608	.58372	.01529	.9654	53
8	.2611	.58325	.01533	.9653	52
9	.2613	.58278	.01536	.9652	51
10	.2616	.58232	.01540	.9652	50
11	.2619	.58185	.01543	.9651	49
12	.2622	.58139	.01547	.9650	48
13	.2625	.58092	.01550	.9649	47
14	.2628	.58046	.01553	.9649	46
15	.2630	.57999	.01557	.9648	45
16	.2633	.57953	.01560	.9647	44
17	.2636	.57907	.01564	.9646	43
18	.2639	.57860	.01567	.9646	42
19	.2642	.57814	.01571	.9645	41
20	.2644	.57768	.01574	.9644	40
21	.2647	.57722	.01578	.9643	39
22	.2650	.57676	.01581	.9642	38
23	.2653	.57630	.01585	.9642	37
24	.2656	.57584	.01588	.9641	36
25	.2658	.57539	.01591	.9640	35
26	.2661	.57493	.01595	.9639	34
27	.2664	.57447	.01598	.9639	33
28	.2667	.57401	.01602	.9638	32
29	.2670	.57356	.01605	.9637	31
30	.2672	.57310	.01609	.9636	30
31	.2675	.57265	.01612	.9636	29
32	.2678	.57219	.01616	.9635	28
33	.2681	.57174	.01619	.9634	27
34	.2684	.57128	.01623	.9633	26
35	.2686	.57083	.01627	.9632	25
36	.2689	.57038	.01630	.9632	24
37	.2692	.56992	.01634	.9631	23
38	.2695	.56947	.01637	.9630	22
39	.2698	.56902	.01641	.9629	21
40	.2700	.56857	.01644	.9628	20
41	.2703	.56812	.01648	.9628	19
42	.2706	.56767	.01651	.9627	18
43	.2709	.56722	.01655	.9626	17
44	.2712	.56677	.01658	.9625	16
45	.2714	.56633	.01662	.9625	15
46	.2717	.56588	.01666	.9624	14
47	.2720	.56543	.01669	.9623	13
48	.2723	.56498	.01673	.9622	12
49	.2726	.56454	.01676	.9621	11
50	.2728	.56409	.01680	.9621	10
51	.2731	.56365	.01683	.9620	9
52	.2734	.56320	.01687	.9619	8
53	.2737	.56276	.01691	.9618	7
54	.2740	.56231	.01694	.9617	6
55	.2742	.56187	.01698	.9617	5
56	.2745	.56143	.01701	.9616	4
57	.2748	.56099	.01705	.9615	3
58	.2751	.56054	.01709	.9614	2
59	.2754	.56010	.01712	.9613	1
60	.2756	.55966	.01716	.9613	0
↑	N cos	L sec	L csc	N sin	↑
105 →				← 74	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

16 →				← 163	
↓	N sin	L csc	L sec	N cos	↓
0	.2756	.55966	.01716	.9613	60
1	.2759	.55922	.01719	.9612	59
2	.2762	.55878	.01723	.9611	58
3	.2765	.55834	.01727	.9610	57
4	.2768	.55790	.01730	.9609	56
5	.2770	.55747	.01734	.9609	55
6	.2773	.55703	.01738	.9608	54
7	.2776	.55659	.01741	.9607	53
8	.2779	.55615	.01745	.9606	52
9	.2782	.55572	.01749	.9605	51
10	.2784	.55528	.01752	.9605	50
11	.2787	.55484	.01756	.9604	49
12	.2790	.55441	.01760	.9603	48
13	.2793	.55398	.01763	.9602	47
14	.2795	.55354	.01767	.9601	46
15	.2798	.55311	.01771	.9600	45
16	.2801	.55267	.01774	.9600	44
17	.2804	.55224	.01778	.9599	43
18	.2807	.55181	.01782	.9598	42
19	.2809	.55138	.01785	.9597	41
20	.2812	.55095	.01789	.9596	40
21	.2815	.55052	.01793	.9596	39
22	.2818	.55008	.01796	.9595	38
23	.2821	.54965	.01800	.9594	37
24	.2823	.54923	.01804	.9593	36
25	.2826	.54880	.01808	.9592	35
26	.2829	.54837	.01811	.9591	34
27	.2832	.54794	.01815	.9591	33
28	.2835	.54751	.01819	.9590	32
29	.2837	.54708	.01823	.9589	31
30	.2840	.54666	.01826	.9588	30
31	.2843	.54623	.01830	.9587	29
32	.2846	.54581	.01834	.9587	28
33	.2849	.54538	.01838	.9586	27
34	.2851	.54496	.01841	.9585	26
35	.2854	.54453	.01845	.9584	25
36	.2857	.54411	.01849	.9583	24
37	.2860	.54368	.01853	.9582	23
38	.2862	.54326	.01856	.9582	22
39	.2865	.54284	.01860	.9581	21
40	.2868	.54242	.01864	.9580	20
41	.2871	.54199	.01868	.9579	19
42	.2874	.54157	.01871	.9578	18
43	.2876	.54115	.01875	.9577	17
44	.2879	.54073	.01879	.9577	16
45	.2882	.54031	.01883	.9576	15
46	.2885	.53989	.01887	.9575	14
47	.2888	.53947	.01890	.9574	13
48	.2890	.53905	.01894	.9573	12
49	.2893	.53864	.01898	.9572	11
50	.2896	.53822	.01902	.9572	10
51	.2899	.53780	.01906	.9571	9
52	.2901	.53738	.01910	.9570	8
53	.2904	.53697	.01913	.9569	7
54	.2907	.53655	.01917	.9568	6
55	.2910	.53614	.01921	.9567	5
56	.2913	.53572	.01925	.9566	4
57	.2915	.53531	.01929	.9566	3
58	.2918	.53489	.01933	.9565	2
59	.2921	.53448	.01937	.9564	1
60	.2924	.53406	.01940	.9563	0
↑	N cos	L sec	L csc	N sin	↑
106 →				← 73	

17 →				← 162	
↓	N sin	L csc	L sec	N cos	↓
0	.2924	.53406	.01940	.9563	60
1	.2926	.53365	.01944	.9562	59
2	.2929	.53324	.01948	.9561	58
3	.2932	.53283	.01952	.9560	57
4	.2935	.53242	.01956	.9560	56
5	.2938	.53200	.01960	.9559	55
6	.2940	.53159	.01964	.9558	54
7	.2943	.53118	.01968	.9557	53
8	.2946	.53077	.01971	.9556	52
9	.2949	.53036	.01975	.9555	51
10	.2952	.52995	.01979	.9555	50
11	.2954	.52955	.01983	.9554	49
12	.2957	.52914	.01987	.9553	48
13	.2960	.52873	.01991	.9552	47
14	.2963	.52832	.01995	.9551	46
15	.2965	.52791	.01999	.9550	45
16	.2968	.52751	.02003	.9549	44
17	.2971	.52710	.02007	.9548	43
18	.2974	.52670	.02011	.9548	42
19	.2977	.52629	.02014	.9547	41
20	.2979	.52589	.02018	.9546	40
21	.2982	.52548	.02022	.9545	39
22	.2985	.52508	.02026	.9544	38
23	.2988	.52467	.02030	.9543	37
24	.2990	.52427	.02034	.9542	36
25	.2993	.52387	.02038	.9542	35
26	.2996	.52346	.02042	.9541	34
27	.2999	.52306	.02046	.9540	33
28	.3002	.52266	.02050	.9539	32
29	.3004	.52226	.02054	.9538	31
30	.3007	.52186	.02058	.9537	30
31	.3010	.52146	.02062	.9536	29
32	.3013	.52106	.02066	.9535	28
33	.3015	.52066	.02070	.9535	27
34	.3018	.52026	.02074	.9534	26
35	.3021	.51986	.02078	.9533	25
36	.3024	.51946	.02082	.9532	24
37	.3026	.51906	.02086	.9531	23
38	.3029	.51867	.02090	.9530	22
39	.3032	.51827	.02094	.9529	21
40	.3035	.51787	.02098	.9528	20
41	.3038	.51748	.02102	.9527	19
42	.3040	.51708	.02106	.9527	18
43	.3043	.51668	.02110	.9526	17
44	.3046	.51629	.02114	.9525	16
45	.3049	.51589	.02118	.9524	15
46	.3051	.51550	.02122	.9523	14
47	.3054	.51510	.02126	.9522	13
48	.3057	.51471	.02130	.9521	12
49	.3060	.51432	.02134	.9520	11
50	.3062	.51393	.02139	.9520	10
51	.3065	.51353	.02143	.9519	9
52	.3068	.51314	.02147	.9518	8
53	.3071	.51275	.02151	.9517	7
54	.3074	.51236	.02155	.9516	6
55	.3076	.51197	.02159	.9515	5
56	.3079	.51158	.02163	.9514	4
57	.3082	.51119	.02167	.9513	3
58	.3085	.51080	.02171	.9512	2
59	.3087	.51041	.02175	.9511	1
60	.3090	.51002	.02179	.9511	0
↑	N cos	L sec	L csc	N sin	↑
107 →				← 72	

18 →				← 161	
↓	N sin	L csc	L sec	N cos	↓
0	.3090	.51002	.02179	.9511	60
1	.3093	.50963	.02183	.9510	59
2	.3096	.50924	.02188	.9509	58
3	.3098	.50885	.02192	.9508	57
4	.3101	.50847	.02196	.9507	56
5	.3104	.50808	.02200	.9506	55
6	.3107	.50769	.02204	.9505	54
7	.3110	.50731	.02208	.9504	53
8	.3112	.50692	.02212	.9503	52
9	.3115	.50653	.02216	.9502	51
10	.3118	.50615	.02221	.9502	50
11	.3121	.50576	.02225	.9501	49
12	.3123	.50538	.02229	.9500	48
13	.3126	.50500	.02233	.9499	47
14	.3129	.50461	.02237	.9498	46
15	.3132	.50423	.02241	.9497	45
16	.3134	.50385	.02246	.9496	44
17	.3137	.50346	.02250	.9495	43
18	.3140	.50308	.02254	.9494	42
19	.3143	.50270	.02258	.9493	41
20	.3145	.50232	.02262	.9492	40
21	.3148	.50194	.02266	.9492	39
22	.3151	.50156	.02271	.9491	38
23	.3154	.50118	.02275	.9490	37
24	.3156	.50080	.02279	.9489	36
25	.3159	.50042	.02283	.9488	35
26	.3162	.50004	.02287	.9487	34
27	.3165	.49966	.02292	.9486	33
28	.3168	.49928	.02296	.9485	32
29	.3170	.49890	.02300	.9484	31
30	.3173	.49852	.02304	.9483	30
31	.3176	.49815	.02309	.9482	29
32	.3179	.49777	.02313	.9481	28
33	.3181	.49739	.02317	.9480	27
34	.3184	.49702	.02321	.9480	26
35	.3187	.49664	.02326	.9479	25
36	.3190	.49626	.02330	.9478	24
37	.3192	.49589	.02334	.9477	23
38	.3195	.49551	.02338	.9476	22
39	.3198	.49514	.02343	.9475	21
40	.3201	.49477	.02347	.9474	20
41	.3203	.49439	.02351	.9473	19
42	.3206	.49402	.02355	.9472	18
43	.3209	.49365	.02360	.9471	17
44	.3212	.49327	.02364	.9470	16
45	.3214	.49290	.02368	.9469	15
46	.3217	.49253	.02372	.9468	14
47	.3220	.49216	.02377	.9467	13
48	.3223	.49179	.02381	.9466	12
49	.3225	.49142	.02385	.9466	11
50	.3228	.49104	.02390	.9465	10
51	.3231	.49067	.02394	.9464	9
52	.3234	.49030	.02398	.9463	8
53	.3236	.48993	.02403	.9462	7
54	.3239	.48957	.02407	.9461	6
55	.3242	.48920	.02411	.9460	5
56	.3245	.48883	.02416	.9459	4
57	.3247	.48846	.02420	.9458	3
58	.3250	.48809	.02424	.9457	2
59	.3253	.48773	.02429	.9456	1
60	.3256	.48736	.02433	.9455	0
↑	N cos	L sec	L csc	N sin	↑
108 →				← 71	

19 →				← 160	
↓	N sin	L csc	L sec	N cos	↓
0	.3256	.48736	.02433	.9455	60
1	.3258	.48699	.02437	.9454	59
2	.3261	.48662	.02442	.9453	58
3	.3264	.48626	.02446	.9452	57
4	.3267	.48589	.02450	.9451	56
5	.3269	.48553	.02455	.9450	55
6	.3272	.48516	.02459	.9449	54
7	.3275	.48480	.02464	.9449	53
8	.3278	.48443	.02468	.9448	52
9	.3280	.48407	.02472	.9447	51
10	.3283	.48371	.02477	.9446	50
11	.3286	.48334	.02481	.9445	49
12	.3289	.48298	.02485	.9444	48
13	.3291	.48262	.02490	.9443	47
14	.3294	.48226	.02494	.9442	46
15	.3297	.48189	.02499	.9441	45
16	.3300	.48153	.02503	.9440	44
17	.3302	.48117	.02508	.9439	43
18	.3305	.48081	.02512	.9438	42
19	.3308	.48045	.02516	.9437	41
20	.3311	.48009	.02521	.9436	40
21	.3313	.47973	.02525	.9435	39
22	.3316	.47937	.02530	.9434	38
23	.3319	.47901	.02534	.9433	37
24	.3322	.47865	.02539	.9432	36
25	.3324	.47829	.02543	.9431	35
26	.3327	.47793	.02547	.9430	34
27	.3330	.47758	.02552	.9429	33
28	.3333	.47722	.02556	.9428	32
29	.3335	.47686	.02561	.9427	31
30	.3338	.47650	.02565	.9426	30
31	.3341	.47615	.02570	.9425	29
32	.3344	.47579	.02574	.9424	28
33	.3346	.47544	.02579	.9423	27
34	.3349	.47508	.02583	.9423	26
35	.3352	.47473	.02588	.9422	25
36	.3355	.47437	.02592	.9421	24
37	.3357	.47402	.02597	.9420	23
38	.3360	.47366	.02601	.9419	22
39	.3363	.47331	.02606	.9418	21
40	.3365	.47295	.02610	.9417	20
41	.3368	.47260	.02615	.9416	19
42	.3371	.47225	.02619	.9415	18
43	.3374	.47189	.02624	.9414	17
44	.3376	.47154	.02628	.9413	16
45	.3379	.47119	.02633	.9412	15
46	.3382	.47084	.02637	.9411	14
47	.3385	.47049	.02642	.9410	13
48	.3387	.47014	.02647	.9409	12
49	.3390	.46979	.02651	.9408	11
50	.3393	.46944	.02656	.9407	10
51	.3396	.46908	.02660	.9406	9
52	.3398	.46874	.02665	.9405	8
53	.3401	.46839	.02669	.9404	7
54	.3404	.46804	.02674	.9403	6
55	.3407	.46769	.02678	.9402	5
56	.3409	.46734	.02683	.9401	4
57	.3412	.46699	.02688	.9400	3
58	.3415	.46664	.02692	.9399	2
59	.3417	.46630	.02697	.9398	1
60	.3420	.46595	.02701	.9397	0
↑	N cos	L sec	L csc	N sin	↑
109 →				← 70	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

20 →				← 159	
↓	N sin	L csc	L sec	N cos	↓
0	.3420	.46595	.02701	.9397	60
1	.3423	.46560	.02706	.9396	59
2	.3426	.46525	.02711	.9395	58
3	.3428	.46491	.02715	.9394	57
4	.3431	.46456	.02720	.9393	56
5	.3434	.46422	.02724	.9392	55
6	.3437	.46387	.02729	.9391	54
7	.3439	.46353	.02734	.9390	53
8	.3442	.46318	.02738	.9389	52
9	.3445	.46284	.02743	.9388	51
10	.3448	.46249	.02748	.9387	50
11	.3450	.46215	.02752	.9386	49
12	.3453	.46181	.02757	.9385	48
13	.3456	.46146	.02762	.9384	47
14	.3458	.46112	.02766	.9383	46
15	.3461	.46078	.02771	.9382	45
16	.3464	.46043	.02776	.9381	44
17	.3467	.46009	.02780	.9380	43
18	.3469	.45975	.02785	.9379	42
19	.3472	.45941	.02790	.9378	41
20	.3475	.45907	.02794	.9377	40
21	.3478	.45873	.02799	.9376	39
22	.3480	.45839	.02804	.9375	38
23	.3483	.45805	.02808	.9374	37
24	.3486	.45771	.02813	.9373	36
25	.3488	.45737	.02818	.9372	35
26	.3491	.45703	.02822	.9371	34
27	.3494	.45669	.02827	.9370	33
28	.3497	.45635	.02832	.9369	32
29	.3499	.45601	.02837	.9368	31
30	.3502	.45567	.02841	.9367	30
31	.3505	.45534	.02846	.9366	29
32	.3508	.45500	.02851	.9365	28
33	.3510	.45466	.02855	.9364	27
34	.3513	.45433	.02860	.9363	26
35	.3516	.45399	.02865	.9362	25
36	.3518	.45365	.02870	.9361	24
37	.3521	.45332	.02874	.9360	23
38	.3524	.45298	.02879	.9359	22
39	.3527	.45265	.02884	.9358	21
40	.3529	.45231	.02889	.9356	20
41	.3532	.45198	.02893	.9355	19
42	.3535	.45164	.02898	.9354	18
43	.3537	.45131	.02903	.9353	17
44	.3540	.45097	.02908	.9352	16
45	.3543	.45064	.02913	.9351	15
46	.3546	.45031	.02917	.9350	14
47	.3548	.44997	.02922	.9349	13
48	.3551	.44964	.02927	.9348	12
49	.3554	.44931	.02932	.9347	11
50	.3557	.44898	.02937	.9346	10
51	.3559	.44864	.02941	.9345	9
52	.3562	.44831	.02946	.9344	8
53	.3565	.44798	.02951	.9343	7
54	.3567	.44765	.02956	.9342	6
55	.3570	.44732	.02961	.9341	5
56	.3573	.44699	.02965	.9340	4
57	.3576	.44666	.02970	.9339	3
58	.3578	.44633	.02975	.9338	2
59	.3581	.44600	.02980	.9337	1
60	.3584	.44567	.02985	.9336	0
↑	N cos	L sec	L csc	N sin	↑
110 →				← 69	

21 →				← 158	
↓	N sin	L csc	L sec	N cos	↓
0	.3584	.44567	.02985	.9336	60
1	.3586	.44534	.02990	.9335	59
2	.3589	.44501	.02995	.9334	58
3	.3592	.44468	.02999	.9333	57
4	.3595	.44436	.03004	.9332	56
5	.3597	.44403	.03009	.9331	55
6	.3600	.44370	.03014	.9330	54
7	.3603	.44337	.03019	.9328	53
8	.3605	.44305	.03024	.9327	52
9	.3608	.44272	.03029	.9326	51
10	.3611	.44239	.03034	.9325	50
11	.3614	.44207	.03038	.9324	49
12	.3616	.44174	.03043	.9323	48
13	.3619	.44142	.03048	.9322	47
14	.3622	.44109	.03053	.9321	46
15	.3624	.44077	.03058	.9320	45
16	.3627	.44044	.03063	.9319	44
17	.3630	.44012	.03068	.9318	43
18	.3633	.43979	.03073	.9317	42
19	.3635	.43947	.03078	.9316	41
20	.3638	.43915	.03083	.9315	40
21	.3641	.43882	.03088	.9314	39
22	.3643	.43850	.03093	.9313	38
23	.3646	.43818	.03097	.9312	37
24	.3649	.43785	.03102	.9311	36
25	.3651	.43753	.03107	.9309	35
26	.3654	.43721	.03112	.9308	34
27	.3657	.43689	.03117	.9307	33
28	.3660	.43657	.03122	.9306	32
29	.3662	.43625	.03127	.9305	31
30	.3665	.43592	.03132	.9304	30
31	.3668	.43560	.03137	.9303	29
32	.3670	.43528	.03142	.9302	28
33	.3673	.43496	.03147	.9301	27
34	.3676	.43464	.03152	.9300	26
35	.3679	.43432	.03157	.9299	25
36	.3681	.43401	.03162	.9298	24
37	.3684	.43369	.03167	.9297	23
38	.3687	.43337	.03172	.9296	22
39	.3689	.43305	.03177	.9295	21
40	.3692	.43273	.03182	.9293	20
41	.3695	.43241	.03187	.9292	19
42	.3697	.43210	.03192	.9291	18
43	.3700	.43178	.03197	.9290	17
44	.3703	.43146	.03202	.9289	16
45	.3706	.43114	.03207	.9288	15
46	.3708	.43083	.03212	.9287	14
47	.3711	.43051	.03217	.9286	13
48	.3714	.43020	.03222	.9285	12
49	.3716	.42988	.03228	.9284	11
50	.3719	.42956	.03233	.9283	10
51	.3722	.42925	.03238	.9282	9
52	.3724	.42893	.03243	.9281	8
53	.3727	.42862	.03248	.9279	7
54	.3730	.42831	.03253	.9278	6
55	.3733	.42799	.03258	.9277	5
56	.3735	.42768	.03263	.9276	4
57	.3738	.42736	.03268	.9275	3
58	.3741	.42705	.03273	.9274	2
59	.3743	.42674	.03278	.9273	1
60	.3746	.42642	.03283	.9272	0
↑	N cos	L sec	L csc	N sin	↑
111 →				← 68	

22 →				← 157	
↓	N sin	L csc	L sec	N cos	↓
0	.3746	.42642	.03283	.9272	60
1	.3749	.42611	.03289	.9271	59
2	.3751	.42580	.03294	.9270	58
3	.3754	.42549	.03299	.9269	57
4	.3757	.42518	.03304	.9267	56
5	.3760	.42486	.03309	.9266	55
6	.3762	.42455	.03314	.9265	54
7	.3765	.42424	.03319	.9264	53
8	.3768	.42393	.03324	.9263	52
9	.3770	.42362	.03330	.9262	51
10	.3773	.42331	.03335	.9261	50
11	.3776	.42300	.03340	.9260	49
12	.3778	.42269	.03345	.9259	48
13	.3781	.42238	.03350	.9258	47
14	.3784	.42207	.03355	.9257	46
15	.3786	.42176	.03360	.9255	45
16	.3789	.42145	.03366	.9254	44
17	.3792	.42115	.03371	.9253	43
18	.3795	.42084	.03376	.9252	42
19	.3797	.42053	.03381	.9251	41
20	.3800	.42022	.03386	.9250	40
21	.3803	.41992	.03392	.9249	39
22	.3805	.41961	.03397	.9248	38
23	.3808	.41930	.03402	.9247	37
24	.3811	.41899	.03407	.9245	36
25	.3813	.41869	.03412	.9244	35
26	.3816	.41838	.03418	.9243	34
27	.3819	.41808	.03423	.9242	33
28	.3821	.41777	.03428	.9241	32
29	.3824	.41747	.03433	.9240	31
30	.3827	.41716	.03438	.9239	30
31	.3830	.41686	.03444	.9238	29
32	.3832	.41655	.03449	.9237	28
33	.3835	.41625	.03454	.9235	27
34	.3838	.41594	.03459	.9234	26
35	.3840	.41564	.03465	.9233	25
36	.3843	.41533	.03470	.9232	24
37	.3846	.41503	.03475	.9231	23
38	.3848	.41473	.03480	.9230	22
39	.3851	.41443	.03486	.9229	21
40	.3854	.41412	.03491	.9228	20
41	.3856	.41382	.03496	.9227	19
42	.3859	.41352	.03502	.9225	18
43	.3862	.41322	.03507	.9224	17
44	.3864	.41291	.03512	.9223	16
45	.3867	.41261	.03517	.9222	15
46	.3870	.41231	.03523	.9221	14
47	.3872	.41201	.03528	.9220	13
48	.3875	.41171	.03533	.9219	12
49	.3878	.41141	.03539	.9218	11
50	.3881	.41111	.03544	.9216	10
51	.3883	.41081	.03549	.9215	9
52	.3886	.41051	.03555	.9214	8
53	.3889	.41021	.03560	.9213	7
54	.3891	.40991	.03565	.9212	6
55	.3894	.40961	.03571	.9211	5
56	.3897	.40931	.03576	.9210	4
57	.3899	.40902	.03581	.9208	3
58	.3902	.40872	.03587	.9207	2
59	.3905	.40842	.03592	.9206	1
60	.3907	.40812	.03597	.9205	0
↑	N cos	L sec	L csc	N sin	↑
112 →				← 67	

23 →				← 156	
↓	N sin	L csc	L sec	N cos	↓
0	.3907	.40812	.03597	.9205	60
1	.3910	.40782	.03603	.9204	59
2	.3913	.40753	.03608	.9203	58
3	.3915	.40723	.03613	.9202	57
4	.3918	.40693	.03619	.9200	56
5	.3921	.40664	.03624	.9199	55
6	.3923	.40634	.03630	.9198	54
7	.3926	.40604	.03635	.9197	53
8	.3929	.40575	.03640	.9196	52
9	.3931	.40545	.03646	.9195	51
10	.3934	.40516	.03651	.9194	50
11	.3937	.40486	.03657	.9192	49
12	.3939	.40457	.03662	.9191	48
13	.3942	.40427	.03667	.9190	47
14	.3945	.40398	.03673	.9189	46
15	.3947	.40368	.03678	.9188	45
16	.3950	.40339	.03684	.9187	44
17	.3953	.40310	.03689	.9186	43
18	.3955	.40280	.03695	.9184	42
19	.3958	.40251	.03700	.9183	41
20	.3961	.40222	.03706	.9182	40
21	.3963	.40192	.03711	.9181	39
22	.3966	.40163	.03716	.9180	38
23	.3969	.40134	.03722	.9179	37
24	.3971	.40105	.03727	.9178	36
25	.3974	.40076	.03733	.9176	35
26	.3977	.40046	.03738	.9175	34
27	.3979	.40017	.03744	.9174	33
28	.3982	.39988	.03749	.9173	32
29	.3985	.39959	.03755	.9172	31
30	.3987	.39930	.03760	.9171	30
31	.3990	.39901	.03766	.9169	29
32	.3993	.39872	.03771	.9168	28
33	.3995	.39843	.03777	.9167	27
34	.3998	.39814	.03782	.9166	26
35	.4001	.39785	.03788	.9165	25
36	.4003	.39756	.03793	.9164	24
37	.4006	.39727	.03799	.9162	23
38	.4009	.39698	.03804	.9161	22
39	.4011	.39669	.03810	.9160	21
40	.4014	.39641	.03815	.9159	20
41	.4017	.39612	.03821	.9158	19
42	.4019	.39583	.03826	.9157	18
43	.4022	.39554	.03832	.9155	17
44	.4025	.39526	.03838	.9154	16
45	.4027	.39497	.03843	.9153	15
46	.4030	.39468	.03849	.9152	14
47	.4033	.39439	.03854	.9151	13
48	.4035	.39411	.03860	.9150	12
49	.4038	.39382	.03865	.9148	11
50	.4041	.39354	.03871	.9147	10
51	.4043	.39325	.03877	.9146	9
52	.4046	.39296	.03882	.9145	8
53	.4049	.39268	.03888	.9144	7
54	.4051	.39239	.03893	.9143	6
55	.4054	.39211	.03899	.9141	5
56	.4057	.39182	.03905	.9140	4
57	.4059	.39154	.03910	.9139	3
58	.4062	.39125	.03916	.9138	2
59	.4065	.39097	.03921	.9137	1
60	.4067	.39069	.03927	.9135	0
↑	N cos	L sec	L csc	N sin	↑
113 →				← 66	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

24 →				← 155	
↓	N sin	L csc	L sec	N cos	↓
0	.4067	.39069	.03927	.9135	60
1	.4070	.39040	.03933	.9134	59
2	.4073	.39012	.03938	.9133	58
3	.4075	.38984	.03944	.9132	57
4	.4078	.38955	.03950	.9131	56
5	.4081	.38927	.03955	.9130	55
6	.4083	.38899	.03961	.9128	54
7	.4086	.38871	.03966	.9127	53
8	.4089	.38842	.03972	.9126	52
9	.4091	.38814	.03978	.9125	51
10	.4094	.38786	.03983	.9124	50
11	.4097	.38758	.03989	.9122	49
12	.4099	.38730	.03995	.9121	48
13	.4102	.38702	.04000	.9120	47
14	.4105	.38674	.04006	.9119	46
15	.4107	.38646	.04012	.9118	45
16	.4110	.38618	.04018	.9116	44
17	.4112	.38589	.04023	.9115	43
18	.4115	.38562	.04029	.9114	42
19	.4118	.38534	.04035	.9113	41
20	.4120	.38506	.04040	.9112	40
21	.4123	.38478	.04046	.9110	39
22	.4126	.38450	.04052	.9109	38
23	.4128	.38422	.04058	.9108	37
24	.4131	.38394	.04063	.9107	36
25	.4134	.38366	.04069	.9106	35
26	.4136	.38338	.04075	.9104	34
27	.4139	.38311	.04080	.9103	33
28	.4142	.38283	.04086	.9102	32
29	.4144	.38255	.04092	.9101	31
30	.4147	.38227	.04098	.9100	30
31	.4150	.38200	.04103	.9098	29
32	.4152	.38172	.04109	.9097	28
33	.4155	.38144	.04115	.9096	27
34	.4158	.38117	.04121	.9095	26
35	.4160	.38089	.04127	.9094	25
36	.4163	.38061	.04132	.9092	24
37	.4165	.38034	.04138	.9091	23
38	.4168	.38006	.04144	.9090	22
39	.4171	.37979	.04150	.9089	21
40	.4173	.37951	.04156	.9088	20
41	.4176	.37924	.04161	.9086	19
42	.4179	.37896	.04167	.9085	18
43	.4181	.37869	.04173	.9084	17
44	.4184	.37841	.04179	.9083	16
45	.4187	.37814	.04185	.9081	15
46	.4189	.37786	.04190	.9080	14
47	.4192	.37759	.04196	.9079	13
48	.4195	.37732	.04202	.9078	12
49	.4197	.37704	.04208	.9077	11
50	.4200	.37677	.04214	.9075	10
51	.4202	.37650	.04220	.9074	9
52	.4205	.37623	.04225	.9073	8
53	.4208	.37595	.04231	.9072	7
54	.4210	.37568	.04237	.9070	6
55	.4213	.37541	.04243	.9069	5
56	.4216	.37514	.04249	.9068	4
57	.4218	.37487	.04255	.9067	3
58	.4221	.37459	.04261	.9066	2
59	.4224	.37432	.04267	.9064	1
60	.4226	.37405	.04272	.9063	0
↑	N cos	L sec	L csc	N sin	↑
114 →				← 65	

25 →				← 154	
↓	N sin	L csc	L sec	N cos	↓
0	.4226	.37405	.04272	.9063	60
1	.4229	.37378	.04278	.9062	59
2	.4231	.37351	.04284	.9061	58
3	.4234	.37324	.04290	.9059	57
4	.4237	.37297	.04296	.9058	56
5	.4239	.37270	.04302	.9057	55
6	.4242	.37243	.04308	.9056	54
7	.4245	.37216	.04314	.9054	53
8	.4247	.37189	.04320	.9053	52
9	.4250	.37162	.04326	.9052	51
10	.4253	.37135	.04332	.9051	50
11	.4255	.37108	.04337	.9050	49
12	.4258	.37082	.04343	.9048	48
13	.4260	.37055	.04349	.9047	47
14	.4263	.37028	.04355	.9046	46
15	.4266	.37001	.04361	.9045	45
16	.4268	.36974	.04367	.9043	44
17	.4271	.36948	.04373	.9042	43
18	.4274	.36921	.04379	.9041	42
19	.4276	.36894	.04385	.9040	41
20	.4279	.36867	.04391	.9038	40
21	.4281	.36841	.04397	.9037	39
22	.4284	.36814	.04403	.9036	38
23	.4287	.36787	.04409	.9035	37
24	.4289	.36761	.04415	.9033	36
25	.4292	.36734	.04421	.9032	35
26	.4295	.36708	.04427	.9031	34
27	.4297	.36681	.04433	.9030	33
28	.4300	.36655	.04439	.9028	32
29	.4302	.36628	.04445	.9027	31
30	.4305	.36602	.04451	.9026	30
31	.4308	.36575	.04457	.9025	29
32	.4310	.36549	.04463	.9023	28
33	.4313	.36522	.04469	.9022	27
34	.4316	.36496	.04475	.9021	26
35	.4318	.36469	.04481	.9020	25
36	.4321	.36443	.04487	.9018	24
37	.4323	.36417	.04493	.9017	23
38	.4326	.36390	.04500	.9016	22
39	.4329	.36364	.04506	.9015	21
40	.4331	.36338	.04512	.9013	20
41	.4334	.36311	.04518	.9012	19
42	.4337	.36285	.04524	.9011	18
43	.4339	.36259	.04530	.9010	17
44	.4342	.36233	.04536	.9008	16
45	.4344	.36206	.04542	.9007	15
46	.4347	.36180	.04548	.9006	14
47	.4350	.36154	.04554	.9004	13
48	.4352	.36128	.04560	.9003	12
49	.4355	.36102	.04566	.9002	11
50	.4358	.36076	.04573	.9001	10
51	.4360	.36050	.04579	.8999	9
52	.4363	.36024	.04585	.8998	8
53	.4365	.35998	.04591	.8997	7
54	.4368	.35972	.04597	.8996	6
55	.4371	.35946	.04603	.8994	5
56	.4373	.35920	.04609	.8993	4
57	.4376	.35894	.04616	.8992	3
58	.4378	.35868	.04622	.8990	2
59	.4381	.35842	.04628	.8989	1
60	.4384	.35816	.04634	.8988	0
↑	N cos	L sec	L csc	N sin	↑
115 →				← 64	

26 →				← 153	
↓	N sin	L csc	L sec	N cos	↓
0	.4384	.35816	.04634	.8988	60
1	.4386	.35790	.04640	.8987	59
2	.4389	.35764	.04646	.8985	58
3	.4392	.35738	.04652	.8984	57
4	.4394	.35712	.04659	.8983	56
5	.4397	.35687	.04665	.8982	55
6	.4399	.35661	.04671	.8980	54
7	.4402	.35635	.04677	.8979	53
8	.4405	.35609	.04683	.8978	52
9	.4407	.35583	.04690	.8976	51
10	.4410	.35558	.04696	.8975	50
11	.4412	.35532	.04702	.8974	49
12	.4415	.35506	.04708	.8973	48
13	.4418	.35481	.04714	.8971	47
14	.4420	.35455	.04721	.8970	46
15	.4423	.35429	.04727	.8969	45
16	.4425	.35404	.04733	.8967	44
17	.4428	.35378	.04739	.8966	43
18	.4431	.35353	.04746	.8965	42
19	.4433	.35327	.04752	.8964	41
20	.4436	.35302	.04758	.8962	40
21	.4439	.35276	.04764	.8961	39
22	.4441	.35251	.04771	.8960	38
23	.4444	.35225	.04777	.8958	37
24	.4446	.35200	.04783	.8957	36
25	.4449	.35174	.04789	.8956	35
26	.4452	.35149	.04796	.8955	34
27	.4454	.35123	.04802	.8953	33
28	.4457	.35098	.04808	.8952	32
29	.4459	.35073	.04815	.8951	31
30	.4462	.35047	.04821	.8949	30
31	.4465	.35022	.04827	.8948	29
32	.4467	.34997	.04833	.8947	28
33	.4470	.34971	.04840	.8945	27
34	.4472	.34946	.04846	.8944	26
35	.4475	.34921	.04852	.8943	25
36	.4478	.34896	.04859	.8942	24
37	.4480	.34870	.04865	.8940	23
38	.4483	.34845	.04871	.8939	22
39	.4485	.34820	.04878	.8938	21
40	.4488	.34795	.04884	.8936	20
41	.4491	.34770	.04890	.8935	19
42	.4493	.34745	.04897	.8934	18
43	.4496	.34719	.04903	.8932	17
44	.4498	.34694	.04910	.8931	16
45	.4501	.34669	.04916	.8930	15
46	.4504	.34644	.04922	.8928	14
47	.4506	.34619	.04929	.8927	13
48	.4509	.34594	.04935	.8926	12
49	.4511	.34569	.04941	.8925	11
50	.4514	.34544	.04948	.8923	10
51	.4517	.34519	.04954	.8922	9
52	.4519	.34494	.04961	.8921	8
53	.4522	.34469	.04967	.8919	7
54	.4524	.34444	.04973	.8918	6
55	.4527	.34420	.04980	.8917	5
56	.4530	.34395	.04986	.8915	4
57	.4532	.34370	.04993	.8914	3
58	.4535	.34345	.04999	.8913	2
59	.4537	.34320	.05005	.8911	1
60	.4540	.34295	.05012	.8910	0
↑	N cos	L sec	L csc	N sin	↑
116 →				← 63	

27 →				← 152	
↓	N sin	L csc	L sec	N cos	↓
0	.4540	.34295	.05012	.8910	60
1	.4542	.34271	.05018	.8909	59
2	.4545	.34246	.05025	.8907	58
3	.4548	.34221	.05031	.8906	57
4	.4550	.34196	.05038	.8905	56
5	.4553	.34172	.05044	.8903	55
6	.4555	.34147	.05051	.8902	54
7	.4558	.34122	.05057	.8901	53
8	.4561	.34098	.05064	.8899	52
9	.4563	.34073	.05070	.8898	51
10	.4566	.34048	.05077	.8897	50
11	.4568	.34024	.05083	.8895	49
12	.4571	.33999	.05089	.8894	48
13	.4574	.33975	.05096	.8893	47
14	.4576	.33950	.05102	.8892	46
15	.4579	.33925	.05109	.8890	45
16	.4581	.33901	.05115	.8889	44
17	.4584	.33876	.05122	.8888	43
18	.4586	.33852	.05129	.8886	42
19	.4589	.33827	.05135	.8885	41
20	.4592	.33803	.05142	.8884	40
21	.4594	.33779	.05148	.8882	39
22	.4597	.33754	.05155	.8881	38
23	.4599	.33730	.05161	.8879	37
24	.4602	.33705	.05168	.8878	36
25	.4605	.33681	.05174	.8877	35
26	.4607	.33657	.05181	.8875	34
27	.4610	.33632	.05187	.8874	33
28	.4612	.33608	.05194	.8873	32
29	.4615	.33584	.05201	.8871	31
30	.4617	.33559	.05207	.8870	30
31	.4620	.33535	.05214	.8869	29
32	.4623	.33511	.05220	.8867	28
33	.4625	.33487	.05227	.8866	27
34	.4628	.33463	.05233	.8865	26
35	.4630	.33438	.05240	.8863	25
36	.4633	.33414	.05247	.8862	24
37	.4636	.33390	.05253	.8861	23
38	.4638	.33366	.05260	.8859	22
39	.4641	.33342	.05266	.8858	21
40	.4643	.33318	.05273	.8857	20
41	.4646	.33294	.05280	.8855	19
42	.4648	.33269	.05286	.8854	18
43	.4651	.33245	.05293	.8853	17
44	.4654	.33221	.05300	.8851	16
45	.4656	.33197	.05306	.8850	15
46	.4659	.33173	.05313	.8849	14
47	.4661	.33149	.05320	.8847	13
48	.4664	.33125	.05326	.8846	12
49	.4666	.33101	.05333	.8844	11
50	.4669	.33078	.05340	.8843	10
51	.4672	.33054	.05346	.8842	9
52	.4674	.33030	.05353	.8840	8
53	.4677	.33006	.05360	.8839	7
54	.4679	.32982	.05366	.8838	6
55	.4682	.32958	.05373	.8836	5
56	.4684	.32934	.05380	.8835	4
57	.4687	.32910	.05386	.8834	3
58	.4690	.32887	.05393	.8832	2
59	.4692	.32863	.05400	.8831	1
60	.4695	.32839	.05407	.8829	0
↑	N cos	L sec	L csc	N sin	↑
117 →				← 62	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

28 →				← 151	
↓	N sin	L csc	L sec	N cos	↓
0	.4695	.32839	.05407	.8829	60
1	.4697	.32815	.05413	.8828	59
2	.4700	.32792	.05420	.8827	58
3	.4702	.32768	.05427	.8825	57
4	.4705	.32744	.05433	.8824	56
5	.4708	.32720	.05440	.8823	55
6	.4710	.32697	.05447	.8821	54
7	.4713	.32673	.05454	.8820	53
8	.4715	.32650	.05460	.8819	52
9	.4718	.32626	.05467	.8817	51
10	.4720	.32602	.05474	.8816	50
11	.4723	.32579	.05481	.8814	49
12	.4726	.32555	.05487	.8813	48
13	.4728	.32532	.05494	.8812	47
14	.4731	.32508	.05501	.8810	46
15	.4733	.32485	.05508	.8809	45
16	.4736	.32461	.05515	.8808	44
17	.4738	.32438	.05521	.8806	43
18	.4741	.32414	.05528	.8805	42
19	.4743	.32391	.05535	.8803	41
20	.4746	.32367	.05542	.8802	40
21	.4749	.32344	.05549	.8801	39
22	.4751	.32320	.05555	.8799	38
23	.4754	.32297	.05562	.8798	37
24	.4756	.32274	.05569	.8796	36
25	.4759	.32250	.05576	.8795	35
26	.4761	.32227	.05583	.8794	34
27	.4764	.32204	.05590	.8792	33
28	.4766	.32180	.05596	.8791	32
29	.4769	.32157	.05603	.8790	31
30	.4772	.32134	.05610	.8788	30
31	.4774	.32110	.05617	.8787	29
32	.4777	.32087	.05624	.8785	28
33	.4779	.32064	.05631	.8784	27
34	.4782	.32041	.05638	.8783	26
35	.4784	.32018	.05645	.8781	25
36	.4787	.31994	.05651	.8780	24
37	.4789	.31971	.05658	.8778	23
38	.4792	.31948	.05665	.8777	22
39	.4795	.31925	.05672	.8776	21
40	.4797	.31902	.05679	.8774	20
41	.4800	.31879	.05686	.8773	19
42	.4802	.31856	.05693	.8771	18
43	.4805	.31833	.05700	.8770	17
44	.4807	.31810	.05707	.8769	16
45	.4810	.31787	.05714	.8767	15
46	.4812	.31763	.05721	.8766	14
47	.4815	.31740	.05727	.8764	13
48	.4818	.31717	.05734	.8763	12
49	.4820	.31695	.05741	.8762	11
50	.4823	.31672	.05748	.8760	10
51	.4825	.31649	.05755	.8759	9
52	.4828	.31626	.05762	.8757	8
53	.4830	.31603	.05769	.8756	7
54	.4833	.31580	.05776	.8755	6
55	.4835	.31557	.05783	.8753	5
56	.4838	.31534	.05790	.8752	4
57	.4840	.31511	.05797	.8750	3
58	.4843	.31488	.05804	.8749	2
59	.4846	.31466	.05811	.8748	1
60	.4848	.31443	.05818	.8746	0
↑	N cos	L sec	L csc	N sin	↑
118 →				← 61	

29 →				← 150	
↓	N sin	L csc	L sec	N cos	↓
0	.4848	.31443	.05818	.8746	60
1	.4851	.31420	.05825	.8745	59
2	.4853	.31397	.05832	.8743	58
3	.4856	.31375	.05839	.8742	57
4	.4858	.31352	.05846	.8741	56
5	.4861	.31329	.05853	.8739	55
6	.4863	.31306	.05860	.8738	54
7	.4866	.31284	.05867	.8736	53
8	.4868	.31261	.05874	.8735	52
9	.4871	.31238	.05881	.8733	51
10	.4874	.31216	.05888	.8732	50
11	.4876	.31193	.05895	.8731	49
12	.4879	.31171	.05902	.8729	48
13	.4881	.31148	.05910	.8728	47
14	.4884	.31125	.05917	.8726	46
15	.4886	.31103	.05924	.8725	45
16	.4889	.31080	.05931	.8724	44
17	.4891	.31058	.05938	.8722	43
18	.4894	.31035	.05945	.8721	42
19	.4896	.31013	.05952	.8719	41
20	.4899	.30990	.05959	.8718	40
21	.4901	.30968	.05966	.8716	39
22	.4904	.30945	.05973	.8715	38
23	.4907	.30923	.05980	.8714	37
24	.4909	.30900	.05988	.8712	36
25	.4912	.30878	.05995	.8711	35
26	.4914	.30856	.06002	.8709	34
27	.4917	.30833	.06009	.8708	33
28	.4919	.30811	.06016	.8706	32
29	.4922	.30788	.06023	.8705	31
30	.4924	.30766	.06030	.8704	30
31	.4927	.30744	.06037	.8702	29
32	.4929	.30721	.06045	.8701	28
33	.4932	.30699	.06052	.8699	27
34	.4934	.30677	.06059	.8698	26
35	.4937	.30655	.06066	.8696	25
36	.4939	.30632	.06073	.8695	24
37	.4942	.30610	.06080	.8694	23
38	.4944	.30588	.06088	.8692	22
39	.4947	.30566	.06095	.8691	21
40	.4950	.30544	.06102	.8689	20
41	.4952	.30521	.06109	.8688	19
42	.4955	.30499	.06116	.8686	18
43	.4957	.30477	.06124	.8685	17
44	.4960	.30455	.06131	.8683	16
45	.4962	.30433	.06138	.8682	15
46	.4965	.30411	.06145	.8681	14
47	.4967	.30389	.06153	.8679	13
48	.4970	.30367	.06160	.8678	12
49	.4972	.30345	.06167	.8676	11
50	.4975	.30323	.06174	.8675	10
51	.4977	.30301	.06181	.8673	9
52	.4980	.30279	.06189	.8672	8
53	.4982	.30257	.06196	.8670	7
54	.4985	.30235	.06203	.8669	6
55	.4987	.30213	.06211	.8668	5
56	.4990	.30191	.06218	.8666	4
57	.4992	.30169	.06225	.8665	3
58	.4995	.30147	.06232	.8663	2
59	.4997	.30125	.06240	.8662	1
60	.5000	.30103	.06247	.8660	0
↑	N cos	L sec	L csc	N sin	↑
119 →				← 60	

30 →				← 149	
↓	N sin	L csc	L sec	N cos	↓
0	.5000	.30103	.06247	.8660	60
1	.5003	.30081	.06254	.8659	59
2	.5005	.30059	.06262	.8657	58
3	.5008	.30037	.06269	.8656	57
4	.5010	.30016	.06276	.8654	56
5	.5013	.29994	.06283	.8653	55
6	.5015	.29972	.06291	.8652	54
7	.5018	.29950	.06298	.8650	53
8	.5020	.29928	.06305	.8649	52
9	.5023	.29907	.06313	.8647	51
10	.5025	.29885	.06320	.8646	50
11	.5028	.29863	.06327	.8644	49
12	.5030	.29841	.06335	.8643	48
13	.5033	.29820	.06342	.8641	47
14	.5035	.29798	.06350	.8640	46
15	.5038	.29776	.06357	.8638	45
16	.5040	.29755	.06364	.8637	44
17	.5043	.29733	.06372	.8635	43
18	.5045	.29712	.06379	.8634	42
19	.5048	.29690	.06386	.8632	41
20	.5050	.29668	.06394	.8631	40
21	.5053	.29647	.06401	.8630	39
22	.5055	.29625	.06409	.8628	38
23	.5058	.29604	.06416	.8627	37
24	.5060	.29582	.06423	.8625	36
25	.5063	.29561	.06431	.8624	35
26	.5065	.29539	.06438	.8622	34
27	.5068	.29518	.06446	.8621	33
28	.5070	.29496	.06453	.8619	32
29	.5073	.29475	.06461	.8618	31
30	.5075	.29453	.06468	.8616	30
31	.5078	.29432	.06475	.8615	29
32	.5080	.29410	.06483	.8613	28
33	.5083	.29389	.06490	.8612	27
34	.5085	.29367	.06498	.8610	26
35	.5088	.29346	.06505	.8609	25
36	.5090	.29325	.06513	.8607	24
37	.5093	.29303	.06520	.8606	23
38	.5095	.29282	.06528	.8604	22
39	.5098	.29261	.06535	.8603	21
40	.5100	.29239	.06543	.8601	20
41	.5103	.29218	.06550	.8600	19
42	.5105	.29197	.06558	.8599	18
43	.5108	.29176	.06565	.8597	17
44	.5110	.29154	.06573	.8596	16
45	.5113	.29133	.06580	.8594	15
46	.5115	.29112	.06588	.8593	14
47	.5118	.29091	.06595	.8591	13
48	.5120	.29069	.06603	.8590	12
49	.5123	.29048	.06610	.8588	11
50	.5125	.29027	.06618	.8587	10
51	.5128	.29006	.06625	.8585	9
52	.5130	.28985	.06633	.8584	8
53	.5133	.28964	.06640	.8582	7
54	.5135	.28942	.06648	.8581	6
55	.5138	.28921	.06656	.8579	5
56	.5140	.28900	.06663	.8578	4
57	.5143	.28879	.06671	.8576	3
58	.5145	.28858	.06678	.8575	2
59	.5148	.28837	.06686	.8573	1
60	.5150	.28816	.06693	.8572	0
↑	N cos	L sec	L csc	N sin	↑
120 →				← 59	

31 →				← 148	
↓	N sin	L csc	L sec	N cos	↓
0	.5150	.28816	.06693	.8572	60
1	.5153	.28795	.06701	.8570	59
2	.5155	.28774	.06709	.8569	58
3	.5158	.28753	.06716	.8567	57
4	.5160	.28732	.06724	.8566	56
5	.5163	.28711	.06731	.8564	55
6	.5165	.28690	.06739	.8563	54
7	.5168	.28669	.06747	.8561	53
8	.5170	.28648	.06754	.8560	52
9	.5173	.28627	.06762	.8558	51
10	.5175	.28607	.06770	.8557	50
11	.5178	.28586	.06777	.8555	49
12	.5180	.28565	.06785	.8554	48
13	.5183	.28544	.06793	.8552	47
14	.5185	.28523	.06800	.8551	46
15	.5188	.28502	.06808	.8549	45
16	.5190	.28481	.06816	.8548	44
17	.5193	.28461	.06823	.8546	43
18	.5195	.28440	.06831	.8545	42
19	.5198	.28419	.06839	.8543	41
20	.5200	.28398	.06846	.8542	40
21	.5203	.28378	.06854	.8540	39
22	.5205	.28357	.06862	.8539	38
23	.5208	.28336	.06869	.8537	37
24	.5210	.28315	.06877	.8536	36
25	.5213	.28295	.06885	.8534	35
26	.5215	.28274	.06892	.8532	34
27	.5218	.28253	.06900	.8531	33
28	.5220	.28233	.06908	.8529	32
29	.5223	.28212	.06916	.8528	31
30	.5225	.28191	.06923	.8526	30
31	.5227	.28171	.06931	.8525	29
32	.5230	.28150	.06939	.8523	28
33	.5232	.28130	.06947	.8522	27
34	.5235	.28109	.06954	.8520	26
35	.5237	.28089	.06962	.8519	25
36	.5240	.28068	.06970	.8517	24
37	.5242	.28048	.06978	.8516	23
38	.5245	.28027	.06986	.8514	22
39	.5247	.28006	.06993	.8513	21
40	.5250	.27986	.07001	.8511	20
41	.5252	.27966	.07009	.8510	19
42	.5255	.27945	.07017	.8508	18
43	.5257	.27925	.07024	.8507	17
44	.5260	.27904	.07032	.8505	16
45	.5262	.27884	.07040	.8504	15
46	.5265	.27863	.07048	.8502	14
47	.5267	.27843	.07056	.8500	13
48	.5270	.27823	.07064	.8499	12
49	.5272	.27802	.07071	.8497	11
50	.5275	.27782	.07079	.8496	10
51	.5277	.27762	.07087	.8494	9
52	.5279	.27741	.07095	.8493	8
53	.5282	.27721	.07103	.8491	7
54	.5284	.27701	.07111	.8490	6
55	.5287	.27680	.07119	.8488	5
56	.5289	.27660	.07126	.8487	4
57	.5292	.27640	.07134	.8485	3
58	.5294	.27619	.07142	.8484	2
59	.5297	.27599	.07150	.8482	1
60	.5299	.27579	.07158	.8480	0
↑	N cos	L sec	L csc	N sin	↑
121 →				← 58	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

32 →				← 147	
↓	N sin	L csc	L sec	N cos	↓
0	.5299	.27579	.07158	.8480	60
1	.5302	.27559	.07166	.8479	59
2	.5304	.27539	.07174	.8477	58
3	.5307	.27518	.07182	.8476	57
4	.5309	.27498	.07190	.8474	56
5	.5312	.27478	.07197	.8473	55
6	.5314	.27458	.07205	.8471	54
7	.5316	.27438	.07213	.8470	53
8	.5319	.27418	.07221	.8468	52
9	.5321	.27398	.07229	.8467	51
10	.5324	.27378	.07237	.8465	50
11	.5326	.27357	.07245	.8463	49
12	.5329	.27337	.07253	.8462	48
13	.5331	.27317	.07261	.8460	47
14	.5334	.27297	.07269	.8459	46
15	.5336	.27277	.07277	.8457	45
16	.5339	.27257	.07285	.8456	44
17	.5341	.27237	.07293	.8454	43
18	.5344	.27217	.07301	.8453	42
19	.5346	.27197	.07309	.8451	41
20	.5348	.27177	.07317	.8450	40
21	.5351	.27157	.07325	.8448	39
22	.5353	.27137	.07333	.8446	38
23	.5356	.27117	.07341	.8445	37
24	.5358	.27098	.07349	.8443	36
25	.5361	.27078	.07357	.8442	35
26	.5363	.27058	.07365	.8440	34
27	.5366	.27038	.07373	.8439	33
28	.5368	.27018	.07381	.8437	32
29	.5371	.26998	.07389	.8435	31
30	.5373	.26978	.07397	.8434	30
31	.5375	.26959	.07405	.8432	29
32	.5378	.26939	.07413	.8431	28
33	.5380	.26919	.07421	.8429	27
34	.5383	.26899	.07429	.8428	26
35	.5385	.26879	.07437	.8426	25
36	.5388	.26860	.07445	.8425	24
37	.5390	.26840	.07454	.8423	23
38	.5393	.26820	.07462	.8421	22
39	.5395	.26800	.07470	.8420	21
40	.5398	.26781	.07478	.8418	20
41	.5400	.26761	.07486	.8417	19
42	.5402	.26741	.07494	.8415	18
43	.5405	.26722	.07502	.8414	17
44	.5407	.26702	.07510	.8412	16
45	.5410	.26682	.07518	.8410	15
46	.5412	.26663	.07527	.8409	14
47	.5415	.26643	.07535	.8407	13
48	.5417	.26623	.07543	.8406	12
49	.5420	.26604	.07551	.8404	11
50	.5422	.26584	.07559	.8403	10
51	.5424	.26565	.07567	.8401	9
52	.5427	.26545	.07575	.8399	8
53	.5429	.26526	.07584	.8398	7
54	.5432	.26506	.07592	.8396	6
55	.5434	.26487	.07600	.8395	5
56	.5437	.26467	.07608	.8393	4
57	.5439	.26448	.07616	.8391	3
58	.5442	.26428	.07624	.8390	2
59	.5444	.26409	.07633	.8388	1
60	.5446	.26389	.07641	.8387	0
↑	N cos	L sec	L csc	N sin	↑
122 →				← 57	

33 →				← 146	
↓	N sin	L csc	L sec	N cos	↓
0	.5446	.26389	.07641	.8387	60
1	.5449	.26370	.07649	.8385	59
2	.5451	.26350	.07657	.8384	58
3	.5454	.26331	.07665	.8382	57
4	.5456	.26311	.07674	.8380	56
5	.5459	.26292	.07682	.8379	55
6	.5461	.26273	.07690	.8377	54
7	.5463	.26253	.07698	.8376	53
8	.5466	.26234	.07707	.8374	52
9	.5468	.26215	.07715	.8372	51
10	.5471	.26195	.07723	.8371	50
11	.5473	.26176	.07731	.8369	49
12	.5476	.26157	.07740	.8368	48
13	.5478	.26137	.07748	.8366	47
14	.5480	.26118	.07756	.8364	46
15	.5483	.26099	.07765	.8363	45
16	.5485	.26079	.07773	.8361	44
17	.5488	.26060	.07781	.8360	43
18	.5490	.26041	.07789	.8358	42
19	.5493	.26022	.07798	.8356	41
20	.5495	.26003	.07806	.8355	40
21	.5498	.25983	.07814	.8353	39
22	.5500	.25964	.07823	.8352	38
23	.5502	.25945	.07831	.8350	37
24	.5505	.25926	.07839	.8348	36
25	.5507	.25907	.07848	.8347	35
26	.5510	.25887	.07856	.8345	34
27	.5512	.25868	.07864	.8344	33
28	.5515	.25849	.07873	.8342	32
29	.5517	.25830	.07881	.8340	31
30	.5519	.25811	.07889	.8339	30
31	.5522	.25792	.07898	.8337	29
32	.5524	.25773	.07906	.8336	28
33	.5527	.25754	.07914	.8334	27
34	.5529	.25735	.07923	.8332	26
35	.5531	.25716	.07931	.8331	25
36	.5534	.25697	.07940	.8329	24
37	.5536	.25678	.07948	.8328	23
38	.5539	.25659	.07956	.8326	22
39	.5541	.25640	.07965	.8324	21
40	.5544	.25621	.07973	.8323	20
41	.5546	.25602	.07982	.8321	19
42	.5548	.25583	.07990	.8320	18
43	.5551	.25564	.07998	.8318	17
44	.5553	.25545	.08007	.8316	16
45	.5556	.25526	.08015	.8315	15
46	.5558	.25507	.08024	.8313	14
47	.5561	.25488	.08032	.8311	13
48	.5563	.25469	.08041	.8310	12
49	.5565	.25451	.08049	.8308	11
50	.5568	.25432	.08058	.8307	10
51	.5570	.25413	.08066	.8305	9
52	.5573	.25394	.08075	.8303	8
53	.5575	.25375	.08083	.8302	7
54	.5577	.25356	.08092	.8300	6
55	.5580	.25338	.08100	.8299	5
56	.5582	.25319	.08109	.8297	4
57	.5585	.25300	.08117	.8295	3
58	.5587	.25281	.08126	.8294	2
59	.5590	.25263	.08134	.8292	1
60	.5592	.25244	.08143	.8290	0
↑	N cos	L sec	L csc	N sin	↑
123 →				← 56	

34 →				← 145	
↓	N sin	L csc	L sec	N cos	↓
0	.5592	.25244	.08143	.8290	60
1	.5594	.25225	.08151	.8289	59
2	.5597	.25206	.08160	.8287	58
3	.5599	.25188	.08168	.8285	57
4	.5602	.25169	.08177	.8284	56
5	.5604	.25150	.08185	.8282	55
6	.5606	.25132	.08194	.8281	54
7	.5609	.25113	.08202	.8279	53
8	.5611	.25094	.08211	.8277	52
9	.5614	.25076	.08219	.8276	51
10	.5616	.25057	.08228	.8274	50
11	.5618	.25039	.08237	.8272	49
12	.5621	.25020	.08245	.8271	48
13	.5623	.25001	.08254	.8269	47
14	.5626	.24983	.08262	.8268	46
15	.5628	.24964	.08271	.8266	45
16	.5630	.24946	.08280	.8264	44
17	.5633	.24927	.08288	.8263	43
18	.5635	.24909	.08297	.8261	42
19	.5638	.24890	.08305	.8259	41
20	.5640	.24872	.08314	.8258	40
21	.5642	.24853	.08323	.8256	39
22	.5645	.24835	.08331	.8254	38
23	.5647	.24816	.08340	.8253	37
24	.5650	.24798	.08349	.8251	36
25	.5652	.24779	.08357	.8249	35
26	.5654	.24761	.08366	.8248	34
27	.5657	.24742	.08375	.8246	33
28	.5659	.24724	.08383	.8245	32
29	.5662	.24706	.08392	.8243	31
30	.5664	.24687	.08401	.8241	30
31	.5666	.24669	.08409	.8240	29
32	.5669	.24650	.08418	.8238	28
33	.5671	.24632	.08427	.8236	27
34	.5674	.24614	.08435	.8235	26
35	.5676	.24595	.08444	.8233	25
36	.5678	.24577	.08453	.8231	24
37	.5681	.24559	.08462	.8230	23
38	.5683	.24541	.08470	.8228	22
39	.5686	.24522	.08479	.8226	21
40	.5688	.24504	.08488	.8225	20
41	.5690	.24486	.08496	.8223	19
42	.5693	.24467	.08505	.8221	18
43	.5695	.24449	.08514	.8220	17
44	.5698	.24431	.08523	.8218	16
45	.5700	.24413	.08531	.8216	15
46	.5702	.24395	.08540	.8215	14
47	.5705	.24376	.08549	.8213	13
48	.5707	.24358	.08558	.8211	12
49	.5710	.24340	.08567	.8210	11
50	.5712	.24322	.08575	.8208	10
51	.5714	.24304	.08584	.8207	9
52	.5717	.24286	.08593	.8205	8
53	.5719	.24267	.08602	.8203	7
54	.5721	.24249	.08611	.8202	6
55	.5724	.24231	.08619	.8200	5
56	.5726	.24213	.08628	.8198	4
57	.5729	.24195	.08637	.8197	3
58	.5731	.24177	.08646	.8195	2
59	.5733	.24159	.08655	.8193	1
60	.5736	.24141	.08664	.8192	0
↑	N cos	L sec	L csc	N sin	↑
124 →				← 55	

35 →				← 144	
↓	N sin	L csc	L sec	N cos	↓
0	.5736	.24141	.08664	.8192	60
1	.5738	.24123	.08672	.8190	59
2	.5741	.24105	.08681	.8188	58
3	.5743	.24087	.08690	.8187	57
4	.5745	.24069	.08699	.8185	56
5	.5748	.24051	.08708	.8183	55
6	.5750	.24033	.08717	.8181	54
7	.5752	.24015	.08726	.8180	53
8	.5755	.23997	.08734	.8178	52
9	.5757	.23979	.08743	.8176	51
10	.5760	.23961	.08752	.8175	50
11	.5762	.23943	.08761	.8173	49
12	.5764	.23925	.08770	.8171	48
13	.5767	.23907	.08779	.8170	47
14	.5769	.23889	.08788	.8168	46
15	.5771	.23871	.08797	.8166	45
16	.5774	.23854	.08806	.8165	44
17	.5776	.23836	.08815	.8163	43
18	.5779	.23818	.08824	.8161	42
19	.5781	.23800	.08833	.8160	41
20	.5783	.23782	.08842	.8158	40
21	.5786	.23764	.08851	.8156	39
22	.5788	.23747	.08859	.8155	38
23	.5790	.23729	.08868	.8153	37
24	.5793	.23711	.08877	.8151	36
25	.5795	.23693	.08886	.8150	35
26	.5798	.23676	.08895	.8148	34
27	.5800	.23658	.08904	.8146	33
28	.5802	.23640	.08913	.8145	32
29	.5805	.23622	.08922	.8143	31
30	.5807	.23605	.08931	.8141	30
31	.5809	.23587	.08940	.8139	29
32	.5812	.23569	.08949	.8138	28
33	.5814	.23552	.08958	.8136	27
34	.5816	.23534	.08967	.8134	26
35	.5819	.23516	.08977	.8133	25
36	.5821	.23499	.08986	.8131	24
37	.5824	.23481	.08995	.8129	23
38	.5826	.23463	.09004	.8128	22
39	.5828	.23446	.09013	.8126	21
40	.5831	.23428	.09022	.8124	20
41	.5833	.23410	.09031	.8123	19
42	.5835	.23393	.09040	.8121	18
43	.5838	.23375	.09049	.8119	17
44	.5840	.23358	.09058	.8117	16
45	.5842	.23340	.09067	.8116	15
46	.5845	.23323	.09076	.8114	14
47	.5847	.23305	.09085	.8112	13
48	.5850	.23288	.09094	.8111	12
49	.5852	.23270	.09104	.8109	11
50	.5854	.23253	.09113	.8107	10
51	.5857	.23235	.09122	.8106	9
52	.5859	.23218	.09131	.8104	8
53	.5861	.23200	.09140	.8102	7
54	.5864	.23183	.09149	.8100	6
55	.5866	.23165	.09158	.8099	5
56	.5868	.23148	.09168	.8097	4
57	.5871	.23130	.09177	.8095	3
58	.5873	.23113	.09186	.8094	2
59	.5875	.23096	.09195	.8092	1
60	.5878	.23078	.09204	.8090	0
↑	N cos	L sec	L csc	N sin	↑
125 →				← 54	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

36 →				← 143	
↓	N sin	L csc	L sec	N cos	↓
0	.5878	.23078	.09204	.8090	60
1	.5880	.23061	.09213	.8088	59
2	.5883	.23043	.09223	.8087	58
3	.5885	.23026	.09232	.8085	57
4	.5887	.23009	.09241	.8083	56
5	.5890	.22991	.09250	.8082	55
6	.5892	.22974	.09259	.8080	54
7	.5894	.22957	.09269	.8078	53
8	.5897	.22939	.09278	.8076	52
9	.5899	.22922	.09287	.8075	51
10	.5901	.22905	.09296	.8073	50
11	.5904	.22888	.09306	.8071	49
12	.5906	.22870	.09315	.8070	48
13	.5908	.22853	.09324	.8068	47
14	.5911	.22836	.09333	.8066	46
15	.5913	.22819	.09343	.8064	45
16	.5915	.22801	.09352	.8063	44
17	.5918	.22784	.09361	.8061	43
18	.5920	.22767	.09370	.8059	42
19	.5922	.22750	.09380	.8058	41
20	.5925	.22732	.09389	.8056	40
21	.5927	.22715	.09398	.8054	39
22	.5930	.22698	.09408	.8052	38
23	.5932	.22681	.09417	.8051	37
24	.5934	.22664	.09426	.8049	36
25	.5937	.22647	.09435	.8047	35
26	.5939	.22630	.09445	.8045	34
27	.5941	.22613	.09454	.8044	33
28	.5944	.22595	.09463	.8042	32
29	.5946	.22578	.09473	.8040	31
30	.5948	.22561	.09482	.8039	30
31	.5951	.22544	.09491	.8037	29
32	.5953	.22527	.09501	.8035	28
33	.5955	.22510	.09510	.8033	27
34	.5958	.22493	.09520	.8032	26
35	.5960	.22476	.09529	.8030	25
36	.5962	.22459	.09538	.8028	24
37	.5965	.22442	.09548	.8026	23
38	.5967	.22425	.09557	.8025	22
39	.5969	.22408	.09566	.8023	21
40	.5972	.22391	.09576	.8021	20
41	.5974	.22374	.09585	.8019	19
42	.5976	.22357	.09595	.8018	18
43	.5979	.22340	.09604	.8016	17
44	.5981	.22323	.09614	.8014	16
45	.5983	.22306	.09623	.8013	15
46	.5986	.22289	.09632	.8011	14
47	.5988	.22272	.09642	.8009	13
48	.5990	.22256	.09651	.8007	12
49	.5993	.22239	.09661	.8006	11
50	.5995	.22222	.09670	.8004	10
51	.5997	.22205	.09680	.8002	9
52	.6000	.22188	.09689	.8000	8
53	.6002	.22171	.09699	.7999	7
54	.6004	.22154	.09708	.7997	6
55	.6007	.22138	.09718	.7995	5
56	.6009	.22121	.09727	.7993	4
57	.6011	.22104	.09737	.7992	3
58	.6014	.22087	.09746	.7990	2
59	.6016	.22070	.09756	.7988	1
60	.6018	.22054	.09765	.7986	0
↑	N cos	L sec	L csc	N sin	↑
126 →				← 53	

37 →				← 142	
↓	N sin	L csc	L sec	N cos	↓
0	.6018	.22054	.09765	.7986	60
1	.6020	.22037	.09775	.7985	59
2	.6023	.22020	.09784	.7983	58
3	.6025	.22003	.09794	.7981	57
4	.6027	.21987	.09803	.7979	56
5	.6030	.21970	.09813	.7978	55
6	.6032	.21953	.09822	.7976	54
7	.6034	.21937	.09832	.7974	53
8	.6037	.21920	.09841	.7972	52
9	.6039	.21903	.09851	.7971	51
10	.6041	.21887	.09861	.7969	50
11	.6044	.21870	.09870	.7967	49
12	.6046	.21853	.09880	.7965	48
13	.6048	.21837	.09889	.7964	47
14	.6051	.21820	.09899	.7962	46
15	.6053	.21803	.09909	.7960	45
16	.6055	.21787	.09918	.7958	44
17	.6058	.21770	.09928	.7956	43
18	.6060	.21754	.09937	.7955	42
19	.6062	.21737	.09947	.7953	41
20	.6065	.21720	.09957	.7951	40
21	.6067	.21704	.09966	.7949	39
22	.6069	.21687	.09976	.7948	38
23	.6071	.21671	.09986	.7946	37
24	.6074	.21654	.09995	.7944	36
25	.6076	.21638	.10005	.7942	35
26	.6078	.21621	.10015	.7941	34
27	.6081	.21605	.10024	.7939	33
28	.6083	.21588	.10034	.7937	32
29	.6085	.21572	.10044	.7935	31
30	.6088	.21555	.10053	.7934	30
31	.6090	.21539	.10063	.7932	29
32	.6092	.21522	.10073	.7930	28
33	.6095	.21506	.10082	.7928	27
34	.6097	.21490	.10092	.7926	26
35	.6099	.21473	.10102	.7925	25
36	.6101	.21457	.10112	.7923	24
37	.6104	.21440	.10121	.7921	23
38	.6106	.21424	.10131	.7919	22
39	.6108	.21408	.10141	.7918	21
40	.6111	.21391	.10151	.7916	20
41	.6113	.21375	.10160	.7914	19
42	.6115	.21358	.10170	.7912	18
43	.6118	.21342	.10180	.7910	17
44	.6120	.21326	.10190	.7909	16
45	.6122	.21309	.10199	.7907	15
46	.6124	.21293	.10209	.7905	14
47	.6127	.21277	.10219	.7903	13
48	.6129	.21261	.10229	.7902	12
49	.6131	.21244	.10239	.7900	11
50	.6134	.21228	.10248	.7898	10
51	.6136	.21212	.10258	.7896	9
52	.6138	.21195	.10268	.7894	8
53	.6141	.21179	.10278	.7893	7
54	.6143	.21163	.10288	.7891	6
55	.6145	.21147	.10298	.7889	5
56	.6147	.21131	.10307	.7887	4
57	.6150	.21114	.10317	.7885	3
58	.6152	.21098	.10327	.7884	2
59	.6154	.21082	.10337	.7882	1
60	.6157	.21066	.10347	.7880	0
↑	N cos	L sec	L csc	N sin	↑
127 →				← 52	

38 →				← 141	
↓	N sin	L csc	L sec	N cos	↓
0	.6157	.21066	.10347	.7880	60
1	.6159	.21050	.10357	.7878	59
2	.6161	.21033	.10367	.7877	58
3	.6163	.21017	.10376	.7875	57
4	.6166	.21001	.10386	.7873	56
5	.6168	.20985	.10396	.7871	55
6	.6170	.20969	.10406	.7869	54
7	.6173	.20953	.10416	.7868	53
8	.6175	.20937	.10426	.7866	52
9	.6177	.20921	.10436	.7864	51
10	.6180	.20905	.10446	.7862	50
11	.6182	.20889	.10456	.7860	49
12	.6184	.20872	.10466	.7859	48
13	.6186	.20856	.10476	.7857	47
14	.6189	.20840	.10486	.7855	46
15	.6191	.20824	.10496	.7853	45
16	.6193	.20808	.10505	.7851	44
17	.6196	.20792	.10515	.7850	43
18	.6198	.20776	.10525	.7848	42
19	.6200	.20760	.10535	.7846	41
20	.6202	.20744	.10545	.7844	40
21	.6205	.20728	.10555	.7842	39
22	.6207	.20712	.10565	.7841	38
23	.6209	.20696	.10575	.7839	37
24	.6211	.20681	.10585	.7837	36
25	.6214	.20665	.10595	.7835	35
26	.6216	.20649	.10605	.7833	34
27	.6218	.20633	.10615	.7832	33
28	.6221	.20617	.10625	.7830	32
29	.6223	.20601	.10636	.7828	31
30	.6225	.20585	.10646	.7826	30
31	.6227	.20569	.10656	.7824	29
32	.6230	.20553	.10666	.7822	28
33	.6232	.20537	.10676	.7821	27
34	.6234	.20522	.10686	.7819	26
35	.6237	.20506	.10696	.7817	25
36	.6239	.20490	.10706	.7815	24
37	.6241	.20474	.10716	.7813	23
38	.6243	.20458	.10726	.7812	22
39	.6246	.20442	.10736	.7810	21
40	.6248	.20427	.10746	.7808	20
41	.6250	.20411	.10756	.7806	19
42	.6252	.20395	.10767	.7804	18
43	.6255	.20379	.10777	.7802	17
44	.6257	.20364	.10787	.7801	16
45	.6259	.20348	.10797	.7799	15
46	.6262	.20332	.10807	.7797	14
47	.6264	.20316	.10817	.7795	13
48	.6266	.20301	.10827	.7793	12
49	.6268	.20285	.10838	.7792	11
50	.6271	.20269	.10848	.7790	10
51	.6273	.20254	.10858	.7788	9
52	.6275	.20238	.10868	.7786	8
53	.6277	.20222	.10878	.7784	7
54	.6280	.20207	.10888	.7782	6
55	.6282	.20191	.10899	.7781	5
56	.6284	.20175	.10909	.7779	4
57	.6286	.20160	.10919	.7777	3
58	.6289	.20144	.10929	.7775	2
59	.6291	.20128	.10940	.7773	1
60	.6293	.20113	.10950	.7771	0
↑	N cos	L sec	L csc	N sin	↑
128 →				← 51	

39 →				← 140	
↓	N sin	L csc	L sec	N cos	↓
0	.6293	.20113	.10950	.7771	60
1	.6295	.20097	.10960	.7770	59
2	.6298	.20082	.10970	.7768	58
3	.6300	.20066	.10980	.7766	57
4	.6302	.20050	.10991	.7764	56
5	.6305	.20035	.11001	.7762	55
6	.6307	.20019	.11011	.7760	54
7	.6309	.20004	.11022	.7759	53
8	.6311	.19988	.11032	.7757	52
9	.6314	.19973	.11042	.7755	51
10	.6316	.19957	.11052	.7753	50
11	.6318	.19942	.11063	.7751	49
12	.6320	.19926	.11073	.7749	48
13	.6323	.19911	.11083	.7748	47
14	.6325	.19895	.11094	.7746	46
15	.6327	.19880	.11104	.7744	45
16	.6329	.19864	.11114	.7742	44
17	.6332	.19849	.11125	.7740	43
18	.6334	.19834	.11135	.7738	42
19	.6336	.19818	.11145	.7737	41
20	.6338	.19803	.11156	.7735	40
21	.6341	.19787	.11166	.7733	39
22	.6343	.19772	.11176	.7731	38
23	.6345	.19756	.11187	.7729	37
24	.6347	.19741	.11197	.7727	36
25	.6350	.19726	.11207	.7725	35
26	.6352	.19710	.11218	.7724	34
27	.6354	.19695	.11228	.7722	33
28	.6356	.19680	.11239	.7720	32
29	.6359	.19664	.11249	.7718	31
30	.6361	.19649	.11259	.7716	30
31	.6363	.19634	.11270	.7714	29
32	.6365	.19618	.11280	.7713	28
33	.6368	.19603	.11291	.7711	27
34	.6370	.19588	.11301	.7709	26
35	.6372	.19572	.11312	.7707	25
36	.6374	.19557	.11322	.7705	24
37	.6376	.19542	.11332	.7703	23
38	.6379	.19527	.11343	.7701	22
39	.6381	.19511	.11353	.7700	21
40	.6383	.19496	.11364	.7698	20
41	.6385	.19481	.11374	.7696	19
42	.6388	.19466	.11385	.7694	18
43	.6390	.19450	.11395	.7692	17
44	.6392	.19435	.11406	.7690	16
45	.6394	.19420	.11416	.7688	15
46	.6397	.19405	.11427	.7687	14
47	.6399	.19390	.11437	.7685	13
48	.6401	.19375	.11448	.7683	12
49	.6403	.19359	.11458	.7681	11
50	.6406	.19344	.11469	.7679	10
51	.6408	.19329	.11479	.7677	9
52	.6410	.19314	.11490	.7675	8
53	.6412	.19299	.11501	.7674	7
54	.6414	.19284	.11511	.7672	6
55	.6417	.19269	.11522	.7670	5
56	.6419	.19254	.11532	.7668	4
57	.6421	.19238	.11543	.7666	3
58	.6423	.19223	.11553	.7664	2
59	.6426	.19208	.11564	.7662	1
60	.6428	.19193	.11575	.7660	0
↑	N cos	L sec	L csc	N sin	↑
129 →				← 50	

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

40 →					← 139
↓	N sin	L csc	L sec	N cos	↓
0	.6428	.19193	.11575	.7660	60
1	.6430	.19178	.11585	.7659	59
2	.6432	.19163	.11596	.7657	58
3	.6435	.19148	.11606	.7655	57
4	.6437	.19133	.11617	.7653	56
5	.6439	.19118	.11628	.7651	55
6	.6441	.19103	.11638	.7649	54
7	.6443	.19088	.11649	.7647	53
8	.6446	.19073	.11660	.7645	52
9	.6448	.19058	.11670	.7644	51
10	.6450	.19043	.11681	.7642	50
11	.6452	.19028	.11692	.7640	49
12	.6455	.19013	.11702	.7638	48
13	.6457	.18998	.11713	.7636	47
14	.6459	.18983	.11724	.7634	46
15	.6461	.18968	.11734	.7632	45
16	.6463	.18953	.11745	.7630	44
17	.6466	.18939	.11756	.7629	43
18	.6468	.18924	.11766	.7627	42
19	.6470	.18909	.11777	.7625	41
20	.6472	.18894	.11788	.7623	40
21	.6475	.18879	.11799	.7621	39
22	.6477	.18864	.11809	.7619	38
23	.6479	.18849	.11820	.7617	37
24	.6481	.18834	.11831	.7615	36
25	.6483	.18820	.11842	.7613	35
26	.6486	.18805	.11852	.7612	34
27	.6488	.18790	.11863	.7610	33
28	.6490	.18775	.11874	.7608	32
29	.6492	.18760	.11885	.7606	31
30	.6494	.18746	.11895	.7604	30
31	.6497	.18731	.11906	.7602	29
32	.6499	.18716	.11917	.7600	28
33	.6501	.18701	.11928	.7598	27
34	.6503	.18686	.11939	.7596	26
35	.6506	.18672	.11949	.7595	25
36	.6508	.18657	.11960	.7593	24
37	.6510	.18642	.11971	.7591	23
38	.6512	.18628	.11982	.7589	22
39	.6514	.18613	.11993	.7587	21
40	.6517	.18598	.12004	.7585	20
41	.6519	.18583	.12015	.7583	19
42	.6521	.18569	.12025	.7581	18
43	.6523	.18554	.12036	.7579	17
44	.6525	.18539	.12047	.7578	16
45	.6528	.18525	.12058	.7576	15
46	.6530	.18510	.12069	.7574	14
47	.6532	.18495	.12080	.7572	13
48	.6534	.18481	.12091	.7570	12
49	.6536	.18466	.12102	.7568	11
50	.6539	.18451	.12113	.7566	10
51	.6541	.18437	.12123	.7564	9
52	.6543	.18422	.12134	.7562	8
53	.6545	.18408	.12145	.7560	7
54	.6547	.18393	.12156	.7559	6
55	.6550	.18378	.12167	.7557	5
56	.6552	.18364	.12178	.7555	4
57	.6554	.18349	.12189	.7553	3
58	.6556	.18335	.12200	.7551	2
59	.6558	.18320	.12211	.7549	1
60	.6561	.18306	.12222	.7547	0
↑	N cos	L sec	L csc	N sin	↑
130 →				←	49

41 →					← 138
↓	N sin	L csc	L sec	N cos	↓
0	.6561	.18306	.12222	.7547	60
1	.6563	.18291	.12233	.7545	59
2	.6565	.18277	.12244	.7543	58
3	.6567	.18262	.12255	.7541	57
4	.6569	.18248	.12266	.7539	56
5	.6572	.18233	.12277	.7538	55
6	.6574	.18219	.12288	.7536	54
7	.6576	.18204	.12299	.7534	53
8	.6578	.18190	.12310	.7532	52
9	.6580	.18175	.12321	.7530	51
10	.6583	.18161	.12332	.7528	50
11	.6585	.18146	.12343	.7526	49
12	.6587	.18132	.12354	.7524	48
13	.6589	.18118	.12365	.7522	47
14	.6591	.18103	.12376	.7520	46
15	.6593	.18089	.12387	.7518	45
16	.6596	.18074	.12399	.7516	44
17	.6598	.18060	.12410	.7515	43
18	.6600	.18045	.12421	.7513	42
19	.6602	.18031	.12432	.7511	41
20	.6604	.18017	.12443	.7509	40
21	.6607	.18002	.12454	.7507	39
22	.6609	.17988	.12465	.7505	38
23	.6611	.17974	.12476	.7503	37
24	.6613	.17959	.12487	.7501	36
25	.6615	.17945	.12499	.7499	35
26	.6617	.17931	.12510	.7497	34
27	.6620	.17916	.12521	.7495	33
28	.6622	.17902	.12532	.7493	32
29	.6624	.17888	.12543	.7491	31
30	.6626	.17874	.12554	.7490	30
31	.6628	.17859	.12566	.7488	29
32	.6631	.17845	.12577	.7486	28
33	.6633	.17831	.12588	.7484	27
34	.6635	.17816	.12599	.7482	26
35	.6637	.17802	.12610	.7480	25
36	.6639	.17788	.12622	.7478	24
37	.6641	.17774	.12633	.7476	23
38	.6644	.17760	.12644	.7474	22
39	.6646	.17745	.12655	.7472	21
40	.6648	.17731	.12666	.7470	20
41	.6650	.17717	.12678	.7468	19
42	.6652	.17703	.12689	.7466	18
43	.6654	.17689	.12700	.7464	17
44	.6657	.17674	.12712	.7463	16
45	.6659	.17660	.12723	.7461	15
46	.6661	.17646	.12734	.7459	14
47	.6663	.17632	.12745	.7457	13
48	.6665	.17618	.12757	.7455	12
49	.6667	.17604	.12768	.7453	11
50	.6670	.17590	.12779	.7451	10
51	.6672	.17576	.12791	.7449	9
52	.6674	.17561	.12802	.7447	8
53	.6676	.17547	.12813	.7445	7
54	.6678	.17533	.12825	.7443	6
55	.6680	.17519	.12836	.7441	5
56	.6683	.17505	.12847	.7439	4
57	.6685	.17491	.12859	.7437	3
58	.6687	.17477	.12870	.7435	2
59	.6689	.17463	.12881	.7433	1
60	.6691	.17449	.12893	.7431	0
↑	N cos	L sec	L csc	N sin	↑
131 →				←	48

42 →					← 137
↓	N sin	L csc	L sec	N cos	↓
0	.6691	.17449	.12893	.7431	60
1	.6693	.17435	.12904	.7430	59
2	.6696	.17421	.12915	.7428	58
3	.6698	.17407	.12927	.7426	57
4	.6700	.17393	.12938	.7424	56
5	.6702	.17379	.12950	.7422	55
6	.6704	.17365	.12961	.7420	54
7	.6706	.17351	.12972	.7418	53
8	.6709	.17337	.12984	.7416	52
9	.6711	.17323	.12995	.7414	51
10	.6713	.17309	.13007	.7412	50
11	.6715	.17295	.13018	.7410	49
12	.6717	.17281	.13030	.7408	48
13	.6719	.17267	.13041	.7406	47
14	.6722	.17253	.13053	.7404	46
15	.6724	.17239	.13064	.7402	45
16	.6726	.17225	.13076	.7400	44
17	.6728	.17212	.13087	.7398	43
18	.6730	.17198	.13098	.7396	42
19	.6732	.17184	.13110	.7394	41
20	.6734	.17170	.13121	.7392	40
21	.6737	.17156	.13133	.7390	39
22	.6739	.17142	.13145	.7388	38
23	.6741	.17128	.13156	.7387	37
24	.6743	.17115	.13168	.7385	36
25	.6745	.17101	.13179	.7383	35
26	.6747	.17087	.13191	.7381	34
27	.6749	.17073	.13202	.7379	33
28	.6752	.17059	.13214	.7377	32
29	.6754	.17045	.13225	.7375	31
30	.6756	.17032	.13237	.7373	30
31	.6758	.17018	.13248	.7371	29
32	.6760	.17004	.13260	.7369	28
33	.6762	.16990	.13272	.7367	27
34	.6764	.16977	.13283	.7365	26
35	.6767	.16963	.13295	.7363	25
36	.6769	.16949	.13306	.7361	24
37	.6771	.16935	.13318	.7359	23
38	.6773	.16922	.13330	.7357	22
39	.6775	.16908	.13341	.7355	21
40	.6777	.16894	.13353	.7353	20
41	.6779	.16880	.13365	.7351	19
42	.6782	.16867	.13376	.7349	18
43	.6784	.16853	.13388	.7347	17
44	.6786	.16839	.13400	.7345	16
45	.6788	.16826	.13411	.7343	15
46	.6790	.16812	.13423	.7341	14
47	.6792	.16798	.13435	.7339	13
48	.6794	.16785	.13446	.7337	12
49	.6797	.16771	.13458	.7335	11
50	.6799	.16758	.13470	.7333	10
51	.6801	.16744	.13482	.7331	9
52	.6803	.16730	.13493	.7329	8
53	.6805	.16717	.13505	.7327	7
54	.6807	.16703	.13517	.7325	6
55	.6809	.16690	.13528	.7323	5
56	.6811	.16676	.13540	.7321	4
57	.6814	.16662	.13552	.7319	3
58	.6816	.16649	.13564	.7318	2
59	.6818	.16635	.13575	.7316	1
60	.6820	.16622	.13587	.7314	0
↑	N cos	L sec	L csc	N sin	↑
132 →				←	47

43 →					← 136
↓	N sin	L csc	L sec	N cos	↓
0	.6820	.16622	.13587	.7314	60
1	.6822	.16608	.13599	.7312	59
2	.6824	.16595	.13611	.7310	58
3	.6826	.16581	.13623	.7308	57
4	.6828	.16568	.13634	.7306	56
5	.6831	.16554	.13646	.7304	55
6	.6833	.16541	.13658	.7302	54
7	.6835	.16527	.13670	.7300	53
8	.6837	.16514	.13682	.7298	52
9	.6839	.16500	.13694	.7296	51
10	.6841	.16487	.13705	.7294	50
11	.6843	.16473	.13717	.7292	49
12	.6845	.16460	.13729	.7290	48
13	.6848	.16446	.13741	.7288	47
14	.6850	.16433	.13753	.7286	46
15	.6852	.16419	.13765	.7284	45
16	.6854	.16406	.13777	.7282	44
17	.6856	.16392	.13789	.7280	43
18	.6858	.16379	.13800	.7278	42
19	.6860	.16366	.13812	.7276	41
20	.6862	.16352	.13824	.7274	40
21	.6865	.16339	.13836	.7272	39
22	.6867	.16326	.13848	.7270	38
23	.6869	.16312	.13860	.7268	37
24	.6871	.16299	.13872	.7266	36
25	.6873	.16285	.13884	.7264	35
26	.6875	.16272	.13896	.7262	34
27	.6877	.16259	.13908	.7260	33
28	.6879	.16245	.13920	.7258	32
29	.6881	.16232	.13932	.7256	31
30	.6884	.16219	.13944	.7254	30
31	.6886	.16205	.13956	.7252	29
32	.6888	.16192	.13968	.7250	28
33	.6890	.16179	.13980	.7248	27
34	.6892	.16166	.13992	.7246	26
35	.6894	.16152	.14004	.7244	25
36	.6896	.16139	.14016	.7242	24
37	.6898	.16126	.14028	.7240	23
38	.6900	.16113	.14040	.7238	22
39	.6903	.16099	.14052	.7236	21
40	.6905	.16086	.14064	.7234	20
41	.6907	.16073	.14076	.7232	19
42	.6909	.16060	.14088	.7230	18
43	.6911	.16046	.14100	.7228	17
44	.6913	.16033	.14112	.7226	16
45	.6915	.16020	.14124	.7224	15
46	.6917	.16007	.14136	.7222	14
47	.6919	.15994	.14149	.7220	13
48	.6921	.15980	.14161	.7218	12
49	.6924	.15967	.14173	.7216	11
50	.6926	.15954	.14185	.7214	10
51	.6928	.15941	.14197	.7212	9
52	.6930	.15928	.14209	.7210	8
53	.6932	.15915	.14221	.7208	7
54	.6934	.15902	.14234	.7206	6
55	.6936	.15888	.14246	.7203	5
56	.6938	.15875	.14258	.7201	4
57	.6940	.15862	.14270	.7199	3
58	.6942	.15849	.14282	.7197	2
59	.6944	.15836	.14294	.7195	1
60	.6947	.15823	.14307	.7193	0
↑	N cos	L sec	L csc	N sin	↑
133 →				←	46

NATURAL (N) AND LOGARITHMS (L) OF TRIGONOMETRIC FUNCTIONS TABLE FOR SIGHT REDUCTION

44 →					← 135
↓	N sin	L csc	L sec	N cos	↓
0	**.6947**	.15823	.14307	**.7193**	60
1	**.6949**	.15810	.14319	**.7191**	59
2	**.6951**	.15797	.14331	**.7189**	58
3	**.6953**	.15784	.14343	**.7187**	57
4	**.6955**	.15771	.14355	**.7185**	56
5	**.6957**	.15758	.14368	**.7183**	55
6	**.6959**	.15745	.14380	**.7181**	54
7	**.6961**	.15731	.14392	**.7179**	53
8	**.6963**	.15718	.14404	**.7177**	52
9	**.6965**	.15705	.14417	**.7175**	51
10	**.6967**	.15692	.14429	**.7173**	50
11	**.6970**	.15679	.14441	**.7171**	49
12	**.6972**	.15666	.14453	**.7169**	48
13	**.6974**	.15653	.14466	**.7167**	47
14	**.6976**	.15640	.14478	**.7165**	46
15	**.6978**	.15627	.14490	**.7163**	45
16	**.6980**	.15615	.14503	**.7161**	44
17	**.6982**	.15602	.14515	**.7159**	43
18	**.6984**	.15589	.14527	**.7157**	42
19	**.6986**	.15576	.14540	**.7155**	41
20	**.6988**	.15563	.14552	**.7153**	40
21	**.6990**	.15550	.14564	**.7151**	39
22	**.6992**	.15537	.14577	**.7149**	38
23	**.6995**	.15524	.14589	**.7147**	37
24	**.6997**	.15511	.14601	**.7145**	36
25	**.6999**	.15498	.14614	**.7143**	35
26	**.7001**	.15485	.14626	**.7141**	34
27	**.7003**	.15472	.14639	**.7139**	33
28	**.7005**	.15460	.14651	**.7137**	32
29	**.7007**	.15447	.14663	**.7135**	31
30	**.7009**	.15434	.14676	**.7133**	30
31	**.7011**	.15421	.14688	**.7130**	29
32	**.7013**	.15408	.14701	**.7128**	28
33	**.7015**	.15395	.14713	**.7126**	27
34	**.7017**	.15382	.14726	**.7124**	26
35	**.7019**	.15370	.14738	**.7122**	25
36	**.7022**	.15357	.14750	**.7120**	24
37	**.7024**	.15344	.14763	**.7118**	23
38	**.7026**	.15331	.14775	**.7116**	22
39	**.7028**	.15318	.14788	**.7114**	21
40	**.7030**	.15306	.14800	**.7112**	20
41	**.7032**	.15293	.14813	**.7110**	19
42	**.7034**	.15280	.14825	**.7108**	18
43	**.7036**	.15267	.14838	**.7106**	17
44	**.7038**	.15255	.14850	**.7104**	16
45	**.7040**	.15242	.14863	**.7102**	15
46	**.7042**	.15229	.14875	**.7100**	14
47	**.7044**	.15216	.14888	**.7098**	13
48	**.7046**	.15204	.14900	**.7096**	12
49	**.7048**	.15191	.14913	**.7094**	11
50	**.7050**	.15178	.14926	**.7092**	10
51	**.7053**	.15165	.14938	**.7090**	9
52	**.7055**	.15153	.14951	**.7088**	8
53	**.7057**	.15140	.14963	**.7085**	7
54	**.7059**	.15127	.14976	**.7083**	6
55	**.7061**	.15115	.14988	**.7081**	5
56	**.7063**	.15102	.15001	**.7079**	4
57	**.7065**	.15089	.15014	**.7077**	3
58	**.7067**	.15077	.15026	**.7075**	2
59	**.7069**	.15064	.15039	**.7073**	1
60	**.7071**	.15051	.15051	**.7071**	0
↑	N cos	L sec	L csc	N sin	↑
134 →				← 45	