

M	Sin. o.		Tang. o.		
0	0.000000	10.000000	10.000000	1. finitum.	60
1	6.4637260	9.9999999	6.4637260	13.5362739	59
2	6.7647560	9.9999999	6.7647561	13.2352438	58
3	6.9408473	9.9999998	6.9408474	13.0591525	57
4	7.0657860	9.9999997	7.0657863	12.9342136	56
5	7.1626959	9.9999995	7.1626964	12.9373035	55
6	7.2418771	9.9999993	7.2418778	12.7582221	54
7	7.3088238	9.9999991	7.3088247	12.6911752	53
8	7.3608157	9.9999988	7.3608169	12.6331831	52
9	7.4179681	9.9999985	7.4179696	12.5820303	51
10	7.4637253	9.9999981	7.4637273	12.5362726	50
11	7.5051180	9.9999977	7.5051202	12.4948797	49
12	7.5429064	9.9999973	7.5429091	12.4570908	48
13	7.6776684	9.9999969	7.5776715	12.4223284	47
14	7.5098529	9.9999964	7.6098565	12.3901434	46
15	7.6398160	9.9999958	7.6398201	12.3601798	45
16	7.6678445	9.9999953	7.6678402	12.3321507	44
17	7.6941722	9.9999947	7.6941785	12.3058214	43
18	7.7189966	9.9999940	7.7180026	12.2819974	42
19	7.7424775	9.9999933	7.7424841	12.2575158	41
20	7.7647536	9.9999926	7.7647610	12.2353262	40
21	7.7859427	9.9999919	7.7859508	12.2140491	39
22	7.8061458	9.9999911	7.8061547	12.1938452	38
23	7.8254507	9.9999902	7.8254604	12.1745395	37
24	7.8409238	9.9999894	7.8439444	12.1560556	36
25	7.8616623	9.9999885	7.8616738	12.1382389	35
26	7.8786953	9.9999875	7.8787077	12.1212922	34
27	7.8950854	9.9999866	7.8950988	12.1049012	33
28	7.9108793	9.9999856	7.9108937	12.0891062	32
29	7.9261189	9.9999845	7.9261344	12.0738656	31
30	7.9408418	9.9999834	7.9408584	12.0591416	30
		Sin. 89.		Tang. 89.	M

M	Sin. o.		Tang. o.		
30	7.7408418	9.9999834	7.9408584	12.0591416	30
31	7.9550819	9.9999823	7.9550996	12.0449004	29
32	7.9688698	9.9999812	7.9688886	12.0311113	28
33	7.9822333	9.9999800	7.9822534	12.0177465	27
34	7.9951979	9.9999787	7.9952192	12.0047808	26
35	8.0077866	9.9999774	8.0078091	11.9921908	25
36	8.0200206	9.9999761	8.0200445	11.9799555	24
37	8.0319194	9.9999748	8.0319446	11.9680553	23
38	8.0435008	9.9999734	8.0435274	11.9564726	22
39	8.0547814	9.9999720	8.0548193	11.9451806	21
40	8.0657763	9.9999706	8.0658057	11.9341942	20
41	8.0764996	9.9999691	8.0765305	11.9234694	19
42	8.0869646	9.9999675	8.0869970	11.9130029	18
43	8.0971832	9.9999660	8.0972172	11.9027827	17
44	8.1071669	9.9999644	8.1072020	11.8927975	16
45	8.1169262	9.9999628	8.1169634	11.8830365	15
46	8.1264709	9.9999611	8.1265098	11.8734901	14
47	8.1358104	9.9999594	8.1358510	11.8641489	13
48	8.1449532	9.9999576	8.1449955	11.8550044	12
49	8.1539075	9.9999558	8.1539516	11.8460483	11
50	8.1626808	9.9999540	8.1627367	11.8372632	10
51	8.1712803	9.9999522	8.1713281	11.8286618	9
52	8.1797129	9.9999503	8.1797626	11.8201374	8
53	8.1879847	9.9999484	8.1880363	11.8119636	7
54	8.1961020	9.9999464	8.1961555	11.8038444	6
55	8.2040702	9.9999444	8.2041258	11.7958741	5
56	8.2118949	9.9999423	8.2119525	11.7880474	4
57	8.2195810	9.9999403	8.2196407	11.7803592	3
58	8.2271335	9.9999382	8.2271953	11.7728046	2
59	8.2345568	9.9999360	8.2345207	11.7653792	1
60	8.2418053	9.9999338	8.2419214	11.7580785	0
		Sin. 89.		Tang. 89.	M

M	Sin. I.		Tang. I.		
0	8.2418553	9.9999338	8.2419214	11.7580785	60
1	8.2490331	9.9999316	8.2491015	11.7508984	59
2	8.2560942	9.9999291	8.2561649	11.7438351	58
3	8.2630423	9.9999270	8.2631152	11.7368847	57
4	8.2698810	9.9999247	8.2699562	11.7300437	56
5	8.2766136	9.9999223	8.2766912	11.7233087	55
6	8.2832433	9.9999200	8.2833234	11.7166765	54
7	8.2897734	9.9999175	8.2898559	11.7101440	53
8	8.2962067	9.9999150	8.2962916	11.7037083	52
9	8.3025460	9.9999125	8.3026335	11.6973664	51
10	8.3087941	9.9999099	8.3088842	11.6911158	50
11	8.3149535	9.9999073	8.3150462	11.6849537	49
12	8.3210268	9.9999047	8.3211221	11.6788778	48
13	8.3270163	9.9999020	8.3271142	11.6728857	47
14	8.3329243	9.9998993	8.3330249	11.6669750	46
15	8.3387529	9.9998966	8.3388563	11.6611437	45
16	8.3445043	9.9998938	8.3446104	11.6553895	44
17	8.3501805	9.9998910	8.3502894	11.6497106	43
18	8.3557834	9.9998882	8.3558952	11.6441047	42
19	8.3613149	9.9998853	8.3614296	11.6385703	41
20	8.3667769	9.9998823	8.3668945	11.6331054	40
21	8.3721709	9.9998794	8.3722915	11.6277084	39
22	8.3774988	9.9998764	8.3776223	11.6223776	38
23	8.3827620	9.9998734	8.3828886	11.6171113	37
24	8.3879621	9.9998703	8.3880918	11.6119081	36
25	8.3931007	9.9998672	8.3932335	11.6067664	35
26	8.3981792	9.9998641	8.3983151	11.6016848	34
27	8.4031990	9.9998609	8.4033381	11.5966619	33
28	8.4081613	9.9998576	8.4083036	11.5916963	32
29	8.4130676	9.9998544	8.4132131	11.5867868	31
30	8.4179190	9.9998511	8.4180678	11.5819321	30
		Sin. 83.		Tang. 88.	M

M	Sin. I.		Tang. I.		
30	8.4179190	9.9998511	8.4180678	11.5819321	30
31	8.4227168	9.9998788	8.4228689	11.5771310	29
32	8.4274621	9.9998444	8.4276176	11.5723823	28
33	8.4321561	9.9998410	8.4323150	11.5676849	27
34	8.4367998	9.9998376	8.4369622	11.5630377	26
35	8.4413944	9.9998341	8.4415603	11.5584397	25
36	8.4459409	9.9998306	8.4461102	11.5538897	24
37	8.4504402	9.9998271	8.4506131	11.5493868	23
38	8.4548933	9.9998235	8.4550698	11.5449301	22
39	8.4593012	9.9998199	8.4594814	11.5405186	21
40	8.4636648	9.9998162	8.4638486	11.5361513	20
41	8.4679850	9.9998125	8.4681724	11.5318275	19
42	8.4722625	9.9998088	8.4724537	11.5275462	18
43	8.4764983	9.9998050	8.4766933	11.5233066	17
44	8.4806932	9.9998012	8.4808919	11.5191080	16
45	8.4848478	9.9997974	8.4850505	11.5149495	15
46	8.4889631	9.9997935	8.4891696	11.5108303	14
47	8.4930397	9.9997896	8.4932501	11.5067498	13
48	8.4970784	9.9997856	8.4972927	11.5027072	12
49	8.5010798	9.9997816	8.5012981	11.4987018	11
50	8.5050446	9.9997776	8.5052670	11.4947329	10
51	8.5089736	9.9997735	8.5092000	11.4907999	9
52	8.5128673	9.9997694	8.5130978	11.4869021	8
53	8.5167263	9.9997653	8.5169610	11.4830389	7
54	8.5205513	9.9997611	8.5207502	11.4792098	6
55	8.5243429	9.9997569	8.5245860	11.4754140	5
56	8.5281016	9.9997527	8.5283489	11.4716510	4
57	8.5318281	9.9997484	8.5320797	11.4679203	3
58	8.5355228	9.9997441	8.5357787	11.4642212	2
59	8.5391863	9.9997397	8.5394466	11.4605534	1
60	8.5428191	9.9997353	8.5430838	11.4569162	0
		Sin. 88.		Tang. 88.	M

M	Sin. 2.		Tang. 2.		
0	8.5428191	9.9997353	8.5430838	11.4569162	60
1	8.5464217	9.9997309	8.5466908	11.45333091	59
2	8.5499947	9.9997264	8.5503683	11.4497317	58
3	8.5535385	9.9997219	8.5538166	11.4461834	57
4	8.5570536	9.9997174	8.5573362	11.4426637	56
5	8.5605404	9.9997128	8.5608276	11.4391724	55
6	8.5639994	9.9997082	8.5642912	11.4357088	54
7	8.5674310	9.9997035	8.5677274	11.4322725	53
8	8.5708357	9.9996988	8.5711368	11.4288631	52
9	8.5742139	9.9996941	8.5745197	11.4254802	51
10	8.5775659	9.9996894	8.5778765	11.4221234	50
11	8.5808923	9.9996846	8.5812076	11.4187923	49
12	8.5841933	9.9996797	8.5845135	11.4154864	48
13	8.5874694	9.9996749	8.5877945	11.4122054	47
14	8.5907209	9.9996700	8.5910509	11.4089490	46
15	8.5939482	9.9996650	8.5943832	11.4057167	45
16	8.5971517	9.9996600	8.5974916	11.4025083	44
17	8.6003317	9.9996550	8.6006766	11.3993233	43
18	8.6034885	9.9996499	8.6038385	11.3961614	42
19	8.6066225	9.9996449	8.6069776	11.3930223	41
20	8.6097341	9.9996397	8.6100943	11.3899056	40
21	8.6128234	9.9996346	8.6131888	11.3868111	39
22	8.6158909	9.9996294	8.6162615	11.3837384	38
23	8.6189369	9.9996241	8.6193127	11.3806872	37
24	8.6219616	9.9996188	8.6223427	11.3776572	36
25	8.6249653	9.9996135	8.6253517	11.3746482	35
26	8.6279484	9.9996082	8.6283402	11.3716598	34
27	8.6309111	9.9996028	8.6313082	11.3686917	33
28	8.6338536	9.9995974	8.6342562	11.3657437	32
29	8.6367763	9.9995919	8.6371844	11.3628155	31
30	8.6396795	9.9995864	8.6400931	11.3599068	30
		Sin. 87.		Tang. 87.	M

M	Sin. 2.		Tang. 2.		
30	8.6396795	9.9995864	8.6400931	11.3599068	30
31	8.6425694	9.9995809	8.6429823	11.3570175	29
32	8.6454282	9.9995753	8.6458528	11.3541471	28
33	8.6482741	9.9995697	8.6487044	11.3512955	27
34	8.6511015	9.9995640	8.6515375	11.3484625	26
35	8.6539106	9.9995584	8.6543522	11.3456477	25
36	8.6567016	9.9995527	8.6571489	11.3428516	24
37	8.6594748	9.9995469	8.6599278	11.3400721	23
38	8.6622303	9.9995411	8.6626891	11.3373102	22
39	8.6649684	9.9995353	8.6654330	11.3345666	21
40	8.6676893	9.9995294	8.6681598	11.3318402	20
41	8.6703932	9.9995235	8.6708696	11.3291308	19
42	8.6730803	9.9995176	8.6735627	11.3264372	18
43	8.6757510	9.9995116	8.6762393	11.3237606	17
44	8.6784052	9.9995056	8.6788996	11.3211003	16
45	8.6810433	9.9994995	8.6815437	11.3184562	15
46	8.6836654	9.9994934	8.6841719	11.3158280	14
47	8.6862717	9.9994873	8.6867844	11.3132153	13
48	8.6888625	9.9994812	8.6893813	11.3106186	12
49	8.6914378	9.9994750	8.6919628	11.3080371	11
50	8.6939980	9.9994687	8.6945292	11.3054707	10
51	8.6965431	9.9994625	8.6970806	11.3029193	9
52	8.6990733	9.9994561	8.6996171	11.3003828	8
53	8.7015889	9.9994498	8.7021390	11.2978609	7
54	8.7040899	9.9994434	8.7046464	11.2953535	6
55	8.7065765	9.9994370	8.7071395	11.2928604	5
56	8.7090490	9.9994306	8.7096184	11.2903815	4
57	8.7115074	9.9994241	8.7120833	11.2879166	3
58	8.7139520	9.9994175	8.7145345	11.2854655	2
59	8.7163829	9.9994109	8.7169719	11.2830281	1
60	8.7188001	9.9994044	8.7193957	11.2806042	0
		Sin. 87.		Tang. 87.	M

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M	Sin. 3.		Tang. 3.		
0	8.7188001	9.9994044	8.7193957	11.2806042	60
1	8.7212040	9.9993977	8.7218062	11.2781937	59
2	8.7235946	9.9993910	8.7242035	11.2757964	58
3	8.7259720	9.9993843	8.7265877	11.2734123	57
4	8.7283365	9.9993776	8.7289589	11.2710410	56
5	8.7306882	9.9993708	8.7313173	11.2686826	55
6	8.7330271	9.9993640	8.7336631	11.2663368	54
7	8.7353535	9.9993571	8.7359964	11.2640036	53
8	8.7376674	9.9993502	8.7383172	11.2616827	52
9	8.7399691	9.9993433	8.7406258	11.2593742	51
10	8.7422586	9.9993363	8.7429222	11.2570777	50
11	8.7445360	9.9993293	8.7452066	11.2547933	49
12	8.7468015	9.9993223	8.7474792	11.2525207	48
13	8.7490552	9.9993152	8.7497400	11.2502599	47
14	8.7512973	9.9993081	8.7519892	11.2480107	46
15	8.7535278	9.9993009	8.7542268	11.2457731	45
16	8.7557468	9.9992937	8.7564531	11.2435468	44
17	8.7578575	9.9992865	8.7586681	11.2413319	43
18	8.7601511	9.9992792	8.7608719	11.2391280	42
19	8.7623366	9.9992719	8.7630646	11.2369353	41
20	8.7645111	9.9992646	8.7652464	11.2347535	40
21	8.7666747	9.9992572	8.7674174	11.2325825	39
22	8.7688275	9.9992498	8.7695777	11.2304222	38
23	8.7709697	9.9992423	8.7717273	11.2282726	37
24	8.7731013	9.9992349	8.7738664	11.2261335	36
25	8.7752215	9.9992273	8.7759952	11.2240048	35
26	8.7773334	9.9992198	8.7781135	11.2218864	34
27	8.7794340	9.9992122	8.7802217	11.2197782	33
28	8.7815244	9.9992045	8.7823198	11.2176801	32
29	8.7836048	9.9991969	8.7844079	11.2155920	31
30	8.7856752	9.9991892	8.7864860	11.2135139	30
		Sin. 86.		Tang. 86.	M

M	Sin. 3.		Tang. 3.		
30	8.7856752	9.9991892	8.7894860	11.2135139	30
29	8.7877358	9.9991814	8.7885544	11.2114455	29
28	8.7897866	9.9991736	8.7906130	11.2093869	28
27	8.7918278	9.9991658	8.7926619	11.2073380	27
26	8.7938593	9.9991580	8.7947013	11.2052986	26
25	8.7958814	9.9991501	8.7967313	11.2032686	25
24	8.7978940	9.9991421	8.7987519	11.2012480	24
23	8.7998974	9.9991342	8.8007632	11.1992368	23
22	8.8018915	9.9991262	8.8027653	11.1972347	22
21	8.8038794	9.9991181	8.8047582	11.1952417	21
20	8.8058523	9.9991100	8.8067422	11.1932577	20
19	8.8078192	9.9991019	8.8087172	11.1912827	19
18	8.8097772	9.9990938	8.8106834	11.1893166	18
17	8.8117263	9.9990856	8.8126407	11.1873592	17
16	8.8136667	9.9990774	8.8145893	11.1854106	16
15	8.8155985	9.9990691	8.8165293	11.1834706	15
14	8.8175216	9.9990608	8.8184608	11.1815391	14
13	8.8194363	9.9990525	8.8203838	11.1796161	13
12	8.8213425	9.9990441	8.8222984	11.1777016	12
11	8.8232403	9.9990357	8.8242046	11.1757953	11
10	8.8251299	9.9990272	8.8261026	11.1738973	10
9	8.8270112	9.9990188	8.8279924	11.1720075	9
8	8.8288843	9.9990102	8.8298741	11.1701258	8
7	8.8307494	9.9990017	8.8317477	11.1682522	7
6	8.8326065	9.9989931	8.8336134	11.1663865	6
5	8.8344557	9.9989844	8.8354712	11.1645287	5
4	8.8362969	9.9989758	8.8373211	11.1626788	4
3	8.8381304	9.9989671	8.8391632	11.1608367	3
2	8.8399560	9.9989583	8.8409977	11.1590022	2
1	8.8417741	9.9989496	8.8428245	11.1571754	1
0	8.8435845	9.9989407	8.8446437	11.1553562	0
		Sin. 86.		Tang. 86.	M

M	Sin. 4.		Tang. 4.		
0	8.8438545	9.9989408	8.8446437	11.1553562	60
1	8.8453873	9.9989319	8.8464552	11.1535455	59
2	8.8471827	9.9989230	8.8482597	11.1517403	58
3	8.8487906	9.9989141	8.8500565	11.1499934	57
4	8.8507512	9.9989051	8.8518460	11.1481539	56
5	8.8525245	9.9988961	8.8536283	11.1463716	55
6	8.8542905	9.9988871	8.8554034	11.1445966	54
7	8.8560493	9.9988780	8.8571713	11.1428286	53
8	8.8578010	9.9988689	8.8589321	11.1410678	52
9	8.8595476	9.9988597	8.8606858	11.1393141	51
10	8.8612832	9.9988506	8.8624326	11.1375673	50
11	8.8630139	9.9988413	8.8641725	11.1358274	49
12	8.8647376	9.9988321	8.8659055	11.1340944	48
13	8.8664545	9.9988228	8.8676317	11.1323682	47
14	8.8681646	9.9988135	8.8693511	11.1306488	46
15	8.8698679	9.9988041	8.8710638	11.1289361	45
16	8.8716646	9.9987947	8.8727699	11.1272300	44
17	8.8732546	9.9987852	8.8744693	11.1255306	43
18	8.8749380	9.9987758	8.8761622	11.1238377	42
19	8.8766149	9.9987662	8.8778487	11.1221513	41
20	8.8782853	9.9987567	8.8795286	11.1204713	40
21	8.8799493	9.9987471	8.8812022	11.1187978	39
22	8.8816069	9.9987375	8.8828694	11.1171305	38
23	8.8832581	9.9987278	8.8845303	11.1154696	37
24	8.8849031	9.9987181	8.8861849	11.1138150	36
25	8.8865418	9.9987083	8.8878334	11.1121660	35
26	8.8881743	9.9986986	8.8894756	11.1105243	34
27	8.8898006	9.9986888	8.8911118	11.1088881	33
28	8.8914209	9.9986789	8.8927420	11.1072580	32
29	8.8930351	9.9986690	8.8943660	11.1056339	31
30	8.8946433	9.9986591	8.8959841	11.1040158	30
		Sin. 85.		Tang. 85.	M

M	Sin. 4.		Tang. 4.		
30	8.8962455	9.9986492	8.8975953	11.1024036	29
31	8.8978417	9.9986391	8.8992026	11.1007973	28
32	8.8994322	9.9986291	8.9008030	11.0991969	27
33	8.9010167	9.9986190	8.9023977	11.0976022	26
34	8.9025955	9.9986089	8.9039866	11.0960134	25
35					
36	8.9041685	9.9985988	8.9055697	11.0944302	24
37	8.9057358	9.9985886	8.9071472	11.0928527	23
38	8.9072974	9.9985784	8.9087190	11.0912809	22
39	8.9088534	9.9985681	8.9102853	11.0897146	21
40	8.9104038	9.9985578	8.9118460	11.0881539	20
41	8.9119487	9.9985475	8.9134012	11.0865988	19
42	8.9134880	9.9985371	8.9149508	11.0850491	18
43	8.9150219	9.9985267	8.9164951	11.0835048	17
44	8.9165503	9.9985163	8.9180340	11.0819659	16
45	8.9180733	9.9985058	8.9195675	11.0804324	15
46	8.9195910	9.9984953	8.9210957	11.0789042	14
47	8.9211034	9.9984847	8.9226186	11.0773813	13
48	8.9226104	9.9984742	8.9241362	11.0758637	12
49	8.9241122	9.9984635	8.9256487	11.0743512	11
50	8.9256089	9.9984528	8.9271561	11.0728439	10
51	8.9271003	9.9984422	8.9286581	11.0713418	9
52	8.9285866	9.9984314	8.9301551	11.0698448	8
53	8.9300678	9.9984206	8.9316471	11.0683528	7
54	8.9315439	9.9984098	8.9331340	11.0668659	6
55	8.9330150	9.9983990	8.9346160	11.0653840	5
56	8.9344810	9.9983881	8.9360929	11.0639070	4
57	8.9359421	9.9983772	8.9375649	11.0624350	3
58	8.9373983	9.9983662	8.9390321	11.0609678	2
59	8.9388496	9.9983552	8.9404943	11.0595056	1
60	8.9402960	9.9983442	8.9419517	11.0580482	0
		Sin. 85.		Tang. 85.	M

M	Sin. 5.		Tang. 5.		
0	8.9402960	9.9983442	8.9419517	11.0550482	60
1	8.9417379	9.9983331	8.9434044	11.0565955	59
2	8.9431743	9.9983220	8.9448522	11.0581477	58
3	8.9446063	9.9983109	8.9462954	11.0597046	57
4	8.9460335	9.9982997	8.9477338	11.0612661	56
5	8.9474560	9.9982885	8.9491675	11.0628324	55
6	8.9488739	9.9982772	8.9505966	11.0644033	54
7	8.9502871	9.9982659	8.9520211	11.0659788	53
8	8.9516956	9.9982546	8.9534410	11.0675589	52
9	8.9530996	9.9982432	8.9548564	11.0691436	51
10	8.9544990	9.9982318	8.9562672	11.0707327	50
11	8.9558939	9.9982204	8.9576735	11.0723264	49
12	8.9572843	9.9982089	8.9590754	11.0739245	48
13	8.9586702	9.9981974	8.9604728	11.0755271	47
14	8.9600517	9.9981858	8.9618658	11.0771341	46
15	8.9614287	9.9981742	8.9632544	11.0787455	45
16	8.9628013	9.9981626	8.9646387	11.0803612	44
17	8.9641696	9.9981509	8.9660187	11.0819812	43
18	8.9655337	9.9981392	8.9673944	11.0836055	42
19	8.9668934	9.9981275	8.9687658	11.0852341	41
20	8.9682488	9.9981157	8.9701330	11.0868669	40
21	8.9695998	9.9981039	8.9714949	11.0885050	39
22	8.9709467	9.9980921	8.9728546	11.0901483	38
23	8.9722894	9.9980802	8.9742092	11.0917967	37
24	8.9736280	9.9980682	8.9755597	11.0934402	36
25	8.9749624	9.9980563	8.9769060	11.0950889	35
26	8.9762926	9.9980443	8.9782483	11.0967416	34
27	8.9776187	9.9980323	8.9795864	11.0983983	33
28	8.9789408	9.9980202	8.9809206	11.0990593	32
29	8.9802588	9.9980081	8.9822507	11.0997242	31
30	8.9815728	9.9979959	8.9835769	11.0164230	30
		Sin. 84.		Tang. 84.	M

M	Sin. 5.		Tang. 5.		
30	8.9815728	9.9979959	8.9835769	11.0164230	30
31	8.9828829	9.9979838	8.9848991	11.0151008	29
32	8.9841889	9.9979715	8.9862173	11.0137826	28
33	8.9854909	9.9979593	8.9875316	11.0124683	27
34	8.9867890	9.9979470	8.9888420	11.0111579	26
35	8.9880833	9.9979347	8.9901486	11.0098513	25
36	8.9893737	9.9979223	8.9914513	11.0085486	24
37	8.9906602	9.9979099	8.9927503	11.0072496	23
38	8.9919429	9.9978974	8.9940454	11.0059545	22
39	8.9932217	9.9978850	8.9953367	11.0046632	21
40	8.9944967	9.9978725	8.9966243	11.0033757	20
41	8.9957680	9.9978599	8.9979081	11.0020918	19
42	8.9970356	9.9978473	8.9991883	11.0008117	18
43	8.9982994	9.9978347	9.0004648	10.9995352	17
44	8.9995595	9.9978220	9.0017375	10.9982624	16
45	9.0008159	9.9978093	9.0030066	10.9969933	15
46	9.0020687	9.9977965	9.0042721	10.9957278	14
47	9.0033178	9.9977838	9.0055340	10.9944659	13
48	9.0045633	9.9977710	9.0067923	10.9932076	12
49	9.0058053	9.9977581	9.0080472	10.9919528	11
50	9.0070436	9.9977452	9.0092984	10.9907016	10
51	9.0082684	9.9977323	9.0105461	10.9894539	9
52	9.0094906	9.9977193	9.0117902	10.9882097	8
53	9.0107373	9.9977063	9.0130310	10.9869690	7
54	9.0119615	9.9976933	9.0142682	10.9857317	6
55	9.0131823	9.9976802	9.0155021	10.9844979	5
56	9.0143996	9.9976671	9.0167325	10.9832675	4
57	9.0156134	9.9976540	9.0179594	10.9820405	3
58	9.0168238	9.9976408	9.0191830	10.9808169	2
59	9.0180309	9.9976276	9.0204033	10.9795967	1
60	9.0192345	9.9976144	9.0216202	10.9783797	0
		Sin. 84.		Tang. 84.	M

M	Sin. 6.		Tang. 6.		
0	9.0192145	9.9970141	9.0210202	10.9783797	60
1	9.0212143	9.9976010	9.0228338	10.9771662	59
2	9.0231017	9.9975877	9.0240440	10.9759559	58
3	9.0248254	9.9975743	9.0252510	10.9747489	57
4	9.0264037	9.9975609	9.0264548	10.9735452	56
5	9.0278207	9.9975475	9.0276552	10.9723447	55
6	9.0291864	9.9975340	9.0288524	10.9711475	54
7	9.0305069	9.9975204	9.0300404	10.9699535	53
8	9.0317741	9.9975069	9.0312372	10.9687627	52
9	9.0329918	9.9974933	9.0324249	10.9675751	51
10	9.0341590	9.9974797	9.0336094	10.9663906	50
11	9.0352767	9.9974660	9.0347906	10.9652093	49
12	9.0363421	9.9974523	9.0359688	10.9640311	48
13	9.0373582	9.9974386	9.0371439	10.9628561	47
14	9.0383200	9.9974248	9.0383153	10.9616841	46
15	9.0392397	9.9974110	9.0394848	10.9605152	45
16	9.0402177	9.9973971	9.0406506	10.9593493	44
17	9.0411566	9.9973832	9.0418134	10.9581866	43
18	9.0420424	9.9973693	9.0429731	10.9570268	42
19	9.0428752	9.9973553	9.0441298	10.9558701	41
20	9.0436649	9.9973413	9.0452836	10.9547164	40
21	9.0444116	9.9973273	9.0464353	10.9535656	39
22	9.0451154	9.9973132	9.0475821	10.9524178	38
23	9.0457761	9.9972991	9.0487270	10.9512739	37
24	9.0463938	9.9972849	9.0498689	10.9501311	36
25	9.0469686	9.9972707	9.0510078	10.9489921	35
26	9.0474904	9.9972565	9.0521439	10.9478560	34
27	9.0505194	9.9972423	9.0533771	10.9467228	33
28	9.0516334	9.9972279	9.0544075	10.9455925	32
29	9.0527485	9.9972136	9.0555349	10.9444651	31
30	9.0538587	9.9971992	9.0566595	10.9433405	30
		Sin. 83.		Tang. 83.	M

M	Sin. 6.		Tang. 6.		
30	9.0538588	9.9971993	9.0566595	10.9433405	30
31	9.0549661	9.9971849	9.0577813	10.9422187	29
32	9.0560706	9.9971704	9.0589002	10.9410998	28
33	9.0571723	9.9971559	9.0600164	10.9399836	27
34	9.0582711	9.9971414	9.0611297	10.9388703	26
35	9.0593671	9.9971268	9.0622403	10.9377597	25
36	9.0604604	9.9971122	9.0633482	10.9366518	24
37	9.0615509	9.9970976	9.0644533	10.9355467	23
38	9.0626386	9.9970829	9.0655556	10.9344444	22
39	9.0637235	9.9970682	9.0666553	10.9333447	21
40	9.0648057	9.9970535	9.0677522	10.9322478	20
41	9.0658852	9.9970387	9.0688465	10.9311535	19
42	9.0669619	9.9970239	9.0699381	10.9300619	18
43	9.0680360	9.9970090	9.0710270	10.9289730	17
44	9.0691074	9.9969941	9.0721133	10.9278867	16
45	9.0701761	9.9969792	9.0731969	10.9268031	15
46	9.0712421	9.9969642	9.0742779	10.9257221	14
47	9.0723055	9.9969492	9.0753563	10.9246437	13
48	9.0733663	9.9969342	9.0764321	10.9235679	12
49	9.0744244	9.9969191	9.0775053	10.9224947	11
50	9.0754799	9.9969040	9.0785760	10.9214240	10
51	9.0765329	9.9968888	9.0796441	10.9203559	9
52	9.0775832	9.9968736	9.0807096	10.9192904	8
53	9.0786310	9.9968584	9.0817726	10.9182274	7
54	9.0796762	9.9968431	9.0828331	10.9171669	6
55	9.0807189	9.9968278	9.0838911	10.9161089	5
56	9.0817590	9.9968125	9.0849466	10.9150534	4
57	9.0827966	9.9967971	9.0859996	10.9140004	3
58	9.0838317	9.9967817	9.0870501	10.9129499	2
59	9.0848643	9.9967662	9.0880981	10.9119019	1
60	9.0858945	9.9967507	9.0891438	10.9108562	0
		¶ Sin. 83.		¶ Tang. 83.	M

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M	Sin. 6.		Tang. 6.		
0	9.0192145	9.9970141	9.0210202	10.9783797	60
1	9.0212414	9.9976010	9.0228338	10.9771662	59
2	9.0231017	9.9975877	9.0240440	10.9759559	58
3	9.0248254	9.9975743	9.0252510	10.9747489	57
4	9.0264037	9.9975609	9.0264548	10.9735452	56
5	9.0278207	9.9975475	9.0276552	10.9723447	55
6	9.0291864	9.9975340	9.0288524	10.9711475	54
7	9.0305069	9.9975204	9.0300404	10.9699535	53
8	9.0317741	9.9975069	9.0312372	10.9687627	52
9	9.0329918	9.9974933	9.0324249	10.9675751	51
10	9.0341590	9.9974797	9.0336094	10.9663906	50
11	9.0352767	9.9974660	9.0347906	10.9652093	49
12	9.0363421	9.9974523	9.0359688	10.9640311	48
13	9.0373582	9.9974386	9.0371439	10.9628561	47
14	9.0383200	9.9974248	9.0383153	10.9616841	46
15	9.0392397	9.9974110	9.0394848	10.9605152	45
16	9.0402177	9.9973971	9.0406506	10.9593493	44
17	9.0411566	9.9973832	9.0418134	10.9581866	43
18	9.0420424	9.9973693	9.0429731	10.9570268	42
19	9.0428752	9.9973553	9.0441298	10.9558701	41
20	9.0436649	9.9973413	9.0452836	10.9547164	40
21	9.0444116	9.9973273	9.0464353	10.9535656	39
22	9.0451154	9.9973132	9.0475821	10.9524178	38
23	9.0457761	9.9972991	9.0487270	10.9512739	37
24	9.0463938	9.9972849	9.0498689	10.9501311	36
25	9.0469686	9.9972707	9.0510078	10.9489921	35
26	9.0474904	9.9972565	9.0521439	10.9478560	34
27	9.0505194	9.9972423	9.0533771	10.9467228	33
28	9.0516334	9.9972279	9.0544075	10.9455925	32
29	9.0527485	9.9972136	9.0555349	10.9444651	31
30	9.0538587	9.9971992	9.0566595	10.9433405	30
		Sin. 83.		Tang. 83.	M

M	Sin. 6.		Tang. 6.		
30	9.0538588	9.9971993	9.0566595	10.9433405	30
31	9.0549661	9.9971849	9.0577813	10.9422187	29
32	9.0560706	9.9971704	9.0589002	10.9410998	28
33	9.0571723	9.9971559	9.0600164	10.9399836	27
34	9.0582711	9.9971414	9.0611297	10.9388703	26
35	9.0593671	9.9971268	9.0622403	10.9377597	25
36	9.0604604	9.9971122	9.0633482	10.9366518	24
37	9.0615509	9.9970976	9.0644533	10.9355467	23
38	9.0626386	9.9970829	9.0655556	10.9344444	22
39	9.0637235	9.9970682	9.0666553	10.9333447	21
40	9.0648057	9.9970535	9.0677522	10.9322478	20
41	9.0658852	9.9970387	9.0688465	10.9311535	19
42	9.0669619	9.9970239	9.0699381	10.9300619	18
43	9.0680360	9.9970090	9.0710270	10.9289730	17
44	9.0691074	9.9969941	9.0721133	10.9278867	16
45	9.0701761	9.9969792	9.0731969	10.9268031	15
46	9.0712421	9.9969642	9.0742779	10.9257221	14
47	9.0723055	9.9969492	9.0753563	10.9246437	13
48	9.0733663	9.9969342	9.0764321	10.9235679	12
49	9.0744244	9.9969191	9.0775053	10.9224947	11
50	9.0754799	9.9969040	9.0785760	10.9214240	10
51	9.0765329	9.9968888	9.0796441	10.9203559	9
52	9.0775832	9.9968736	9.0807096	10.9192904	8
53	9.0786310	9.9968584	9.0817726	10.9182274	7
54	9.0796762	9.9968431	9.0828331	10.9171669	6
55	9.0807189	9.9968278	9.0838911	10.9161089	5
56	9.0817590	9.9968125	9.0849466	10.9150534	4
57	9.0827966	9.9967971	9.0859996	10.9140004	3
58	9.0838317	9.9967817	9.0870501	10.9129499	2
59	9.0848643	9.9967662	9.0880981	10.9119019	1
60	9.0858945	9.9967507	9.0891438	10.9108562	0
		¶ Sin. 83.		¶ Tang. 83.	M

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M	Sin. 7.	Tang. 7.	M
0	9.085945	9.9907507	9.0891438 10.9108562 60
1	9.0869221	9.9967352	9.0901869 10.9098131 59
2	9.0879473	9.9967190	9.0912277 10.9087723 58
3	9.0889702	9.9967040	9.0922660 10.9077340 57
4	9.0899903	9.9966884	9.0933020 10.9066980 56
5	9.0910082	9.9966727	9.0943355 10.9056645 55
6	9.0920237	9.9966570	9.0953667 10.9046333 54
7	9.0930367	9.9966412	9.0963955 10.9036045 53
8	9.0940474	9.9966254	9.0974219 10.9025781 52
9	9.0950556	9.9966096	9.0984460 10.9015540 51
10	9.0960615	9.9965937	9.0994678 10.9005322 50
11	9.0970651	9.9965778	9.1004872 10.8995828 49
12	9.0980662	9.9965619	9.1015044 10.8984956 48
13	9.0990651	9.9965459	9.1025192 10.8974808 47
14	9.1000616	9.9965299	9.1035317 10.8964483 46
15	9.1010558	9.9965138	9.1045420 10.8954580 45
16	9.1020477	9.9964977	9.1055500 10.8944500 44
17	9.1030373	9.9964816	9.1065557 10.8934443 43
18	9.1040246	9.9964655	9.1075591 10.8924409 42
19	9.1050096	9.9964493	9.1085604 10.8914396 41
20	9.1059924	9.9964330	9.1095594 10.8904406 40
21	9.1069729	9.9964167	9.1105562 10.8894438 39
22	9.1079512	9.9964004	9.1115508 10.8884492 38
23	9.1089272	9.9963841	9.1125431 10.8874569 37
24	9.1099010	9.9963677	9.1135333 10.8864667 36
25	9.1108726	9.9963513	9.1145212 10.8854787 35
26	9.1118420	9.9963348	9.1155072 10.8844928 34
27	9.1128092	9.9963183	9.1164909 10.8835091 33
28	9.1137742	9.9963018	9.1174724 10.8825276 32
29	9.1147370	9.9962852	9.1184518 10.8815482 31
30	9.1156977	9.9962686	9.1194291 10.8805709 30
		Sin. 82.	Tang. 82. M

M	Sin. 7.	Tang. 7.	M
30	9.1156977	9.9962686	9.1194291 10.8805709 30
31	9.1166562	9.9962519	9.1204043 10.8795957 29
32	9.1176125	9.9962352	9.1213773 10.8786227 28
33	9.1185667	9.9962185	9.1223482 10.8776518 27
34	9.1195188	9.9962017	9.1233171 10.8766829 26
35	9.1204688	9.9961849	9.1242839 10.8757161 25
36	9.1214167	9.9961681	9.1252486 10.8747514 24
37	9.1223624	9.9961512	9.1262112 10.8737888 23
38	9.1233061	9.9961343	9.1271718 10.8728282 22
39	9.1242477	9.9961174	9.1281303 10.8718697 21
40	9.1251872	9.9961004	9.1290868 10.8709132 20
41	9.1261246	9.9960834	9.1300413 10.8699587 19
42	9.1270600	9.9960663	9.1309937 10.8690062 18
43	9.1279934	9.9960492	9.1319442 10.8680558 17
44	9.1289247	9.9960321	9.1328926 10.8671074 16
45	9.1298539	9.9960149	9.1338390 10.8661609 15
46	9.1307812	9.9959977	9.1347835 10.8652165 14
47	9.1317064	9.9959804	9.1357260 10.8642740 13
48	9.1326297	9.9959631	9.1366665 10.8633335 12
49	9.1335509	9.9959458	9.1376051 10.8623949 11
50	9.1344702	9.9959284	9.1385417 10.8614583 10
51	9.1353875	9.9959111	9.1394764 10.8605236 9
52	9.1363028	9.9958936	9.1404092 10.8595908 8
53	9.1372161	9.9958761	9.1413400 10.8586600 7
54	9.1381275	9.9958586	9.1422689 10.8577311 6
55	9.1390370	9.9958411	9.1431959 10.8568041 5
56	9.1399445	9.9958235	9.1441210 10.8558790 4
57	9.1408501	9.9958059	9.1450442 10.8549558 3
58	9.1417537	9.9957882	9.1459655 10.8540345 2
59	9.1426555	9.9957705	9.1468850 10.8531150 1
60	9.1435553	9.9957528	9.1478025 10.8521975 0
		Sin. 82.	Tang. 82. M

M	Sin. 8.		Tang. 8.		
0	9.1435513	9.9957528	9.1478025	10.8521972	60
1	9.1444532	9.9957350	9.1487182	10.8512818	59
2	9.1453493	9.9957172	9.1496321	10.8503679	58
3	9.1462435	9.9956993	9.1505441	10.8494559	57
4	9.1471358	9.9956815	9.1514543	10.8485457	56
5	9.1480262	9.9956635	9.1523627	10.8476373	55
6	9.1489148	9.9956456	9.1532692	10.8467308	54
7	9.1498015	9.9956276	9.1541739	10.8458261	53
8	9.1506864	9.9956095	9.1550769	10.8449231	52
9	9.1515694	9.9955915	9.1559780	10.8440220	51
10	9.1524507	9.9955734	9.1568773	10.8431227	50
11	9.1533301	9.9955552	9.1577748	10.8422253	49
12	9.1542076	9.9955370	9.1586706	10.8413294	48
13	9.1550834	9.9955188	9.1595646	10.8404354	47
14	9.1559574	9.9955005	9.1604569	10.8395431	46
15	9.1568296	9.9954822	9.1613473	10.8386527	45
16	9.1577000	9.9954639	9.1622361	10.8377639	44
17	9.1585686	9.9954455	9.1631231	10.8368769	43
18	9.1594354	9.9954271	9.1640083	10.8359917	42
19	9.1603005	9.9954087	9.1648919	10.8351081	41
20	9.1611639	9.9953902	9.1657737	10.8342263	40
21	9.1620254	9.9953717	9.1666538	10.8333462	39
22	9.1628853	9.9953531	9.1675322	10.8324678	38
23	9.1637434	9.9953345	9.1684089	10.8315911	37
24	9.1645998	9.9953159	9.1692839	10.8307161	36
25	9.1654544	9.9952972	9.1701572	10.8298428	35
26	9.1663074	9.9952785	9.1710289	10.8289711	34
27	9.1671586	9.9952597	9.1718989	10.8281011	33
28	9.1680082	9.9952409	9.1727672	10.8272328	32
29	9.1688559	9.9952221	9.1736338	10.8263662	31
30	9.1697021	9.9952033	9.1744988	10.8255012	30
		Sin. 81.		Tang. 81.	M

M	Sin. 8.		Tang. 8.		
30	9.1697021	9.9952033	9.1744988	10.8255012	30
31	9.1705465	9.9951844	9.1753622	10.8246378	29
32	9.1713893	9.9951654	9.1762239	10.8237761	28
33	9.1722305	9.9951464	9.1770840	10.8229160	27
34	9.1730699	9.9951274	9.1779425	10.8220575	26
35	9.1739077	9.9951084	9.1787993	10.8212007	25
36	9.1747439	9.9950893	9.1796546	10.8203454	24
37	9.1755784	9.9950702	9.1805082	10.8194918	23
38	9.1764112	9.9950510	9.1813602	10.8186394	22
39	9.1772425	9.9950318	9.1822106	10.8177894	21
40	9.1780721	9.9950126	9.1830595	10.8169405	20
41	9.1789001	9.9949933	9.1839068	10.8160932	19
42	9.1797265	9.9949740	9.1847525	10.8152475	18
43	9.1805512	9.9949546	9.1855966	10.8144034	17
44	9.1813744	9.9949352	9.1864392	10.8135608	16
45	9.1821960	9.9949158	9.1872802	10.8127198	15
46	9.1830160	9.9948964	9.1881196	10.8118804	14
47	9.1838344	9.9948769	9.1889575	10.8110425	13
48	9.1846512	9.9948573	9.1897939	10.8102061	12
49	9.1854665	9.9948377	9.1906287	10.8093713	11
50	9.1862802	9.9948181	9.1914621	10.8085379	10
51	9.1870923	9.9947985	9.1922939	10.8077061	9
52	9.1879029	9.9947788	9.1931241	10.8068759	8
53	9.1887120	9.9947591	9.1939529	10.8060471	7
54	9.1895195	9.9947393	9.1947802	10.8052198	6
55	9.1903254	9.9947195	9.1956059	10.8043941	5
56	9.1911299	9.9946997	9.1964302	10.8035698	4
57	9.1919328	9.9946798	9.1972530	10.8027470	3
58	9.1927342	9.9946599	9.1980743	10.8019257	2
59	9.1935341	9.9946399	9.1988942	10.8011059	1
60	9.1943324	9.9946199	9.1997125	10.8002875	0
		Sin. 81.		Tang. 81.	M

M	Sin. 9.		Tang. 9.		
0	9.1943324	9.9946199	9.1997125	10.8002875	60
1	9.1951293	9.9945999	9.2005294	10.7994706	59
2	9.1959247	9.9945798	9.2013449	10.7986551	58
3	9.1967186	9.9945597	9.2021588	10.7978411	57
4	9.1975110	9.9945396	9.2029714	10.7970286	56
5	9.1983019	9.9945194	9.2037825	10.7962175	55
6	9.1990913	9.9944992	9.2045922	10.7954078	54
7	9.1998793	9.9944789	9.2054004	10.7945996	53
8	9.2006658	9.9944587	9.2062072	10.7937928	52
9	9.2014509	9.9944383	9.2070126	10.7929874	51
10	9.2022345	9.9944180	9.2078165	10.7921835	50
11	9.2030167	9.9943975	9.2086191	10.7913809	49
12	9.2037974	9.9943771	9.2094203	10.7905797	48
13	9.2045767	9.9943566	9.2102200	10.7897800	47
14	9.2053545	9.9943361	9.2110184	10.7889816	46
15	9.2061309	9.9943156	9.2118153	10.7881847	45
16	9.2069059	9.9942950	9.2126109	10.7873891	44
17	9.2076795	9.9942743	9.2134051	10.7865949	43
18	9.2084516	9.9942537	9.2141980	10.7858020	42
19	9.2092224	9.9942330	9.2149894	10.7850106	41
20	9.2099917	9.9942122	9.2157795	10.7842205	40
21	9.2107597	9.9941914	9.2165683	10.7834317	39
22	9.2115263	9.9941706	9.2173556	10.7826444	38
23	9.2122914	9.9941498	9.2181417	10.7818583	37
24	9.2130552	9.9941289	9.2189264	10.7810736	36
25	9.2138176	9.9941079	9.2197097	10.7802902	35
26	9.2145787	9.9940870	9.2204917	10.7795083	34
27	9.2153384	9.9940659	9.2212724	10.7787276	33
28	9.2160967	9.9940449	9.2220518	10.7779482	32
29	9.2168536	9.9940238	9.2228298	10.7771702	31
30	9.2176092	9.9940027	9.2236065	10.7763935	30
		Sin. 80.		Tang. 80.	M

M	Sin. 9.		Tang. 9.		
30	9.2176092	9.9940027	9.2236065	10.7763935	30
31	9.2183635	9.9939815	9.2243819	10.7756181	29
32	9.2191164	9.9939603	9.2251561	10.7748439	28
33	9.2198680	9.9939391	9.2259289	10.7740711	27
34	9.2206182	9.9939178	9.2267004	10.7732996	26
35	9.2213671	9.9938965	9.2274706	10.7725294	25
36	9.2221147	9.9938752	9.2282395	10.7717605	24
37	9.2228609	9.9938538	9.2290071	10.7709929	23
38	9.2236059	9.9938324	9.2297735	10.7702265	22
39	9.2243495	9.9938109	9.2305386	10.7694614	21
40	9.2250918	9.9937894	9.2313024	10.7686976	20
41	9.2258328	9.9937676	9.2320650	10.7679350	19
42	9.2265725	9.9937463	9.2328262	10.7671738	18
43	9.2273110	9.9937247	9.2335863	10.7664137	17
44	9.2280481	9.9937030	9.2343451	10.7656549	16
45	9.2287839	9.9936813	9.2351026	10.7648974	15
46	9.2295185	9.9936596	9.2358589	10.7641411	14
47	9.2302518	9.9936378	9.2366139	10.7633861	13
48	9.2309838	9.9936160	9.2373678	10.7626322	12
49	9.2317145	9.9935942	9.2381203	10.7618797	11
50	9.2324440	9.9935723	9.2388717	10.7611283	10
51	9.2331722	9.9935504	9.2396218	10.7603782	9
52	9.2338992	9.9935285	9.2403708	10.7596292	8
53	9.2346249	9.9935065	9.2411185	10.7588815	7
54	9.2353494	9.9934844	9.2418650	10.7581350	6
55	9.2360726	9.9934624	9.2426103	10.7573897	5
56	9.2367946	9.9934403	9.2433543	10.7566437	4
57	9.2375153	9.9934181	9.2440972	10.7558928	3
58	9.2382349	9.9933959	9.2448389	10.7551411	2
59	9.2389532	9.9933737	9.2455794	10.7543826	1
60	9.2396702	9.9933515	9.2463188	10.7536212	0
		Sin. 80.		Tang. 80.	M

M	Sin. 10.		Tang. 10.		
0	9.2396702	9.9933515	9.2463188	10.7536812	60
1	9.2403861	9.9933292	9.2470569	10.7529430	59
2	9.2411007	9.9933068	9.2477939	10.7522061	58
3	9.2418141	9.9932845	9.2485297	10.7514703	57
4	9.2425264	9.9932621	9.2492643	10.7507357	56
5	9.2432374	9.9932396	9.2499978	10.7500022	55
6	9.2439472	9.9932171	9.2507301	10.7492699	54
7	9.2446558	9.9931946	9.2514612	10.7485388	53
8	9.2453632	9.9931720	9.2521912	10.7478088	52
9	9.2460695	9.9931494	9.2529200	10.7470800	51
10	9.2467746	9.9931268	9.2536477	10.7463522	50
11	9.2474784	9.9931041	9.2543742	10.7456257	49
12	9.2481811	9.9930814	9.2550997	10.7449003	48
13	9.2488827	9.9930587	9.2558240	10.7441760	47
14	9.2495830	9.9930359	9.2565471	10.7434528	46
15	9.2502822	9.9930131	9.2572691	10.7427308	45
16	9.2509803	9.9929903	9.2579901	10.7420099	44
17	9.2516772	9.9929673	9.2587099	10.7412901	43
18	9.2523729	9.9929444	9.2594285	10.7405715	42
19	9.2530675	9.9929214	9.2601461	10.7398539	41
20	9.2537609	9.9928984	9.2608625	10.7391375	40
21	9.2544532	9.9928753	9.2615779	10.7384221	39
22	9.2551444	9.9928522	9.2622921	10.7377079	38
23	9.2558344	9.9928291	9.2630053	10.7369947	37
24	9.2565233	9.9928059	9.2637173	10.7362827	36
25	9.2572110	9.9927827	9.2644283	10.7355717	35
26	9.2578977	9.9927595	9.2651382	10.7348618	34
27	9.2585832	9.9927362	9.2658470	10.7341530	33
28	9.2592676	9.9927129	9.2665547	10.7334453	32
29	9.2599509	9.9926895	9.2672613	10.7327387	31
30	9.2606330	9.9926661	9.2679669	10.7320331	30
		Sin. 79.		Tang. 79.	M

M	Sin. 10.		Tang. 10.		
30	9.2606330	9.9926661	9.2679669	10.7320331	30
31	9.2613141	9.9926427	9.2686714	10.7313286	29
32	9.2619941	9.9926192	9.2693749	10.7306251	28
33	9.2626729	9.9925957	9.2700772	10.7299223	27
34	9.2633507	9.9925722	9.2707786	10.7292214	26
35	9.2640274	9.9925486	9.2714788	10.7285212	25
36	9.2647030	9.9925250	9.2721780	10.7278220	24
37	9.2653775	9.9925013	9.2728763	10.7271238	23
38	9.2660509	9.9924776	9.2735733	10.7264267	22
39	9.2667232	9.9924539	9.2742694	10.7257306	21
40	9.2673945	9.9924301	9.2749644	10.7250356	20
41	9.2680647	9.9924063	9.2756584	10.7243416	19
42	9.2687338	9.9923824	9.2763514	10.7236486	18
43	9.2694019	9.9923585	9.2770434	10.7229566	17
44	9.2700689	9.9923346	9.2777343	10.7222657	16
45	9.2707348	9.9923106	9.2784242	10.7215758	15
46	9.2713997	9.9922866	9.2791130	10.7208869	14
47	9.2720635	9.9922626	9.2798009	10.7201991	13
48	9.2727263	9.9922385	9.2804878	10.7195122	12
49	9.2733880	9.9922144	9.2811736	10.7188264	11
50	9.2740487	9.9921902	9.2818585	10.7181415	10
51	9.2747083	9.9921660	9.2825423	10.7174577	9
52	9.2753669	9.9921418	9.2832251	10.7167749	8
53	9.2760245	9.9921175	9.2839000	10.7160930	7
54	9.2766811	9.9920932	9.2845878	10.7154122	6
55	9.2773366	9.9920689	9.2852677	10.7147323	5
56	9.2779911	9.9920445	9.2859466	10.7140534	4
57	9.2786445	9.9920201	9.2866245	10.7133755	3
58	9.2792970	9.9919956	9.2873014	10.7126986	2
59	9.2799484	9.9919711	9.2879773	10.7120227	1
60	9.2805988	9.9919466	9.2886523	10.7113477	0
		Sin. 79.		Tang. 79.	M

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M	Sin. 11.		Tang. 11.		
0	9.2805983	9.9919466	9.2836523	10.711177	60
1	9.2812483	9.9919220	9.2892268	10.7106737	59
2	9.2818967	9.9918974	9.2899993	10.7100007	58
3	9.2825441	9.9918727	9.2906713	10.7093287	57
4	9.2831905	9.9918480	9.2913424	10.7086576	56
5	9.2838359	9.9918233	9.2920126	10.7079874	55
6	9.2844803	9.9917989	9.2926817	10.7073183	54
7	9.2851337	9.9917737	9.2933500	10.7066500	53
8	9.2857861	9.9917489	9.2940172	10.7059828	52
9	9.2864407	9.9917240	9.2946836	10.7053164	51
10	9.2870980	9.9916991	9.2953489	10.7046511	50
11	9.2877675	9.9916741	9.2960134	10.7039866	49
12	9.2883260	9.9916492	9.2966769	10.7033231	48
13	9.2889636	9.9916241	9.2973395	10.7026605	47
14	9.2896001	9.9915990	9.2980011	10.7020989	46
15	9.2902357	9.9915739	9.2986618	10.7015382	45
16	9.2908704	9.9915488	9.2993216	10.7009784	44
17	9.2915040	9.9915236	9.2999804	10.7004196	43
18	9.2921367	9.9914984	9.3006383	10.6998617	42
19	9.2927685	9.9914731	9.3012954	10.6993046	41
20	9.2933993	9.9914478	9.3019514	10.6987486	40
21	9.2940291	9.9914225	9.3026066	10.6991934	39
22	9.2946580	9.9913971	9.3032609	10.6986391	38
23	9.2952859	9.9913717	9.3039143	10.6980857	37
24	9.2959129	9.9913462	9.3045667	10.6975333	36
25	9.2965390	9.9913207	9.3052183	10.6969817	35
26	9.2971641	9.9912952	9.3058689	10.6964311	34
27	9.2977883	9.9912696	9.3065187	10.6958813	33
28	9.2984116	9.9912440	9.3071675	10.6953325	32
29	9.2990339	9.9912184	9.3078155	10.6947845	31
30	9.2996553	9.9911927	9.3084626	10.6942374	30
		Sin. 78.		Tang. 78.	M

M	Sin. 11.		Tang. 11.		
30	9.2996553	9.9911927	9.3084626	10.6942374	30
31	9.3002758	9.9911670	9.3091088	10.6936912	29
32	9.3008953	9.9911412	9.3097541	10.6931459	28
33	9.3015140	9.9911154	9.3103985	10.6926015	27
34	9.3021317	9.9910896	9.3110421	10.6920579	26
35	9.3027485	9.9910637	9.3116848	10.6915152	25
36	9.3033644	9.9910378	9.3123266	10.6909734	24
37	9.3039794	9.9910119	9.3129675	10.6904325	23
38	9.3045934	9.9909859	9.3136076	10.6898924	22
39	9.3052066	9.9909598	9.3142468	10.6893532	21
40	9.3058189	9.9909338	9.3148851	10.6888149	20
41	9.3064303	9.9909077	9.3155226	10.6882774	19
42	9.3070407	9.9908815	9.3161592	10.6877408	18
43	9.3076503	9.9908553	9.3167950	10.6872050	17
44	9.3082590	9.9908291	9.3174299	10.6866701	16
45	9.3088668	9.9908029	9.3180640	10.6861360	15
46	9.3094737	9.9907766	9.3186972	10.6856028	14
47	9.3100798	9.9907502	9.3193295	10.6850705	13
48	9.3106849	9.9907239	9.3199611	10.6845389	12
49	9.3112892	9.9906974	9.3205918	10.6840082	11
50	9.3118926	9.9906710	9.3212216	10.6834784	10
51	9.3124951	9.9906445	9.3218506	10.6829494	9
52	9.3130968	9.9906180	9.3224788	10.6824212	8
53	9.3136976	9.9905914	9.3231061	10.6818939	7
54	9.3142975	9.9905648	9.3237327	10.6813673	6
55	9.3148965	9.9905382	9.3243584	10.6808416	5
56	9.3154947	9.9905115	9.3249832	10.6803168	4
57	9.3160921	9.9904848	9.3256073	10.6797927	3
58	9.3166885	9.9904580	9.3262305	10.6792695	2
59	9.3172841	9.9904312	9.3268529	10.6787471	1
60	9.3178789	9.9904044	9.3274745	10.6782255	0
		Sin. 78.		Tang. 78.	M

M	Sin. 12.	Tang. 12.		
0	9.3178789	9.9904044	9.3274745	10.6725255
1	9.3184728	9.9903775	9.3280953	10.6719047
2	9.3190659	9.9903506	9.3287153	10.6712847
3	9.3196581	9.9903237	9.3293345	10.6706655
4	9.3202495	9.9902967	9.3299528	10.6700472
5	9.3208400	9.9902697	9.3305704	10.6694266
6	9.3214297	9.9902426	9.3311872	10.6688128
7	9.3220186	9.9902155	9.3318031	10.6681969
8	9.3226066	9.9901883	9.3324183	10.6675817
9	9.3231938	9.9901612	9.3330327	10.6669673
10	9.3237802	9.9901339	9.3336463	10.6663537
11	9.3243657	9.9901067	9.3342591	10.6657409
12	9.3249505	9.9900794	9.3348711	10.6651289
13	9.3255344	9.9900521	9.3354823	10.6645177
14	9.3261174	9.9900247	9.3360927	10.6639073
15	9.3266997	9.9899973	9.3367024	10.6632976
16	9.3272811	9.9899698	9.3373113	10.6626887
17	9.3278617	9.9899423	9.3379194	10.6620806
18	9.3284416	9.9899148	9.3385267	10.6614743
19	9.3290206	9.9898873	9.3391333	10.6608667
20	9.3295988	9.9898597	9.3397391	10.6602609
21	9.3301761	9.9898320	9.3403441	10.6596559
22	9.3307527	9.9898043	9.3409484	10.6590516
23	9.3313285	9.9897766	9.3415519	10.6584481
24	9.3319035	9.9897489	9.3421546	10.6578454
25	9.3324777	9.9897211	9.3427566	10.6572434
26	9.3330511	9.9896932	9.3433578	10.6566422
27	9.3336237	9.9896654	9.3439583	10.6560417
28	9.3341955	9.9896374	9.3445580	10.6554420
29	9.3347665	9.9896095	9.3451570	10.6548430
30	9.3353368	9.9895815	9.3457552	10.6542448
		Sin. 77.		Tang. 77.

M	Sin. 12.	Tang. 12.		
30	9.3353368	9.9895815	9.3457552	10.6542448
31	9.3359062	9.9895535	9.3463527	10.6536473
32	9.3364749	9.9895254	9.3469494	10.6530506
33	9.3370428	9.9894973	9.3475454	10.6524546
34	9.3376099	9.9894692	9.3481407	10.6518593
35	9.3381762	9.9894410	9.3487352	10.6512648
36	9.3387418	9.9894128	9.3493290	10.6506710
37	9.3393065	9.9893845	9.3499220	10.6500780
38	9.3398706	9.9893562	9.3505143	10.6494847
39	9.3404338	9.9893279	9.3511059	10.6488941
40	9.3409963	9.9892995	9.3516968	10.6483032
41	9.3415580	9.9892711	9.3522869	10.6477131
42	9.3421190	9.9892427	9.3528763	10.6471237
43	9.3426792	9.9892142	9.3534650	10.6465350
44	9.3432386	9.9891856	9.3540530	10.6459470
45	9.3437973	9.9891571	9.3546402	10.6453598
46	9.3443552	9.9891285	9.3552267	10.6447733
47	9.3449124	9.9890998	9.3558126	10.6441874
48	9.3454688	9.9890711	9.3563977	10.6436023
49	9.3460245	9.9890424	9.3569821	10.6430179
50	9.3465794	9.9890137	9.3575658	10.6424342
51	9.3471336	9.9889849	9.3581487	10.6418513
52	9.3476870	9.9889560	9.3587310	10.6412690
53	9.3482397	9.9889271	9.3593126	10.6406874
54	9.3487917	9.9888982	9.3598935	10.6401065
55	9.3493429	9.9888693	9.3604736	10.6395264
56	9.3498934	9.9888403	9.3610531	10.6389469
57	9.3504432	9.9888113	9.3616319	10.6383681
58	9.3509922	9.9887822	9.3622100	10.6377900
59	9.3515405	9.9887531	9.3627874	10.6372126
60	9.3520880	9.9887239	9.3633641	10.6366359
		Sin. 77.		Tang. 77.

M	Sin. 13.		Tang. 13.		
0	9.3520880	9.9887239	9.3633641	10.6366359	60
1	9.3526349	9.9886947	9.3639401	10.6360599	59
2	9.3531810	9.9886655	9.3645155	10.6354845	58
3	9.3537264	9.9886363	9.3650901	10.6349099	57
4	9.3542710	9.9886070	9.3656641	10.6343359	56
5	9.3548150	9.9885776	9.4662374	10.6337626	55
6	9.3553582	9.9885482	9.3668100	10.6331909	54
7	9.3559008	9.9885188	9.3673819	10.6326181	53
8	9.3564426	9.9884894	9.3679532	10.6320460	52
9	9.3569836	9.9884599	9.3685238	10.6314762	51
10	9.3575240	9.9884303	9.3690937	10.6309063	50
11	9.3580637	9.9884008	9.3696629	10.6303371	49
12	9.3586027	9.9883712	9.3702315	10.6297685	48
13	9.3591409	9.9883415	9.3707994	10.6292006	47
14	9.3596785	9.9883118	9.3713667	10.6286333	46
15	9.3602154	9.9882821	9.3719333	10.6280667	45
16	9.3607515	9.9882523	9.3724992	10.6275008	44
17	9.3612870	9.9882225	9.3730645	10.6269355	43
18	9.3618217	9.9881927	9.3736291	10.6263709	42
19	9.3623558	9.9881628	9.3741930	10.6258070	41
20	9.3628892	9.9881329	9.3747563	10.6252437	40
21	9.3634219	9.9881029	9.3753190	10.6246810	39
22	9.3639539	9.9880729	9.3758810	10.6241190	38
23	9.3644852	9.9880429	9.3764423	10.6235577	37
24	9.3650158	9.9880128	9.3770030	10.6229970	36
25	9.3655458	9.9879827	9.3775631	10.6224369	35
26	9.3660750	9.9879525	9.3781225	10.6218775	34
27	9.3666036	9.9879223	9.3786813	10.6213187	33
28	9.3671315	9.9878921	9.3792394	10.6207606	32
29	9.3676587	9.9878618	9.3797969	10.6202031	31
30	9.3681853	9.9878315	9.3803537	10.6196463	30
		Stn. 76.		Tang. 76.	M

M	Sin. 13.		Tang. 13.		
30	9.3681853	9.9878315	9.3803537	10.6196463	30
31	9.3687111	9.9878012	9.3809100	10.6190900	29
32	9.3692363	9.9877708	9.3814655	10.6185345	28
33	9.3697608	9.9877404	9.3820205	10.6179795	27
34	9.3702847	9.9877099	9.3825748	10.6174252	26
35	9.3708079	9.9876794	9.3831285	10.6168715	25
36	9.3713304	9.9876488	9.3836816	10.6163184	24
37	9.3718523	9.9876183	9.3842340	10.6157660	23
38	9.2723735	9.9875876	9.3847858	10.6152142	22
39	9.3728940	9.9875570	9.3853370	10.6146630	21
40	9.3734139	9.9875263	9.3858876	10.6141124	20
41	9.3739331	9.9874955	9.3864376	10.6135624	19
42	9.3744517	9.9874648	9.3869869	10.6130131	18
43	9.3749696	9.9874339	9.3875356	10.6124644	17
44	9.3754868	9.9874031	9.3880837	10.6119163	16
45	9.3760034	9.9873722	9.3886312	10.6113688	15
46	9.3765194	9.9873413	9.3891781	10.6108219	14
47	9.3770347	9.9873103	9.3897244	10.6102756	13
48	9.3775493	9.9872793	9.3902700	10.6097300	12
49	9.3780633	9.9872482	9.3908151	10.6091849	11
50	9.3785767	9.9872171	9.3913595	10.6086405	10
51	9.3790894	9.9871860	9.3919034	10.6080966	9
52	9.3796015	9.9871549	9.3924466	10.6075534	8
53	9.3801129	9.9871236	9.3929893	10.6070107	7
54	9.3806237	9.9870924	9.3935313	10.6064687	6
55	9.3811339	9.9870611	9.3940727	10.6059273	5
56	9.3816434	9.9870298	9.3946136	10.6053864	4
57	9.3821523	9.9869984	9.3951536	10.6048462	3
58	9.3826605	9.9869670	9.3956935	10.6043065	2
59	9.3831682	9.9869356	9.3962326	10.6037674	1
60	9.3836752	9.9869041	9.3967711	10.6032289	0
		Stn. 76.		Tang. 76.	M

M	Sin. 14.		Tang. 14.		
0	9.3836752	9.9869041	9.3967711	10.6032289	60
1	9.3841815	9.9868726	9.3973089	10.6026911	59
2	9.3846873	9.9868410	9.3978463	10.6021537	58
3	9.3851924	9.9868094	9.3983830	10.6016170	57
4	9.3856969	9.9867778	9.3989191	10.6010809	56
5	9.3862008	9.9867461	9.3994547	10.6005453	55
6	9.3867040	9.9867144	9.3999896	10.6000104	54
7	9.3872067	9.9866827	9.4005240	10.5994760	53
8	9.3877087	9.9866509	9.4010578	10.5989422	52
9	9.3882101	9.9866191	9.4015910	10.5984090	51
10	9.3887109	9.9865872	9.4021237	10.5978763	50
11	9.3892111	9.9865553	9.4026558	10.5973442	49
12	9.3897106	9.9865233	9.4031873	10.5968127	48
13	9.3902096	9.9864913	9.4037182	10.5962818	47
14	9.3907079	9.9864593	9.4042486	10.5957514	46
15	9.3912057	9.9864273	9.4047784	10.5952216	45
16	9.3917028	9.9863952	9.4053076	10.5946924	44
17	9.3921993	9.9863630	9.4058363	10.5941637	43
18	9.3926952	9.9863308	9.4063644	10.5936356	42
19	9.3931905	9.9862986	9.4068919	10.5931081	41
20	9.3936852	9.9862663	9.4074189	10.5925811	40
21	9.3941794	9.9862340	9.4079453	10.5920547	39
22	9.3946729	9.9862017	9.4084712	10.5915288	38
23	9.3951658	9.9861693	9.4089965	10.5910035	37
24	9.3956581	9.9861369	9.4095212	10.5904788	36
25	9.3961499	9.9861045	9.4100454	10.5899546	35
26	9.3966410	9.9860720	9.4105690	10.5894310	34
27	9.3971315	9.9860394	9.4110921	10.5889079	33
28	9.3976215	9.9860069	9.4116146	10.5883854	32
29	9.3981109	9.9859742	9.4121366	10.5878634	31
30	9.3985996	9.9859416	9.4126581	10.5873419	30
		Sin. 75.		Tang. 75.	M

M	Sin. 14.		Tang. 14.		
30	9.3985996	9.9859416	9.4126581	10.5873419	30
31	9.3990878	9.9859089	9.4131789	10.5868211	29
32	9.3995754	9.9858762	9.4136993	10.5863007	28
33	9.4000625	9.9858434	9.4142191	10.5857809	27
34	9.4005489	9.9858106	9.4147383	10.5852617	26
35	9.4010348	9.9857777	9.4152570	10.5847430	25
36	9.4015201	9.9857449	9.4157752	10.5842248	24
37	9.4020048	9.9857119	9.4162928	10.5837072	23
38	9.4024889	9.9856790	9.4168099	10.5831901	22
39	9.4029734	9.9856460	9.4173265	10.5826735	21
40	9.4034554	9.9856129	9.4178425	10.5821575	20
41	9.4039378	9.9855798	9.4183580	10.5816420	19
42	9.4044196	9.9855467	9.4188729	10.5811271	18
43	9.4049009	9.9855135	9.4193874	10.5806126	17
44	9.4053816	9.9854803	9.4199013	10.5800987	16
45	9.4058617	9.9854471	9.4204146	10.5795854	15
46	9.4063413	9.9854138	9.4209275	10.5790725	14
47	9.4068203	9.9853805	9.4214398	10.5785602	13
48	9.4072987	9.9853471	9.4219515	10.5780485	12
49	9.4077766	9.9853138	9.4224628	10.5775372	11
50	9.4082539	9.9852803	9.4229735	10.5770265	10
51	9.4087306	9.9852468	9.4234838	10.5765162	9
52	9.4092068	9.9852133	9.4239935	10.5760065	8
53	9.4096824	9.9851798	9.4245026	10.5754974	7
54	9.4101575	9.9851462	9.4250113	10.5749887	6
55	9.4106320	9.9851125	9.4255194	10.5744806	5
56	9.4111059	9.9850789	9.4260271	10.5739720	4
57	9.4115793	9.9850452	9.4265342	10.5734638	3
58	9.4120522	9.9850114	9.4270408	10.5729552	2
59	9.4125245	9.9849776	9.4275469	10.5724463	1
60	9.4129962	9.9849438	9.4280525	10.5719375	0
		Sin. 75.		Tang. 75.	M

M	Sin. 15.		Tang. 15.		M
0	9.4125962	9.9849438	9.4280525	10.5719475	60
1	9.4134674	9.9849099	9.4285575	10.5714425	59
2	9.4139381	9.9848760	9.4290621	10.5709379	58
3	9.4144082	9.9848420	9.4295661	10.5704339	57
4	9.4148778	9.9848081	9.4300697	10.5699303	56
5	9.4153468	9.9847740	9.4305737	10.5694273	55
6	9.4158152	9.9847400	9.4310753	10.5689247	54
7	9.4162832	9.9847059	9.4315773	10.5684227	53
8	9.4167506	9.9846717	9.4320789	10.5679211	52
9	9.4172174	9.9846375	9.4325799	10.5674201	51
10	9.4176837	9.9846033	9.4330804	10.5669196	50
11	9.4181495	9.9845690	9.4335805	10.5664195	49
12	9.4186148	9.9845347	9.4340800	10.5659200	48
13	9.4190795	9.9845004	9.4345791	10.5654209	47
14	9.4195436	9.9844660	9.4350776	10.5649224	46
15	9.4200073	9.9844316	9.4355757	10.5644243	45
16	9.4204704	9.9843971	9.4360733	10.5639267	44
17	9.4209330	9.9843626	9.4365704	10.5634296	43
18	9.4213950	9.9843281	9.4370670	10.5629330	42
19	9.4218566	9.9842935	9.4375631	10.5624369	41
20	9.4223176	9.9842589	9.4380587	10.5619413	40
21	9.4227780	9.9842242	9.4385538	10.5614462	39
22	9.4232380	9.9841895	9.4390485	10.5609515	38
23	9.4236974	9.9841548	9.4395426	10.5604574	37
24	9.4241563	9.9841200	9.4400363	10.5599637	36
25	9.4246147	9.9840852	9.4405295	10.5594705	35
26	9.4250726	9.9840503	9.4410222	10.5589778	34
27	9.4255299	9.9840154	9.4415145	10.5584855	33
28	9.4259867	9.9839805	9.4420062	10.5579938	32
29	9.4264430	9.9839455	9.4424975	10.5575025	31
30	9.4268988	9.9839105	9.4429883	10.5570117	30
		Sin. 74.		Tang. 74.	M

M	Sin. 15.		Tang. 15.		M
30	9.4268988	9.9839105	9.4429883	10.5570117	30
31	9.4273541	9.9838755	9.4434786	10.5565214	29
32	9.4278089	9.9838404	9.4439685	10.5560315	28
33	9.4282631	9.9838052	9.4444579	10.5555421	27
34	9.4287169	9.9837701	9.4449468	10.5550532	26
35	9.4291701	9.9837348	9.4454352	10.5545648	25
36	9.4296228	9.9836996	9.4459232	10.5540768	24
37	9.4300750	9.9836643	9.4464107	10.5535893	23
38	9.4305267	9.9836290	9.4468978	10.5531022	22
39	9.4309779	9.9835936	9.4473843	10.5526157	21
40	9.4314286	9.9835582	9.4478704	10.5521262	20
41	9.4318788	9.9835227	9.4483561	10.5516439	19
42	9.4323285	9.9834872	9.4488413	10.5511587	18
43	9.4327777	9.9834517	9.4493260	10.5506740	17
44	9.4332264	9.9834161	9.4498102	10.5501898	16
45	9.4336746	9.9833805	9.4502949	10.5497060	15
46	9.4341223	9.9833449	9.4507774	10.5492226	14
47	9.4345694	9.9833092	9.4512602	10.5487398	13
48	9.4350161	9.9832735	9.4517427	10.5482573	12
49	9.4354623	9.9832377	9.4522246	10.5477754	11
50	9.4359080	9.9832019	9.4527061	10.5472939	10
51	9.4363532	9.9831661	9.4531872	10.5468128	9
52	9.4367980	9.9831302	9.4536678	10.5463322	8
53	9.4372422	9.9830942	9.4541479	10.5458521	7
54	9.4376859	9.9830583	9.4546276	10.5453724	6
55	9.4381292	9.9830223	9.4551069	10.5448931	5
56	9.4385719	9.9829862	9.4555857	10.5444143	4
57	9.4390142	9.9829501	9.4560641	10.5439359	3
58	9.4394560	9.9829140	9.4565420	10.5434580	2
59	9.4398973	9.9828778	9.4570194	10.5429806	1
60	9.4403381	9.9828416	9.4574964	10.5425036	0
		Sin. 74.		Tang. 74.	M

M	Sin. 16.		Tang. 16.		
0	9.4403381	9.9828416	9.4574964	10.5425036	60
1	9.4407784	9.9828054	9.4579730	10.5420270	59
2	9.4412182	9.9827691	9.4584491	10.5415509	58
3	9.4416576	9.9827328	9.4589248	10.5410752	57
4	9.4420965	9.9826964	9.4594001	10.5405999	56
5	9.4425349	9.9826600	9.4598749	10.5401251	55
6	9.4429728	9.9826236	9.4603492	10.5396508	54
7	9.4434103	9.9825871	9.4608232	10.5391768	53
8	9.4438472	9.9825506	9.4612967	10.5387033	52
9	9.4442837	9.9825140	9.4617697	10.5382303	51
10	9.4447197	9.9824774	9.4622423	10.5377577	50
11	9.4451553	9.9824408	9.4627145	10.5372855	49
12	9.4455904	9.9824041	9.4631863	10.5368137	48
13	9.4460250	9.9823674	9.4636576	10.5363424	47
14	9.4464591	9.9823306	9.4641285	10.5358715	46
15	9.4468927	9.9822938	9.4645990	10.5354010	45
16	9.4473259	9.9822569	9.4650690	10.5349310	44
17	9.4477586	9.9822201	9.4655386	10.5344614	43
18	9.4481909	9.9821831	9.4660078	10.5339922	42
19	9.4486227	9.9821462	9.4664765	10.5335235	41
20	9.4490540	9.9821092	9.4669448	10.5330552	40
21	9.4494849	9.9820721	9.4674127	10.5325873	39
22	9.4499153	9.9820351	9.4678802	10.5321198	38
23	9.4503452	9.9819979	9.4683473	10.5316527	37
24	9.4507747	9.9819608	9.4688139	10.5311861	36
25	9.4512037	9.9819236	9.4692801	10.5307199	35
26	9.4516322	9.9818863	9.4697459	10.5302541	34
27	9.4520603	9.9818490	9.4702112	10.5297888	33
28	9.4524879	9.9818117	9.4706762	10.5293238	32
29	9.4529151	9.9817744	9.4711407	10.5288593	31
30	9.4533418	9.9817370	9.4716048	10.5283952	30
		Sin. 73.		Tang. 73.	M

M	Sin. 16.		Tang. 16.		
30	9.4533418	9.9817370	9.4716048	10.5283952	30
31	9.4537681	9.9816995	9.4720685	10.5279315	29
32	9.4541939	9.9816620	9.4725318	10.5274683	28
33	9.4546192	9.9816245	9.4729947	10.5270053	27
34	9.4550441	9.9815870	9.4734571	10.5265428	26
35	9.4554686	9.9815494	9.4739192	10.5260808	25
36	9.4558926	9.9815117	9.4743808	10.5256192	24
37	9.4563161	9.9814740	9.4748421	10.5251579	23
38	9.4567392	9.9814363	9.4753029	10.5246971	22
39	9.4571618	9.9813986	9.4757633	10.5242367	21
40	9.4575840	9.9813608	9.4762233	10.5237767	20
41	9.4580058	9.9813229	9.4766829	10.5233171	19
42	9.4584271	9.9812850	9.4771421	10.5228579	18
43	9.4588480	9.9812471	9.4776009	10.5223991	17
44	9.4592684	9.9812091	9.4780592	10.5219408	16
45	9.4596884	9.9811711	9.4785172	10.5214828	15
46	9.4601079	9.9811331	9.4789748	10.5210251	14
47	9.4605270	9.9810950	9.4794319	10.5205681	13
48	9.4609456	9.9810569	9.4798887	10.5201113	12
49	9.4613638	9.9810187	9.4803451	10.5196549	11
50	9.4617816	9.9809805	9.4808011	10.5191989	10
51	9.4621989	9.9809423	9.4812566	10.5187434	9
52	9.4626158	9.9809040	9.4817118	10.5182882	8
53	9.4630323	9.9808657	9.4821666	10.5178334	7
54	9.4634483	9.9808273	9.4826210	10.5173790	6
55	9.4638639	9.9807889	9.4830750	10.5169250	5
56	9.4642790	9.9807505	9.4835286	10.5164714	4
57	9.4646938	9.9807120	9.4839818	10.5160182	3
58	9.4651081	9.9806735	9.4844346	10.5155654	2
59	9.4655220	9.9806349	9.4848870	10.5151130	1
60	9.4659353	9.9805963	9.4853390	10.5146610	0
		Sin. 73.		Tang. 73.	M

M	Sin. 17.		Tang. 17.		
0	9.4659353	9.9805963	9.4853390	10.5146619	60
1	9.4663483	9.9805577	9.4857907	10.5142093	59
2	9.4667609	9.9805190	9.4862419	10.5137581	58
3	9.4671730	9.9804803	9.4866928	10.5133072	57
4	9.4675848	9.9804415	9.4871433	10.5128567	56
5	9.4679960	9.9804027	9.4875933	10.5124067	55
6	9.4684069	9.9803639	9.4880430	10.5119570	54
7	9.4688173	9.9803250	9.4884924	10.5115076	53
8	9.4692273	9.9802860	9.4889413	10.5110587	52
9	9.4696369	9.9802471	9.4893898	10.5106102	51
10	9.4700461	9.9802081	9.4898380	10.5101620	50
11	9.4704548	9.9801690	9.4902858	10.5097142	49
12	9.4708631	9.9801299	9.4907332	10.5092668	48
13	9.4712710	9.9800908	9.4911802	10.5088198	47
14	9.4716785	9.9800516	9.4916269	10.5083731	46
15	9.4720856	9.9800124	9.4920731	10.5079269	45
16	9.4724922	9.9799732	9.4925190	10.5074810	44
17	9.4728985	9.9799339	9.4929646	10.5070354	43
18	9.4733043	9.9798946	9.4934097	10.5065903	42
19	9.4737097	9.9798552	9.4938545	10.5061455	41
20	9.4741146	9.9798158	9.4942988	10.5057012	40
21	9.4745192	9.9797764	9.4947429	10.5052571	39
22	9.4749234	9.9797369	9.4951865	10.5048135	38
23	9.4753271	9.9796973	9.4956298	10.5043702	37
24	9.4757304	9.9796578	9.4960727	10.5039273	36
25	9.4761334	9.9796182	9.4965152	10.5034848	35
26	9.4765359	9.9795785	9.4969574	10.5030426	34
27	9.4769380	9.9795388	9.4973991	10.5026009	33
28	9.4773396	9.9794991	9.4978406	10.5021594	32
29	9.4777409	9.9794593	9.4982816	10.5017184	31
30	9.4781418	9.9794195	9.4987223	10.5012777	30
		Sin. 72.		Tang. 72.	M

M	Sin. 17.		Tang. 17.		
30	9.4781418	9.9794195	9.4987223	10.5012777	30
31	9.4785423	9.9793796	9.4991626	10.5008374	29
32	9.4789423	9.9793398	9.4996026	10.5003974	28
33	9.4793420	9.9792998	9.5000422	10.4999578	27
34	9.4797412	9.9792599	9.5004814	10.4995186	26
35	9.4801401	9.9792198	9.5009203	10.4990797	25
36	9.4805385	9.9791798	9.5013588	10.4986413	24
37	9.4809366	9.9791397	9.5017969	10.4982031	23
38	9.4813342	9.9790996	9.5022347	10.4977653	22
39	9.4817315	9.9790594	9.5026721	10.4973279	21
40	9.4821283	9.9790192	9.5031092	10.4968908	20
41	9.4825248	9.9789789	9.5035459	10.4964541	19
42	9.4829208	9.9789386	9.5039822	10.4960178	18
43	9.4833165	9.9788983	9.5044182	10.4955818	17
44	9.4837117	9.9788579	9.5048538	10.4951467	16
45	9.4841066	9.9788175	9.5052891	10.4947109	15
46	9.4845010	9.9787770	9.5057240	10.4942760	14
47	9.4848951	9.9787365	9.5061586	10.4938414	13
48	9.4852888	9.9786960	9.5065928	10.4934072	12
49	9.4856820	9.9786554	9.5070267	10.4929733	11
50	9.4860749	9.9786148	9.5074602	10.4925398	10
51	9.4864674	9.9785741	9.5078933	10.4921067	9
52	9.4868595	9.9785334	9.5083261	10.4916739	8
53	9.4872512	9.9784927	9.5087586	10.4912414	7
54	9.4876426	9.9784519	9.5091907	10.4908093	6
55	9.4880335	9.9784111	9.5096224	10.4903776	5
56	9.4884240	9.9783702	9.5100539	10.4899461	4
57	9.4888142	9.9783293	9.5104849	10.4895151	3
58	9.4892040	9.9782883	9.5109156	10.4890844	2
59	9.4895934	9.9782474	9.5113460	10.4886540	1
60	9.4899824	9.9782063	9.5117760	10.4882240	0
		Sin. 72.		Tang. 72.	M

M	Sin. 18.		Tang. 18.		
0	9.4899824	9.9782063	9.5117760	10.4882240	60
1	9.4903710	9.9781653	9.5122057	10.4877943	59
2	9.4907592	9.9781241	9.5126351	10.4873649	58
3	9.4911471	9.9780830	9.5130641	10.4869359	57
4	9.4915345	9.9780418	9.5134927	10.4865073	56
5	9.4919216	9.9780006	9.5139210	10.4860790	55
6	9.4923083	9.9779593	9.5143490	10.4856510	54
7	9.4926646	9.9779180	9.5147766	10.4852234	53
8	9.4930806	9.9778767	9.5152039	10.4847961	52
9	9.4934661	9.9778353	9.5156309	10.4843691	51
10	9.4938513	9.9777938	9.5160575	10.4849425	50
11	9.4942361	9.9777523	9.5164838	10.4835162	49
12	9.4946205	9.9777108	9.5169097	10.4830903	48
13	9.4950046	9.9776693	9.5173353	10.4826647	47
14	9.4953883	9.9776277	9.5177606	10.4822394	46
15	9.4957716	9.9775860	9.5181855	10.4818145	45
16	9.4961545	9.9775444	9.5186101	10.4813899	44
17	9.4965370	9.9775026	9.5190344	10.4809656	43
18	9.4969192	9.9774609	9.5194583	10.4805417	42
19	9.4973010	9.9774191	9.5198819	10.4801181	41
20	9.4976824	9.9773772	9.5103052	10.4796948	40
21	9.4980635	9.9773354	9.5107282	10.4792718	39
22	9.4984442	9.9772934	9.5211508	10.4788492	38
23	9.4988245	9.9772515	9.5215730	10.4784270	37
24	9.4992045	9.9772095	9.5219950	10.4780050	36
25	9.4995840	9.9771674	9.5224166	10.4775834	35
26	9.4999633	9.9771253	9.5228379	10.4771621	34
27	9.5003421	9.9770832	9.5232589	10.4767411	33
28	9.5007206	9.9770410	9.5236795	10.4763205	32
29	9.5010987	9.9769988	9.5240999	10.4759001	31
30	9.5014764	9.9769566	9.5245199	10.4754801	30
		Sin. 71.		Tang. 71.	M

M	Sin. 18.		Tang. 18.		
30	9.5014764	9.9769566	9.5245109	10.4754801	30
31	9.5018538	9.9769143	9.5249395	10.4750005	29
32	9.5022308	9.9768720	9.5253589	10.4746411	28
33	9.5026075	9.9768296	9.5257779	10.4742221	27
34	9.5029838	9.9767872	9.5261966	10.4738034	26
35	9.5033597	9.9767447	9.5266150	10.4733850	25
36	9.5037353	9.9767022	9.5270331	10.4729669	24
37	9.5041105	9.9766597	9.5274508	10.4725492	23
38	9.5044853	9.9766171	9.5278682	10.4721318	22
39	9.5048598	9.9765745	9.5282853	10.4717147	21
40	9.5052339	9.9765318	9.5287021	10.4712979	20
41	9.5056077	9.9764891	9.5291186	10.4708814	19
42	9.5059811	9.9764464	9.5295347	10.4704653	18
43	9.5063542	9.9764036	9.5299505	10.4700495	17
44	9.5067269	9.9763608	9.5303661	10.4696339	16
45	9.5070992	9.9763179	9.5307813	10.4692187	15
46	9.5074712	9.9762750	9.5311961	10.4688039	14
47	9.5078428	9.9762321	9.5316107	10.4683893	13
48	9.5082141	9.9761891	9.5320250	10.4679750	12
49	9.5085850	9.9761461	9.5324389	10.4675611	11
50	9.5089556	9.9761030	9.5328526	10.4671474	10
51	9.5093258	9.9760599	9.5332659	10.4667341	9
52	9.5096956	9.9760167	9.5336789	10.4663211	8
53	9.5100651	9.9759736	9.5340916	10.4659084	7
54	9.5104343	9.9759303	9.5345040	10.4654960	6
55	9.5108031	9.9758870	9.5349161	10.4650839	5
56	9.5111716	9.9758437	9.5353278	10.4646722	4
57	9.5115397	9.9758004	9.5357393	10.4642607	3
58	9.5119074	9.9757570	9.5361505	10.4638495	2
59	9.5122749	9.9757135	9.5365613	10.4634387	1
60	9.5126419	9.9756701	9.5369719	10.4630281	0
		Sin. 71.		Tang. 71.	M

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M	Sin. 19.		Tang. 19.		
0	9.5126419	9.9756701	9.5369719	10.4630281	60
1	9.5130086	9.9756265	9.5373821	10.4626179	59
2	9.5133750	9.9755830	9.5377920	10.4622080	58
3	9.5137410	9.9755394	9.5382017	10.4617983	57
4	9.5141067	9.9754957	9.5386110	10.4613890	56
5	9.5144721	9.9754521	9.5390200	10.4609800	55
6	9.5148371	9.9754083	9.5394287	10.4605713	54
7	9.5152017	9.9753646	9.5398371	10.4601629	53
8	9.5155660	9.9753208	9.5402453	10.4597547	52
9	9.5159300	9.9752769	9.5406531	10.4593469	51
10	9.5162936	9.9752330	9.5410605	10.4589394	50
11	9.5166569	9.9751891	9.5414678	10.4585322	49
12	9.5170198	9.9751451	9.5418747	10.4581253	48
13	9.5173824	9.9751011	9.5422813	10.4577187	47
14	9.5177447	9.9750570	9.5426877	10.4573123	46
15	9.5181066	9.9750129	9.5430937	10.4569063	45
16	9.5184682	9.9749688	9.5434994	10.4565005	44
17	9.5188295	9.9749246	9.5439048	10.4560952	43
18	9.5191904	9.9748804	9.5443100	10.4556900	42
19	9.5195510	9.9748361	9.5447148	10.4552852	41
20	9.5199112	9.9747918	9.5451193	10.4548807	40
21	9.5202711	9.9747475	9.5455230	10.4544764	39
22	9.5206307	9.9747031	9.5459270	10.4540724	38
23	9.5209899	9.9746587	9.5463312	10.4536688	37
24	9.5213488	9.9746142	9.5467346	10.4532654	36
25	9.5217074	9.9745697	9.5471377	10.4528623	35
26	9.5220656	9.9745252	9.5475405	10.4524595	34
27	9.5224235	9.9744806	9.5479430	10.4520570	33
28	9.5227811	9.9744359	9.5483452	10.4516548	32
29	9.5231383	9.9743913	9.5487471	10.4512529	31
30	9.5234953	9.9743466	9.5491487	10.4508513	30
		Sin. 70.		Tang. 70.	M

M	Sin. 19.		Tang. 19.		
30	9.5234953	9.9743466	9.5491487	10.4508513	30
31	9.5238518	9.9743018	9.5495500	10.4504500	29
32	9.5242081	9.9742570	9.5499511	10.4500489	28
33	9.5245640	9.9742122	9.5503519	10.4496481	27
34	9.5249196	9.9741673	9.5507523	10.4492477	26
35	9.5252749	9.9741224	9.5511525	10.4488475	25
36	9.5256298	9.9740774	9.5515524	10.4484476	24
37	9.5259844	9.9740324	9.5519521	10.4480479	23
38	9.5263387	9.9739873	9.5523514	10.4476486	22
39	9.5266927	9.9739422	9.5527504	10.4472496	21
40	9.5270463	9.9738971	9.5531492	10.4468508	20
41	9.5273997	9.9738519	9.5535477	10.4464523	19
42	9.5277526	9.9738067	9.5539459	10.4460541	18
43	9.5281053	9.9737615	9.5543438	10.4456562	17
44	9.5284577	9.9737162	9.5547415	10.4452585	16
45	9.5288097	9.9736700	9.5551388	10.4448612	15
46	9.5291614	9.9736255	9.5555359	10.4444641	14
47	9.5295128	9.9735801	9.5559327	10.4440673	13
48	9.5298638	9.9735346	9.5563292	10.4436708	12
49	9.5302146	9.9734891	9.5567255	10.4432745	11
50	9.5305650	9.9734435	9.5571214	10.4428786	10
51	9.5309151	9.9733980	9.5575171	10.4424829	9
52	9.5312649	9.9733523	9.5579125	10.4420875	8
53	9.5316143	9.9733067	9.5583077	10.4416923	7
54	9.5319635	9.9732610	9.5587025	10.4412975	6
55	9.5323123	9.9732152	9.5590971	10.4409029	5
56	9.5326608	9.9731694	9.5594914	10.4405086	4
57	9.5330090	9.9731236	9.5598854	10.4401146	3
58	9.5333569	9.9730777	9.5602792	10.4397207	2
59	9.5337044	9.9730318	9.5606727	10.4393273	1
60	9.5340517	9.9729858	9.5610659	10.4389341	0
		Sin. 70.		Tang. 70.	M

M	Sin. 20.	Tang. 20.			
0	9.5340517	9.9729858	9.5610636	10.4389341	60
1	9.5343986	9.9729398	9.5614588	10.4385412	59
2	9.5347452	9.9728938	9.5618515	10.4381485	58
3	9.5350915	9.9728477	9.5622432	10.4377561	57
4	9.5354375	9.9728016	9.5626360	10.4373640	56
5	9.5357832	9.9727554	9.5630278	10.4369722	55
6	9.5361286	9.9727092	9.5634194	10.4365806	54
7	9.5364737	9.9726629	9.5638107	10.4361893	53
8	9.5368184	9.9726166	9.5642018	10.4357982	52
9	9.5371628	9.9725703	9.5645925	10.4354073	51
10	9.5375069	9.9725239	9.5649831	10.4350169	50
11	9.5378508	9.9724775	9.5653733	10.4346267	49
12	9.5381943	9.9724310	9.5657633	10.4342367	48
13	9.5385375	9.9723845	9.5661530	10.4338470	47
14	9.5388804	9.9723380	9.5665424	10.4334576	46
15	9.5392230	9.9722914	9.5669316	10.4330684	45
16	9.5395653	9.9722448	9.5673205	10.4326795	44
17	9.5399073	9.9721981	9.5677091	10.4322909	43
18	9.5402489	9.9721514	9.5680975	10.4319025	42
19	9.5405903	9.9721047	9.5684856	10.4315144	41
20	9.5409314	9.9720579	9.5688735	10.4311265	40
21	9.5412721	9.9720110	9.5692611	10.4307389	39
22	9.5416126	9.9719642	9.5696484	10.4303516	38
23	9.5419527	9.9719172	9.5700355	10.4299645	37
24	9.5422926	9.9718703	9.5704223	10.4295777	36
25	9.5426321	9.9718233	9.5708088	10.4291912	35
26	9.5429713	9.9717762	9.5711951	10.4288049	34
27	9.5433103	9.9717291	9.5715811	10.4284189	33
28	9.5436489	9.9716820	9.5719669	10.4280331	32
29	9.5439873	9.9716348	9.5723524	10.4276476	31
30	9.5443253	9.9715876	9.5727377	10.4272623	30
					M
				Tang. 69.	

M	Sin. 20.	Tang. 20.			
30	9.5443253	9.9715876	9.5727377	10.4272623	30
31	9.5446630	9.9715404	9.5731227	10.4268773	29
32	9.5450005	9.9714931	9.5735074	10.4264926	28
33	9.5453376	9.9714457	9.5738919	10.4261081	27
34	9.5456745	9.9713984	9.5742761	10.4257239	26
35	9.5460110	9.9713509	9.5746601	10.4253399	25
36	9.5463472	9.9713035	9.5750438	10.4249562	24
37	9.5466832	9.9712560	9.5754292	10.4245728	23
38	9.5470189	9.9712084	9.5758104	10.4241896	22
39	9.5473542	9.9711608	9.5761934	10.4238066	21
40	9.5476893	9.9711132	9.5765761	10.4234239	20
41	9.5480240	9.9710655	9.5769585	10.4230415	19
42	9.5483585	9.9710178	9.5773407	10.4226593	18
43	9.5486927	9.9709701	9.5777226	10.4222774	17
44	9.5490266	9.9709223	9.5781043	10.4218957	16
45	9.5493602	9.9708744	9.5784858	10.4215142	15
46	9.5496935	9.9708265	9.5788669	10.4211331	14
47	9.5500265	9.9707786	9.5792479	10.4207521	13
48	9.5503592	9.9707306	9.5796286	10.4203714	12
49	9.5506916	9.9706826	9.5800090	10.4199910	11
50	9.5510237	9.9706346	9.5803892	10.4196108	10
51	9.5513556	9.9705865	9.5807691	10.4192309	9
52	9.5516871	9.9705383	9.5811488	10.4188512	8
53	9.5520184	9.9704902	9.5815282	10.4184718	7
54	9.5523494	9.9704419	9.5819074	10.4180926	6
55	9.5526801	9.9703937	9.5822864	10.4177136	5
56	9.5530105	9.9703454	9.5826651	10.4173349	4
57	9.5533406	9.9702970	9.5830435	10.4169565	3
58	9.5536704	9.9702486	9.5834217	10.4165783	2
59	9.5539999	9.9702002	9.5837997	10.4162003	1
60	9.5543292	9.9701517	9.5841774	10.4158226	0
					M
		Sin. 69.		Tang. 69.	

M	Sin. 21.		Tang. 21.		
0	9.5543292	9.9701517	9.5841774	10.4158226	60
1	9.5546581	9.9701032	9.5845549	10.4154451	59
2	9.5549868	9.9700547	9.5849321	10.4150679	58
3	9.5553152	9.9700061	9.5853091	10.4146909	57
4	9.5556433	9.9699574	9.5856859	10.4143141	56
5	9.5559711	9.9699087	9.5860624	10.4139376	55
6	9.5562987	9.9698600	9.5864386	10.4135614	54
7	9.5566259	9.9698112	9.5868147	10.4131853	53
8	9.5569529	9.9697624	9.5871904	10.4128096	52
9	9.5572796	9.9697136	9.5875660	10.4124340	51
10	9.5576060	9.9696647	9.5879413	10.4120587	50
11	9.5579321	9.9696158	9.5883163	10.4116837	49
12	9.5582579	9.9695668	9.5886912	10.4113088	48
13	9.5585835	9.9695177	9.5890657	10.4109343	47
14	9.5589088	9.9694687	9.5894401	10.4105599	46
15	9.5592338	9.9694196	9.5898142	10.4101858	45
16	9.5595585	9.9693704	9.5901881	10.4098119	44
17	9.5598829	9.9693212	9.5905617	10.4094383	43
18	9.5602071	9.9692720	9.5909351	10.4090649	42
19	9.5605310	9.9692227	9.5913082	10.4086918	41
20	9.5608546	9.9691734	9.5916812	10.4083188	40
21	9.5611779	9.9691240	9.5920539	10.4079461	39
22	9.5615010	9.9690746	9.5924263	10.4075737	38
23	9.5618237	9.9690252	9.5927985	10.4072013	37
24	9.5621462	9.9689757	9.5931705	10.4068295	36
25	9.5624685	9.9689262	9.5935423	10.4064577	35
26	9.5627904	9.9688766	9.5939138	10.4060862	34
27	9.5631121	9.9688270	9.5942851	10.4057149	33
28	9.5634335	9.9687773	9.5946561	10.4053439	32
29	9.5637546	9.9687276	9.5950269	10.4049731	31
30	9.5640754	9.9686779	9.5953975	10.4046025	30
		Sin. 68.		Tang. 68.	M

M	Sin. 21.		Tang. 21.		
30	9.5640754	9.9686779	9.5953975	10.4046025	30
31	9.5643960	9.9686281	9.5957679	10.4042321	29
32	9.5647163	9.9685783	9.5961380	10.4038620	28
33	9.5650363	9.9685284	9.5965079	10.4034921	27
34	9.5653561	9.9684785	9.5968776	10.4031224	26
35	9.5656756	9.9684286	9.5972470	10.4027530	25
36	9.5659948	9.9683786	9.5976162	10.4023838	24
37	9.5663137	9.9683285	9.5979852	10.4020148	23
38	9.5666324	9.9682784	9.5983540	10.4016460	22
39	9.5669508	9.9682283	9.5987225	10.4012775	21
40	9.5673689	9.9681781	9.5990908	10.4009092	20
41	9.5677868	9.9681279	9.5994588	10.4005411	19
42	9.5679044	9.9680777	9.5998267	10.4001733	18
43	9.5682217	9.9680274	9.6001943	10.3998057	17
44	9.5685387	9.9679771	9.6005617	10.3994383	16
45	9.5688553	9.9679267	9.6009289	10.3990711	15
46	9.5691721	9.9678763	9.6012958	10.3987042	14
47	9.5694883	9.9678258	9.6016625	10.3983375	13
48	9.5698043	9.9677753	9.6020290	10.3979710	12
49	9.5701200	9.9677247	9.6023953	10.3976047	11
50	9.5704355	9.9676741	9.6027613	10.3972387	10
51	9.5707506	9.9676235	9.6031271	10.3968729	9
52	9.5710656	9.9675728	9.6034927	10.3965073	8
53	9.5713802	9.9675221	9.6038581	10.3961419	7
54	9.5716946	9.9674713	9.6042233	10.3957766	6
55	9.5720087	9.9674205	9.6045882	10.3954118	5
56	9.5723226	9.9673697	9.6049529	10.3950471	4
57	9.5726362	9.9673188	9.6053174	10.3946826	3
58	9.5729495	9.9672679	9.6056817	10.3943183	2
59	9.5732626	9.9672169	9.6060457	10.3939543	1
60	9.5735754	9.9671659	9.6064096	10.3935904	0
		Sin. 68.		Tang. 68.	M

M	Sin. 22.		Tang. 22.		
0	9.5735754	9.9671659	9.6064096	10.3935904	60
1	9.5738880	9.9671148	9.6067732	10.3932268	59
2	9.5742003	9.9670637	9.6071366	10.3928634	58
3	9.5745123	9.9670125	9.6074997	10.3925003	57
4	9.5748240	9.9669614	9.6078627	10.3921373	56
5	9.5751356	9.9669101	9.6082254	10.3917746	55
6	9.5754468	9.9668588	9.6085880	10.3914120	54
7	9.5757578	9.9668075	9.6089503	10.3910497	53
8	9.5760685	9.9667562	9.6093124	10.3906876	52
9	9.5763790	9.9667048	9.6096742	10.3903258	51
10	9.5766892	9.9666533	9.6100359	10.3899641	50
11	9.5769991	9.9666018	9.6103973	10.3896027	49
12	9.5773088	9.9665503	9.6107586	10.3892414	48
13	9.5776183	9.9664987	9.6111199	10.3888804	47
14	9.5779275	9.9664471	9.6114814	10.3885196	46
15	9.5782364	9.9663954	9.6118429	10.3881591	45
16	9.5785450	9.9663437	9.6122043	10.3877987	44
17	9.5788535	9.9662920	9.6125657	10.3874385	43
18	9.5791616	9.9662402	9.6129271	10.3870786	42
19	9.5794695	9.9661884	9.6132885	10.3867188	41
20	9.5797772	9.9661365	9.6136497	10.3863593	40
21	9.5800845	9.9660846	9.6140109	10.3859999	39
22	9.5803917	9.9660326	9.6143721	10.3856409	38
23	9.5806986	9.9659806	9.6147330	10.3852820	37
24	9.5810052	9.9659285	9.6150936	10.3849234	36
25	9.5813116	9.9658764	9.6154541	10.3845649	35
26	9.5816177	9.9658241	9.6158144	10.3842066	34
27	9.5819236	9.9657721	9.6161744	10.3838486	33
28	9.5822292	9.9657201	9.6165342	10.3834907	32
29	9.5825345	9.9656677	9.6168939	10.3831331	31
30	9.5828397	9.9656153	9.6172533	10.3827757	30
		Sin. 67.		Tang. 67.	M

M	Sin. 22.		Tang. 22.		
30	9.5828397	9.9656153	9.6172533	10.3827757	30
31	9.5831445	9.9655630	9.6175815	10.3824185	29
32	9.5834491	9.9655106	9.6179385	10.3820615	28
33	9.5837535	9.9654582	9.6182953	10.3817047	27
34	9.5840576	9.9654057	9.6186519	10.3813481	26
35	9.5843615	9.9653532	9.6190083	10.3809917	25
36	9.5846651	9.9653006	9.6193645	10.3806355	24
37	9.5849685	9.9652480	9.6197205	10.3802795	23
38	9.5851716	9.9651953	9.6200762	10.3799238	22
39	9.5853745	9.9651426	9.6204318	10.3795682	21
40	9.5855771	9.9650899	9.6207872	10.3792128	20
41	9.5861795	9.9650371	9.6211423	10.3788577	19
42	9.5864816	9.9649843	9.6214974	10.3785026	18
43	9.5867835	9.9649314	9.6218520	10.3781480	17
44	9.5870851	9.9648785	9.6222066	10.3777934	16
45	9.5873865	9.9648256	9.6225609	10.3774391	15
46	9.5876876	9.9647726	9.6229150	10.3770850	14
47	9.5879885	9.9647195	9.6232690	10.3767310	13
48	9.5882892	9.9646665	9.6236227	10.3763773	12
49	9.5885896	9.9646133	9.6239763	10.3760237	11
50	9.5888897	9.9645602	9.6243296	10.3756704	10
51	9.5891897	9.9645069	9.6246827	10.3753173	9
52	9.5894893	9.9644537	9.6250356	10.3749644	8
53	9.5897888	9.9644004	9.6253884	10.3746116	7
54	9.5900880	9.9643470	9.6257409	10.3742591	6
55	9.5903869	9.9642937	9.6260932	10.3739068	5
56	9.5906856	9.9642402	9.6264454	10.3735546	4
57	9.5909841	9.9641868	9.6267973	10.3732027	3
58	9.5912823	9.9641332	9.6271491	10.3728509	2
59	9.5915803	9.9640797	9.6275006	10.3724994	1
60	9.5918780	9.9640261	9.6278519	10.3721481	0
		Sin. 67.		Tang. 67.	M

M	Sin. 23.		Tang. 23.		
0	9.5918780	9.9640261	9.6278519	10.3721481	60
1	9.5921755	9.9639724	9.6282020	10.3717969	59
2	9.5924728	9.9639187	9.6285540	10.3714460	58
3	9.5927698	9.9638650	9.6289048	10.3710952	57
4	9.5930666	9.9638112	9.6292553	10.3707447	56
5	9.5933631	9.9637574	9.6296057	10.3703943	55
6	9.5936594	9.9637036	9.6299558	10.3700442	54
7	9.5939555	9.9636496	9.6303057	10.3696942	53
8	9.5942513	9.9635957	9.6306556	10.3693444	52
9	9.5945469	9.9635417	9.6310052	10.3689948	51
10	9.5948422	9.9634877	9.6313545	10.3686455	50
11	9.5951373	9.9634336	9.6317037	10.3682963	49
12	9.5954322	9.9633795	9.6320527	10.3679473	48
13	9.5957268	9.9633253	9.6324015	10.3675985	47
14	9.5960212	9.9632711	9.6327501	10.3672499	46
15	9.5963154	9.9632168	9.6330985	10.3669015	45
16	9.5966093	9.9631625	9.6334468	10.3665532	44
17	9.5969030	9.9631082	9.6337948	10.3662052	43
18	9.5971965	9.9630538	9.6341426	10.3658574	42
19	9.5974897	9.9629994	9.6344903	10.3655097	41
20	9.5977827	9.9629449	9.6348378	10.3651622	40
21	9.5980754	9.9628904	9.6351850	10.3648150	39
22	9.5983680	9.9628358	9.6355321	10.3644679	38
23	9.5986602	9.9627812	9.6358790	10.3641210	37
24	9.5989523	9.9627266	9.6362257	10.3637743	36
25	9.5992441	9.9626719	9.6365722	10.3634278	35
26	9.5995357	9.9626172	9.6369185	10.3630815	34
27	9.5998270	9.9625624	9.6372646	10.3627354	33
28	9.6001181	9.9625076	9.6376106	10.3623894	32
29	9.6004090	9.9624527	9.6379563	10.3620437	31
30	9.6006997	9.9623978	9.6383019	10.3616981	30
		Sin. 66.		Tang. 66.	M

M	Sin. 23.		Tang. 23.		
30	9.6006997	9.9623978	9.1383019	10.3616981	30
31	9.6009901	9.9623428	9.6386473	10.3613527	29
32	9.6012803	9.9622878	9.6389925	10.3610075	28
33	9.6015703	9.9622328	9.6393375	10.3606625	27
34	9.6018600	9.9621777	9.6396823	10.3603177	26
35	9.6021495	9.9621226	9.6400269	10.3599731	25
36	9.6024388	9.9620674	9.6403714	10.3596286	24
37	9.6027278	9.9620123	9.6407156	10.3592844	23
38	9.6030166	9.9619569	9.6410597	10.3589403	22
39	9.6033052	9.9619016	9.6414036	10.3585964	21
40	9.6035936	9.9618463	9.6417473	10.3582527	20
41	9.6038817	9.9617909	9.6420908	10.3579092	19
42	9.6041696	9.9617355	9.6424342	10.3575658	18
43	9.6044573	9.9616800	9.6427773	10.3572227	17
44	9.6047448	9.9616245	9.6431203	10.3568797	16
45	9.6050320	9.9615689	9.6434631	10.3565370	15
46	9.6053190	9.9615133	9.6438057	10.3561943	14
47	9.6056057	9.9614576	9.6441481	10.3558519	13
48	9.6058923	9.9614020	9.6444903	10.3555097	12
49	9.6061786	9.9613463	9.6448324	10.3551676	11
50	9.6064647	9.9612904	9.6451743	10.3548257	10
51	9.6067506	9.9612346	9.6455160	10.3544840	9
52	9.6070362	9.9611787	9.6458575	10.3541425	8
53	9.6073216	9.9611228	9.6461988	10.3538012	7
54	9.6076068	9.9610668	9.6465400	10.3534600	6
55	9.6078918	9.9610108	9.6468810	10.3531190	5
56	9.6081765	9.9609548	9.6472217	10.3527783	4
57	9.6084611	9.9608987	9.6475624	10.3524376	3
58	9.6087454	9.9608426	9.6479028	10.3520972	2
59	9.6090294	9.9607864	9.6482431	10.3517569	1
60	9.6093133	9.9607302	9.6485831	10.3514169	0
		Sin. 66.		Tang. 66.	M

M	Sin. 24.		Tang. 24.		
0	9.6093133	9.9607302	9.6485831	10.3514169	60
1	9.6095969	9.9606739	9.6489230	10.351270	59
2	9.6098803	9.9606176	9.6492628	10.3511237	58
3	9.6101635	9.9605612	9.6496026	10.350977	57
4	9.6104465	9.9605048	9.6499424	10.3508303	56
5	9.6107293	9.9604484	9.6502822	10.3506831	55
6	9.6110118	9.9603919	9.6506219	10.3495301	54
7	9.6112941	9.9603354	9.6509617	10.349383	53
8	9.6115762	9.9602788	9.6513014	10.3487026	52
9	9.6118580	9.9602222	9.6516411	10.3485564	51
10	9.6121397	9.9601655	9.6519808	10.3484102	50
11	9.6124211	9.9601088	9.6523205	10.3477687	49
12	9.6127023	9.9600520	9.6526602	10.3476225	48
13	9.6129833	9.9599952	9.6530000	10.3474763	47
14	9.6132641	9.9599384	9.6533397	10.3473301	46
15	9.6135446	9.9598815	9.6536794	10.3471839	45
16	9.6138250	9.9598246	9.6540191	10.3459996	44
17	9.6141051	9.9597676	9.6543588	10.3458625	43
18	9.6143850	9.9597106	9.6546985	10.3457256	42
19	9.6146647	9.9596535	9.6550382	10.3455888	41
20	9.6149441	9.9595964	9.6553779	10.3454523	40
21	9.6152234	9.9595393	9.6557176	10.3443159	39
22	9.6155024	9.9594821	9.6560573	10.3441796	38
23	9.6157812	9.9594248	9.6563970	10.3440436	37
24	9.6160598	9.9593675	9.6567367	10.3439077	36
25	9.6163382	9.9593102	9.6570764	10.3429720	35
26	9.6166164	9.9592528	9.6574161	10.3426364	34
27	9.6168944	9.9591954	9.6577558	10.3423011	33
28	9.6171721	9.9591380	9.6580955	10.3419659	32
29	9.6174496	9.9590805	9.6584352	10.3416308	31
30	9.6177270	9.9590229	9.6587749	10.3412960	30
		Sin. 65.		Tang. 65.	M

M	Sin. 24.		Tang. 24.		
30	9.6177270	9.9590229	9.6587749	10.3412960	30
31	9.6180041	9.9589653	9.6590387	10.3409613	29
32	9.6182809	9.9589077	9.6593733	10.3406267	28
33	9.6185576	9.9588500	9.6597076	10.3402924	27
34	9.6188341	9.9587923	9.6600418	10.3399582	26
35	9.6191103	9.9587345	9.6603758	10.3396242	25
36	9.6193864	9.9586767	9.6607097	10.3392903	24
37	9.6196622	9.9586188	9.6610434	10.3389566	23
38	9.6199378	9.9585609	9.6613769	10.3386231	22
39	9.6202132	9.9585030	9.6617103	10.3382897	21
40	9.6204884	9.9584450	9.6620434	10.3379566	20
41	9.6207634	9.9583869	9.6623765	10.3376235	19
42	9.6210382	9.9583288	9.6627093	10.3372907	18
43	9.6213127	9.9582707	9.6630420	10.3369580	17
44	9.6215871	9.9582125	9.6633745	10.3366255	16
45	9.6218612	9.9581543	9.6637069	10.3362931	15
46	9.6221351	9.9580961	9.6640391	10.3359609	14
47	9.6224088	9.9580378	9.6643711	10.3356289	13
48	9.6226824	9.9579794	9.6647030	10.3352970	12
49	9.6229557	9.9579210	9.6650346	10.3349654	11
50	9.6232287	9.9578626	9.6653662	10.3346338	10
51	9.6235016	9.9578041	9.6656975	10.3343025	9
52	9.6237743	9.9577456	9.6660288	10.3339712	8
53	9.6240468	9.9576870	9.6663598	10.3336402	7
54	9.6243190	9.9576284	9.6666907	10.3333093	6
55	9.6245911	9.9575697	9.6670214	10.3329786	5
56	9.6248629	9.9575110	9.6673519	10.3326481	4
57	9.6251346	9.9574522	9.6676823	10.3323177	3
58	9.6254060	9.9573934	9.6680126	10.3319874	2
59	9.6256772	9.9573346	9.6683426	10.3316574	1
60	9.6259483	9.9572757	9.6686725	10.3313275	0
		Sin. 65.		Tang. 65.	M

M	Sin. 25.		Tang. 25.		
0	9.6259483	9.9572757	9.6686725	10.3313275	60
1	9.6262191	9.9572168	9.6690023	10.3309977	59
2	9.6264897	9.9571578	9.6693319	10.3306681	58
3	9.6267601	9.9570988	9.6696611	10.3303387	57
4	9.6270303	9.9570397	9.6699905	10.3300094	56
5	9.6273003	9.9569806	9.6703197	10.3296803	55
6	9.6275701	9.9569215	9.6706486	10.3293514	54
7	9.6278397	9.9568623	9.6709774	10.3290226	53
8	9.6281090	9.9568030	9.6713060	10.3286940	52
9	9.6283782	9.9567437	9.6716345	10.3283655	51
10	9.6286472	9.9566844	9.6719628	10.3280372	50
11	9.6289160	9.9566250	9.6722910	10.3277090	49
12	9.6291845	9.9565656	9.6726192	10.3273810	48
13	9.6294529	9.9565061	9.6729475	10.3270532	47
14	9.6297211	9.9564466	9.6732745	10.3267255	46
15	9.6299890	9.9563870	9.6736022	10.3263980	45
16	9.6302568	9.9563274	9.6739294	10.3260706	44
17	9.6305243	9.9562678	9.6742566	10.3257434	43
18	9.6307917	9.9562081	9.6745836	10.3254164	42
19	9.6310589	9.9561483	9.6749105	10.3250895	41
20	9.6313258	9.9560886	9.6752372	10.3247628	40
21	9.6315926	9.9560287	9.6755638	10.3244362	39
22	9.6318591	9.9559689	9.6758903	10.3241097	38
23	9.6321255	9.9559089	9.6762167	10.3237835	37
24	9.6323916	9.9558490	9.6765426	10.3234574	36
25	9.6326576	9.9557890	9.6768685	10.3231314	35
26	9.6329233	9.9557289	9.6771944	10.3228056	34
27	9.6331889	9.9556688	9.6775201	10.3224799	33
28	9.6334542	9.9556087	9.6778456	10.3221544	32
29	9.6337194	9.9555485	9.6781709	10.3218291	31
30	9.6339844	9.9554882	9.6784961	10.3215039	30
	Sin. 64.		Tang. 64.	M	

M	Sin. 25.		Tang. 25.		
30	9.6339844	9.9554882	9.6784961	10.3215039	30
31	9.6342491	9.9554280	9.6788211	10.3211788	29
32	9.6345137	9.9553676	9.6791460	10.3208540	28
33	9.6347780	9.9553073	9.6794708	10.3205292	27
34	9.6350422	9.9552469	9.6797953	10.3202047	26
35	9.6353062	9.9551864	9.6801198	10.3198802	25
36	9.6355699	9.9551259	9.6804440	10.3195560	24
37	9.6358335	9.9550653	9.6807682	10.3192318	23
38	9.6360969	9.9550047	9.6810921	10.3189079	22
39	9.6363601	9.9549441	9.6814160	10.3185840	21
40	9.6366231	9.9548834	9.6817396	10.3182604	20
41	9.6368859	9.9548227	9.6820632	10.3179368	19
42	9.6371484	9.9547619	9.6823865	10.3176135	18
43	9.6374108	9.9547011	9.6827098	10.3172902	17
44	9.6376731	9.9546402	9.6830328	10.3169672	16
45	9.6379351	9.9545793	9.6833557	10.3166443	15
46	9.6381969	9.9545184	9.6836785	10.3163215	14
47	9.6384585	9.9544574	9.6840011	10.3159989	13
48	9.6387199	9.9543963	9.6843236	10.3156764	12
49	9.6389812	9.9543352	9.6846459	10.3153541	11
50	9.6392422	9.9542741	9.6849681	10.3150319	10
51	9.6395030	9.9542129	9.6852901	10.3147099	9
52	9.6397637	9.9541517	9.6856120	10.3143880	8
53	9.6400241	9.9540904	9.6859338	10.3140662	7
54	9.6402844	9.9540291	9.6862553	10.3137447	6
55	9.6405445	9.9539677	9.6865768	10.3134232	5
56	9.6408044	9.9539063	9.6868981	10.3131019	4
57	9.6410640	9.9538448	9.6872192	10.3127808	3
58	9.6413235	9.9537833	9.6875402	10.3124598	2
59	9.6415828	9.9537218	9.6878611	10.3121389	1
60	9.6418420	9.9536602	9.6881818	10.3118182	0
	Sin. 64.		Tang. 64.	M	

M	Sin. 26.		Tang. 26.		
0	9.6418420	9.9536602	9.6881818	10.3118182	60
1	9.6421009	9.9535985	9.6885023	10.3114977	59
2	9.6423596	9.9535369	9.6888227	10.3111773	58
3	9.6426182	9.9534751	9.6891430	10.3108570	57
4	9.6428765	9.9534134	9.6894631	10.3105369	56
5	9.6431347	9.9533515	9.6897831	10.3102169	55
6	9.6433926	9.9532897	9.6901030	10.3098970	54
7	9.6436504	9.9532278	9.6904229	10.3095774	53
8	9.6439080	9.9531658	9.6907422	10.3092578	52
9	9.6441654	9.9531038	9.6910616	10.3089384	51
10	9.6444226	9.9530418	9.6913809	10.3086191	50
11	9.6446796	9.9529797	9.6917000	10.3083000	49
12	9.6449365	9.9529175	9.6920189	10.3079811	48
13	9.6451931	9.9528553	9.6923378	10.3076622	47
14	9.6454496	9.9527931	9.6926565	10.3073435	46
15	9.6457058	9.9527308	9.6929750	10.3070250	45
16	9.6459619	9.9526685	9.6932934	10.3067066	44
17	9.6462178	9.9526061	9.6936117	10.3063883	43
18	9.6464735	9.9525437	9.6939298	10.3060702	42
19	9.6467290	9.9524813	9.6942478	10.3057522	41
20	9.6469844	9.9524188	9.6945656	10.3054344	40
21	9.6472395	9.9523562	9.6948833	10.3051167	39
22	9.6474945	9.9522936	9.6952009	10.3047991	38
23	9.6477492	9.9522310	9.6955183	10.3044817	37
24	9.6480038	9.9521683	9.6958355	10.3041645	36
25	9.6482582	9.9521055	9.6961527	10.3038473	35
26	9.6485124	9.9520428	9.6964697	10.3035303	34
27	9.6487665	9.9519799	9.6967865	10.3032135	33
28	9.6490203	9.9519171	9.6971032	10.3028968	32
29	9.6492740	9.9518541	9.6974198	10.3025802	31
30	9.6495274	9.9517912	9.6977363	10.3022637	30
		Sin. 61.		Tang. 63.	M

M	Sin. 26.		Tang. 26.		
30	9.6495274	9.9517912	9.6977363	10.3022637	30
31	9.6497807	9.9517282	9.6980526	10.3019474	29
32	9.6500338	9.9516651	9.6983687	10.3016313	28
33	9.6502868	9.9516020	9.6986847	10.3013153	27
34	9.6505395	9.9515389	9.6990006	10.3009994	26
35	9.6507920	9.9514757	9.6993164	10.3006836	25
36	9.6510444	9.9514124	9.6996320	10.3003680	24
37	9.6512966	9.9513492	9.6999474	10.3000526	23
38	9.6515486	9.9512858	9.7002628	10.2997372	22
39	9.6518004	9.9512224	9.7005780	10.2994220	21
40	9.6520521	9.9511590	9.7008930	10.2991070	20
41	9.6523035	9.9510956	9.7012080	10.2987920	19
42	9.6525548	9.9510320	9.7015227	10.2984773	18
43	9.6528059	9.9509685	9.7018374	10.2981626	17
44	9.6530568	9.9509049	9.7021519	10.2978481	16
45	9.6533075	9.9508412	9.7024663	10.2975337	15
46	9.6535581	9.9507775	9.7027805	10.2972195	14
47	9.6538084	9.9507138	9.7030946	10.2969054	13
48	9.6540586	9.9506500	9.7034086	10.2965914	12
49	9.6543086	9.9505861	9.7037225	10.2962775	11
50	9.6545584	9.9505223	9.7040362	10.2959638	10
51	9.6548081	9.9504583	9.7043497	10.2956503	9
52	9.6550575	9.9503944	9.7046632	10.2953368	8
53	9.6553068	9.9503303	9.7049765	10.2950235	7
54	9.6555559	9.9502663	9.7052897	10.2947103	6
55	9.6558048	9.9502022	9.7056027	10.2943973	5
56	9.6560536	9.9501380	9.7059156	10.2940844	4
57	9.6563021	9.9500738	9.7062284	10.2937716	3
58	9.6565505	9.9500095	9.7065410	10.2934590	2
59	9.6567987	9.9499452	9.7068535	10.2931465	1
60	9.6570468	9.9498809	9.7071659	10.2928341	0
		Sin. 63.		Tang. 63.	M

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M	Sin. 27.		Tang. 27.		
0	9.6570468	9.9498809	9.7071659	10.2928341	60
1	9.6572946	9.9498165	9.7074781	10.2925219	59
2	9.6575423	9.9497521	9.7077902	10.2922098	58
3	9.6577898	9.9496876	9.7081022	10.2918978	57
4	9.6580371	9.9496230	9.7084141	10.2915859	56
5	9.6582842	9.9495585	9.7087258	10.2912742	55
6	9.6585312	9.9494938	9.7090374	10.2909626	54
7	9.6587780	9.9494293	9.7093488	10.2906512	53
8	9.6590246	9.9493645	9.7096601	10.2903399	52
9	9.6592710	9.9492997	9.7099713	10.2900287	51
10	9.6595173	9.9492349	9.7102824	10.2897176	50
11	9.6597634	9.9491700	9.7105933	10.2894067	49
12	9.6600093	9.9491051	9.7109041	10.2890959	48
13	9.6602550	9.9490402	9.7112148	10.2887852	47
14	9.6605005	9.9489752	9.7115254	10.2884746	46
15	9.6607459	9.9489101	9.7118358	10.2881642	45
16	9.6609911	9.9488450	9.7121461	10.2878539	44
17	9.6612361	9.9487799	9.7124562	10.2875438	43
18	9.6614810	9.9487147	9.7127662	10.2872338	42
19	9.6617257	9.9486495	9.7130761	10.2869239	41
20	9.6619701	9.9485842	9.7133859	10.2866141	40
21	9.6622145	9.9485189	9.7136956	10.2863044	39
22	9.6624586	9.9484535	9.7140051	10.2859949	38
23	9.6627026	9.9483881	9.7143145	10.2856855	37
24	9.6629464	9.9483227	9.7146237	10.2853763	36
25	9.6631900	9.9482572	9.7149329	10.2850671	35
26	9.6634335	9.9481916	9.7152419	10.2847581	34
27	9.6636768	9.9481260	9.7155508	10.2844492	33
28	9.6639199	9.9480604	9.7158595	10.2841405	32
29	9.6641628	9.9479947	9.7161682	10.2838318	31
30	9.6644056	9.9479289	9.7164767	10.2835233	30
		Sin. 62.		Tang. 62.	M

M	Sin. 27.		Tang. 27.		
30	9.6644056	9.9479289	9.7164767	10.2835233	30
31	9.6646482	9.9478631	9.7167851	10.2832149	29
32	9.6648906	9.9477973	9.7170933	10.2829067	28
33	9.6651329	9.9477314	9.7174014	10.2825986	27
34	9.6653749	9.9476655	9.7177094	10.2822906	26
35	9.6756168	9.9475995	9.7180173	10.2819827	25
36	9.6658586	9.9475335	9.7183251	10.2816749	24
37	9.6661001	9.9474674	9.7186327	10.2813673	23
38	9.6663415	9.9474013	9.7189402	10.2810598	22
39	9.6665828	9.9473352	9.7192476	10.2807524	21
40	9.6668238	9.9472689	9.7195549	10.2804451	20
41	9.6670647	9.9472027	9.7198620	10.2801380	19
42	9.6673054	9.9471364	9.7201690	10.2798309	18
43	9.6675459	9.9470700	9.7204759	10.2795241	17
44	9.6677863	9.9470036	9.7207827	10.2792173	16
45	9.6680265	9.9469372	9.7210893	10.2789107	15
46	9.6682665	9.9468707	9.7213958	10.2786042	14
47	9.6685064	9.9468042	9.7217022	10.2782978	13
48	9.6687461	9.9467376	9.7220085	10.2779915	12
49	9.6689856	9.9466710	9.7223147	10.2776853	11
50	9.6692250	9.9466043	9.7226207	10.2773793	10
51	9.6694642	9.9465376	9.7229266	10.2770734	9
52	9.6697032	9.9464708	9.7232324	10.2767676	8
53	9.6699420	9.9464040	9.7235381	10.2764619	7
54	9.6701807	9.9463371	9.7238436	10.2761564	6
55	9.6704192	9.9462702	9.7241490	10.2758510	5
56	9.6706576	9.9462032	9.7244543	10.2755457	4
57	9.6708958	9.9461362	9.7247595	10.2752405	3
58	9.6711338	9.9460692	9.7250646	10.2749354	2
59	9.6713716	9.9460021	9.7253695	10.2746305	1
60	9.6716093	9.9459349	9.7256744	10.2743256	0
		Sin. 62.		Tang. 62.	M

M	Sin. 28.		Tang. 28.		
0	9.6716093	9.9459349	9.7256744	10.2743256	60
1	9.6718468	9.9458677	9.7259791	10.2740209	59
2	9.6720841	9.9458005	9.7262837	10.2737163	58
3	9.6723213	9.9457332	9.7265884	10.2734119	57
4	9.6725583	9.9456659	9.7268925	10.2731075	56
5	9.6727952	9.9455985	9.7271967	10.2728033	55
6	9.6730319	9.9455310	9.7275008	10.2724992	54
7	9.6732684	9.9454636	9.7278048	10.2721952	53
8	9.6735047	9.9453960	9.7281087	10.2718913	52
9	9.6737409	9.9453285	9.7284124	10.2715876	51
10	9.6739769	9.9452609	9.7287161	10.2712839	50
11	9.6742128	9.9451932	9.7290196	10.2709804	49
12	9.6744485	9.9451255	9.7293230	10.2706770	48
13	9.6746840	9.9450577	9.7296263	10.2703737	47
14	9.6749194	9.9449899	9.7299295	10.2700705	46
15	9.6751546	9.9449220	9.7302325	10.2697675	45
16	9.6753896	9.9448541	9.7305354	10.2694646	44
17	9.6756245	9.9447862	9.7308383	10.2691617	43
18	9.6758592	9.9447182	9.7311410	10.2688590	42
19	9.6760937	9.9446501	9.7314436	10.2685564	41
20	9.6763281	9.9445821	9.7317460	10.2682540	40
21	9.6765623	9.9445139	9.7320484	10.2679516	39
22	9.6767963	9.9444457	9.7323500	10.2676494	38
23	9.6770302	9.9443775	9.7326527	10.2673473	37
24	9.6772640	9.9443092	9.7329547	10.2670453	36
25	9.6774975	9.9442409	9.7332566	10.2667434	35
26	9.6777309	9.9441725	9.7335584	10.2664416	34
27	9.6779643	9.9441041	9.7338601	10.2661399	33
28	9.6781972	9.9440356	9.7341616	10.2658384	32
29	9.6784301	9.9439671	9.7344631	10.2655369	31
30	9.6786629	9.9438985	9.7347644	10.2652356	30
		Sin. 61.		Tang. 61.	M

M	Sin. 28.		Tang. 28.		
30	9.6786629	9.9438985	9.7347644	10.2652356	30
31	9.6788955	9.9438299	9.7350656	10.2649344	29
32	9.6791279	9.9437612	9.7353667	10.2646333	28
33	9.6793602	9.9436925	9.7356677	10.2643323	27
34	9.6795923	9.9436238	9.7359685	10.2640315	26
35	9.6798243	9.9435549	9.7362693	10.2637307	25
36	9.6800560	9.9434861	9.7365699	10.2634301	24
37	9.6802877	9.9434172	9.7368705	10.2631295	23
38	9.6805191	9.9433482	9.7371709	10.2628291	22
39	9.6807504	9.9432792	9.7374712	10.2625288	21
40	9.6809816	9.9432102	9.7377714	10.2622286	20
41	9.6812126	9.9431411	9.7380715	10.2619285	19
42	9.6814434	9.9430720	9.7383714	10.2616286	18
43	9.6816741	9.9430028	9.7386713	10.2613287	17
44	9.6819046	9.9429335	9.7389710	10.2610290	16
45	9.6821349	9.9428643	9.7392707	10.2607293	15
46	9.6823651	9.9427949	9.7395702	10.2604298	14
47	9.6825952	9.9427255	9.7398696	10.2601304	13
48	9.6828250	9.9426561	9.7401689	10.2598311	12
49	9.6830548	9.9425866	9.7404681	10.2595319	11
50	9.6832843	9.9425171	9.7407672	10.2592328	10
51	9.6835137	9.9424476	9.7410662	10.2589338	9
52	9.6837430	9.9423779	9.7413650	10.2586350	8
53	9.6839720	9.9423083	9.7416638	10.2583362	7
54	9.6842010	9.9422386	9.7419624	10.2580376	6
55	9.6844297	9.9421688	9.7422609	10.2577391	5
56	9.6846583	9.9420990	9.7425594	10.2574406	4
57	9.6848868	9.9420291	9.7428577	10.2571423	3
58	9.6851151	9.9419592	9.7431559	10.2568441	2
59	9.6853432	9.9418893	9.7434540	10.2565460	1
60	9.6855712	9.9418193	9.7437520	10.2562480	0
		Sin. 61.		Tang. 61.	M

M	Sim. 29.		Tang. 29.		
0	9.6855712	9.9418193	9.7437520	10.2562480	60
1	9.6857991	9.9417492	9.7440499	10.2559501	59
2	9.6860267	9.9416791	9.7443476	10.2556524	58
3	9.6862542	9.9416090	9.7446453	10.2553547	57
4	9.6864816	9.9415388	9.7449428	10.2550572	56
5	9.6867088	9.9414685	9.7452403	10.2547597	55
6	9.6869359	9.9413982	9.7455376	10.2544624	54
7	9.6871628	9.9413279	9.7458349	10.2541651	53
8	9.6873895	9.9412575	9.7461320	10.2538680	52
9	9.6876161	9.9411871	9.7464290	10.2535710	51
10	9.6878425	9.9411166	9.7467259	10.2532741	50
11	9.6880688	9.9410461	9.7470227	10.2529773	49
12	9.6882949	9.9409755	9.7473194	10.2526806	48
13	9.6885209	9.9409048	9.7476160	10.2523840	47
14	9.6887467	9.9408342	9.7479125	10.2520875	46
15	9.6889723	9.9407634	9.7482089	10.2517911	45
16	9.6891978	9.9406927	9.7485052	10.2514945	44
17	9.6894232	9.9406219	9.7488013	10.2511987	43
18	9.6896484	9.9405510	9.7490974	10.2509026	42
19	9.6898734	9.9404801	9.7493934	10.2506066	41
20	9.6900983	9.9404091	9.7496892	10.2503108	40
21	9.6903231	9.9403381	9.7499850	10.2500150	39
22	9.6905476	9.9402670	9.7502806	10.2497194	38
23	9.6907721	9.9401959	9.7505762	10.2494238	37
24	9.6909964	9.9401248	9.7508716	10.2491284	36
25	9.6912205	9.9400535	9.7511669	10.2488331	35
26	9.6914445	9.9399823	9.7514622	10.2485378	34
27	9.6916683	9.9399110	9.7517573	10.2482427	33
28	9.6918919	9.9398396	9.7520523	10.2479477	32
29	9.6921155	9.9397682	9.7523472	10.2476528	31
30	9.6923388	9.9396968	9.7526420	10.2473580	30
	Sim. 60.		Tang. 60.		M

M	Sim. 29.		Tang. 29.		
30	9.6923388	9.9396968	9.7526420	10.2473580	30
31	9.6925620	9.9396253	9.7529368	10.2470632	29
32	9.6927851	9.9395537	9.7532314	10.2467686	28
33	9.6930080	9.9394821	9.7535259	10.2464741	27
34	9.6932308	9.9394105	9.7538203	10.2461797	26
35	9.6934534	9.9393388	9.7541146	10.2458854	25
36	9.6936758	9.9392671	9.7544088	10.2455912	24
37	9.6938981	9.9391953	9.7547029	10.2452971	23
38	9.6941203	9.9391234	9.7549969	10.2450031	22
39	9.6943423	9.9390515	9.7552908	10.2447092	21
40	9.6945642	9.9389796	9.7555846	10.2444154	20
41	9.6947859	9.9389076	9.7558783	10.2441217	19
42	9.6950074	9.9388356	9.7561718	10.2438282	18
43	9.6952288	9.9387635	9.7564653	10.2435347	17
44	9.6954501	9.9386914	9.7567587	10.2432413	16
45	9.6956712	9.9386192	9.7570520	10.2429480	15
46	9.6958922	9.9385470	9.7573452	10.2426548	14
47	9.6961130	9.9384747	9.7576383	10.2423617	13
48	9.6963336	9.9384024	9.7579313	10.2420687	12
49	9.6965541	9.9383300	9.7582242	10.2417758	11
50	9.6967745	9.9382576	9.7585170	10.2414830	10
51	9.6969947	9.9381851	9.7588096	10.2411904	9
52	9.6972148	9.9381126	9.7591022	10.2408978	8
53	9.6974347	9.9380400	9.7593947	10.2406053	7
54	9.6976545	9.9379674	9.7596871	10.2403129	6
55	9.6978741	9.9378947	9.7599794	10.2400206	5
56	9.6980936	9.9378220	9.7602716	10.2397284	4
57	9.6983129	9.9377492	9.7605637	10.2394363	3
58	9.6985321	9.9376764	9.7608557	10.2391443	2
59	9.6987511	9.9376035	9.7611476	10.2388524	1
60	9.6989700	9.9375306	9.7614394	10.2385606	0
	Sim. 60.		Tang. 60.		M

M	Sin. 30.		Tang. 30.		
0	9.6989700	9.9375306	9.7614394	10.2385606	60
1	9.6991887	9.9374577	9.7617311	10.2382689	59
2	9.6994073	9.9373847	9.7620227	10.2379773	58
3	9.6996258	9.9373116	9.7623142	10.2376858	57
4	9.6998441	9.9372385	9.7626056	10.2373944	56
5	9.7000622	9.9371653	9.7628969	10.2371031	55
6	9.7002802	9.9370921	9.7631881	10.2368119	54
7	9.7004981	9.9370189	9.7634792	10.2365208	53
8	9.7007158	9.9369456	9.7637702	10.2362298	52
9	9.7009334	9.9368722	9.7640612	10.2359388	51
10	9.7011508	9.9367988	9.7643520	10.2356480	50
11	9.7013681	9.9367254	9.7646427	10.2353573	49
12	9.7015852	9.9366519	9.7649334	10.2350666	48
13	9.7018022	9.9365783	9.7652239	10.2347761	47
14	9.7020190	9.9365047	9.7655143	10.2344857	46
15	9.7022357	9.9364311	9.7658047	10.2341953	45
16	9.7024523	9.9363574	9.7660949	10.2339051	44
17	9.7026687	9.9362836	9.7663851	10.2336149	43
18	9.7028849	9.9362098	9.7666751	10.2333249	42
19	9.7031011	9.9361360	9.7669651	10.2330349	41
20	9.7033170	9.9360621	9.7672550	10.2327450	40
21	9.7035329	9.9359881	9.7675448	10.2324553	39
22	9.7037488	9.9359141	9.7678344	10.2321656	38
23	9.7039641	9.9358401	9.7681240	10.2318760	37
24	9.7041795	9.9357660	9.7684135	10.2315865	36
25	9.7043947	9.9356918	9.7687029	10.2312971	35
26	9.7046099	9.9356177	9.7689922	10.2310078	34
27	9.7048248	9.9355434	9.7692814	10.2307186	33
28	9.7050397	9.9354691	9.7695705	10.2304295	32
29	9.7052543	9.9353948	9.7698596	10.2301404	31
30	9.7054689	9.9353204	9.7701485	10.2298513	30
		Sin. 59.		Tang. 59.	M

M	Sin. 30.		Tang. 30.		
30	9.7054689	9.9353204	9.7701485	10.2298513	30
31	9.7056833	9.9352459	9.7704373	10.2295627	29
32	9.7058975	9.9351715	9.7707261	10.2292739	28
33	9.7061116	9.9350969	9.7710147	10.2289853	27
34	9.7063256	9.9350223	9.7713033	10.2286967	26
35	9.7065394	9.9349477	9.7715917	10.2284082	25
36	9.7067531	9.9348730	9.7718801	10.2281199	24
37	9.7069667	9.9347983	9.7721684	10.2278316	23
38	9.7071801	9.9347235	9.7724566	10.2275434	22
39	9.7093933	9.9346486	9.7727447	10.2272553	21
40	9.7076064	9.9345738	9.7730327	10.2269673	20
41	9.7078194	9.9344988	9.7733206	10.2266794	19
42	9.7080323	9.9344238	9.7736084	10.2263916	18
43	9.7082450	9.9343488	9.7738961	10.2261039	17
44	9.7084575	9.9342737	9.7741838	10.2258162	16
45	9.7086699	9.9341986	9.7744713	10.2255287	15
46	9.7088822	9.9341234	9.7747588	10.2252412	14
47	9.7090943	9.9340482	9.7750462	10.2249538	13
48	9.7093063	9.9339729	9.7753334	10.2246666	12
49	9.7095182	9.9338976	9.7756206	10.2243794	11
50	9.7097299	9.9338222	9.7759077	10.2240923	10
51	9.7099415	9.9337467	9.7761947	10.2238053	9
52	9.7101529	9.9336713	9.7764816	10.2235184	8
53	9.7103642	9.9335957	9.7767685	10.2232315	7
54	9.7105753	9.9335201	9.7770552	10.2229448	6
55	9.7107863	9.9334445	9.7773418	10.2226582	5
56	9.7109972	9.9333688	9.7776284	10.2223716	4
57	9.7112080	9.9332931	9.7779149	10.2220851	3
58	9.7114186	9.9332173	9.7782012	10.2217988	2
59	9.7116290	9.9331415	9.7784875	10.2215125	1
60	9.7118393	9.9330656	9.7787737	10.2212263	0
		Sin. 59.		Tang. 59.	M

M	Sin. 31.		Tang. 31.		
0	9.7118393	9.9330656	9.7787737	10.2212262	60
1	9.7120495	9.9329897	9.7790593	10.2209401	59
2	9.7122596	9.9329137	9.7793453	10.2206541	58
3	9.7124695	9.9328376	9.7796313	10.2203683	57
4	9.7126792	9.9327616	9.7799177	10.2200823	56
5	9.7128889	9.9326854	9.7802034	10.2197966	55
6	9.7130983	9.9326092	9.7804891	10.2195109	54
7	9.7133077	9.9325330	9.7807747	10.2192253	53
8	9.7135169	9.9324567	9.7810602	10.2189398	52
9	9.7137260	9.9323804	9.7813456	10.2186544	51
10	9.7139349	9.9323040	9.7816309	10.2183691	50
11	9.7141437	9.9322276	9.7819162	10.2180838	49
12	9.7143524	9.9321511	9.7822013	10.2177987	48
13	9.7145609	9.9320746	9.7824864	10.2175136	47
14	9.7147693	9.9319980	9.7827713	10.2172287	46
15	9.7149776	9.9319213	9.7830562	10.2169438	45
16	9.7151857	9.9318447	9.7833412	10.2166590	44
17	9.7153937	9.9317679	9.7836258	10.2163742	43
18	9.7156015	9.9316911	9.7839102	10.2160896	42
19	9.7158092	9.9316143	9.7841949	10.2158051	41
20	9.7160168	9.9315374	9.7844794	10.2155206	40
21	9.7162243	9.9314605	9.7847638	10.2152362	39
22	9.7164316	9.9313835	9.7850481	10.2149519	38
23	9.7166387	9.9313065	9.7853323	10.2146677	37
24	9.7168458	9.9312294	9.7856164	10.2143836	36
25	9.7170526	9.9311522	9.7859004	10.2140996	35
26	9.7172594	9.9310750	9.7861844	10.2138156	34
27	9.7174660	9.9309978	9.7864682	10.2135318	33
28	9.7176725	9.9309205	9.7867520	10.2132480	32
29	9.7178789	9.9308432	9.7870357	10.2129643	31
30	9.7180851	9.9307658	9.7873193	10.2126807	30
		Sin. 58.		Tang. 58.	M

M	Sin. 31.		Tang. 31.			
30	9.7180851	9.9307658	9.7873193	9.9307658	10.2123607	30
31	9.7182912	9.9306883	9.7876028	9.9306883	10.2120762	29
32	9.7184971	9.9306109	9.7878863	9.9306109	10.2117917	28
33	9.7187030	9.9305333	9.7881696	9.9305333	10.2115072	27
34	9.7189086	9.9304557	9.7884529	9.9304557	10.2112227	26
35	9.7191142	9.9303781	9.7887361	9.9303781	10.2109382	25
36	9.7193196	9.9303004	9.7890192	9.9303004	10.2106537	24
37	9.7195249	9.9302226	9.7893023	9.9302226	10.2103692	23
38	9.7197300	9.9301448	9.7895852	9.9301448	10.2100847	22
39	9.7199350	9.9300670	9.7898681	9.9300670	10.2098002	21
40	9.7201399	9.9299891	9.7901500	9.9299891	10.2095157	20
41	9.7203447	9.9299112	9.7904335	9.9299112	10.2092312	19
42	9.7205493	9.9298332	9.7907161	9.9298332	10.2089467	18
43	9.7207538	9.9297551	9.7909987	9.9297551	10.2086622	17
44	9.7209581	9.9296770	9.7912811	9.9296770	10.2083777	16
45	9.7211623	9.9295989	9.7915635	9.9295989	10.2080932	15
46	9.7213664	9.9295207	9.7918458	9.9295207	10.2078087	14
47	9.7215704	9.9294424	9.7921280	9.9294424	10.2075242	13
48	9.7217742	9.9293641	9.7924101	9.9293641	10.2072397	12
49	9.7219779	9.9292857	9.7926921	9.9292857	10.2069552	11
50	9.7221814	9.9292073	9.7929741	9.9292073	10.2066707	10
51	9.7223848	9.9291289	9.7932560	9.9291289	10.2063862	9
52	9.7225881	9.9290504	9.7935378	9.9290504	10.2061017	8
53	9.7227913	9.9289718	9.7938195	9.9289718	10.2058172	7
54	9.7229943	9.9288932	9.7941011	9.9288932	10.2055327	6
55	9.7231972	9.9288145	9.7943827	9.9288145	10.2052482	5
56	9.7234000	9.9287358	9.7946641	9.9287358	10.2049637	4
57	9.7236026	9.9286571	9.7949455	9.9286571	10.2046792	3
58	9.7238051	9.9285783	9.7952268	9.9285783	10.2043947	2
59	9.7240075	9.9284994	9.7955081	9.9284994	10.2041102	1
60	9.7242097	9.9284205	9.7957892	9.9284205	10.2038257	0
		Sin. 58.		Tang. 58.	M	

M	Sin. 32.		Tang. 32.		
0	9.7242097	9.9284205	9.7957892	10.2042108	60
1	9.7244118	9.9283415	9.7960703	10.2039297	59
2	9.7246138	9.9282625	9.7963513	10.2036487	58
3	9.7248156	9.9281834	9.7966322	10.2033678	57
4	9.7250174	9.9281043	9.7969132	10.2030870	56
5	9.7252189	9.9280251	9.7971938	10.2028062	55
6	9.7254204	9.9279459	9.7974745	10.2025255	54
7	9.7256217	9.9278666	9.7977552	10.2022449	53
8	9.7258229	9.9277873	9.7980356	10.2019644	52
9	9.7260240	9.9277079	9.7983160	10.2016840	51
10	9.7262249	9.9276285	9.7985964	10.2014036	50
11	9.7264257	9.9275490	9.7988767	10.2011233	49
12	9.7266264	9.9274695	9.7991569	10.2008431	48
13	9.7268269	9.9273899	9.7994370	10.2005630	47
14	9.7270273	9.9273103	9.7997170	10.2002830	46
15	9.7272276	9.9272306	9.7999970	10.2000030	45
16	9.7274278	9.9271509	9.8002769	10.1997231	44
17	9.7276278	9.9270711	9.8005567	10.1994433	43
18	9.7278277	9.9269913	9.8008365	10.1991635	42
19	9.7280275	9.9269114	9.8011161	10.1988839	41
20	9.7282271	9.9268314	9.8013957	10.1986043	40
21	9.7284267	9.9267514	9.8016752	10.1983248	39
22	9.7286260	9.9266714	9.8019546	10.1980454	38
23	9.7288253	9.9265913	9.8022340	10.1977660	37
24	9.7290244	9.9265112	9.8025133	10.1974867	36
25	9.7292234	9.9264310	9.8027925	10.1972075	35
26	9.7294223	9.9263507	9.8030716	10.1969284	34
27	9.7296211	9.9262704	9.8033506	10.1966494	33
28	9.7298197	9.9261901	9.8036295	10.1963704	32
29	9.729982	9.9261096	9.8039085	10.1960915	31
30	9.7302165	9.9260292	9.8041873	10.1958127	30
	Sin. 57.		Tang. 57.		M

M	Sin. 32.		Tang. 32.		
30	9.7302165	9.9260292	9.8041873	10.1958127	30
31	9.7304148	9.9259487	9.8044661	10.1955339	29
32	9.7306129	9.9258681	9.8047447	10.1952553	28
33	9.7308109	9.9257875	9.8050233	10.1949767	27
34	9.7310087	9.9257069	9.8053019	10.1946981	26
35	9.7312064	9.9256261	9.8055803	10.1944197	25
36	9.7314040	9.9255454	9.8058587	10.1941413	24
37	9.7316015	9.9254646	9.8061370	10.1938630	23
38	9.7317989	9.9253837	9.8064151	10.1935848	22
39	9.7319961	9.9253028	9.8066933	10.1933067	21
40	9.7321932	9.9252218	9.8069714	10.1930286	20
41	9.7323902	9.9251408	9.8072494	10.1927506	19
42	9.7325870	9.9250597	9.8075273	10.1924727	18
43	9.7327837	9.9249786	9.8078052	10.1921948	17
44	9.7329803	9.9248974	9.8080829	10.1919171	16
45	9.7331768	9.9248161	9.8083606	10.1916394	15
46	9.7333731	9.9247349	9.8086383	10.1913617	14
47	9.7335693	9.9246535	9.8089158	10.1910842	13
48	9.7337654	9.9245721	9.8091933	10.1908067	12
49	9.7339614	9.9244907	9.8094707	10.1905292	11
50	9.7341572	9.9244092	9.8097480	10.1902520	10
51	9.7343529	9.9243277	9.8100253	10.1899747	9
52	9.7345485	9.9242461	9.8103025	10.1896975	8
53	9.7347440	9.9241644	9.8105796	10.1894204	7
54	9.7349393	9.9240827	9.8108566	10.1891434	6
55	9.7351345	9.9240010	9.8111336	10.1888664	5
56	9.7353296	9.9239191	9.8114105	10.1885895	4
57	9.7355246	9.9238373	9.8116873	10.1883127	3
58	9.7357195	9.9237554	9.8119641	10.1880359	2
59	9.7359141	9.9236734	9.8122408	10.1877592	1
60	9.7361088	9.9235914	9.8125174	10.1874826	0
	Sin. 57.		Tang. 57.		M

M	Sin. 33.		Tang. 33.		
0	9.7361083	9.9235914	9.8125174	10.1874826	60
1	9.7363032	9.9235093	9.8127939	10.1872061	59
2	9.7364976	9.9234272	9.8130704	10.1869296	58
3	9.7366913	9.9233450	9.8133468	10.1866532	57
4	9.7368859	9.9232625	9.8136232	10.1863769	56
5	9.7370799	9.9231805	9.8138995	10.1861007	55
6	9.7372737	9.9230982	9.8141755	10.1858243	54
7	9.7374675	9.9230158	9.8144515	10.1855484	53
8	9.7376611	9.9229334	9.8147277	10.1852723	52
9	9.7378546	9.9228509	9.8150036	10.1849964	51
10	9.7380479	9.9227684	9.8152795	10.1847205	50
11	9.7382412	9.9226858	9.8155554	10.1844446	49
12	9.7384343	9.9226032	9.8158311	10.1841689	48
13	9.7386273	9.9225205	9.8161068	10.1838932	47
14	9.7388201	9.9224377	9.8163824	10.1836176	46
15	9.7390129	9.9223549	9.8166580	10.1833420	45
16	9.7392055	9.9222721	9.8169335	10.1830663	44
17	9.7393980	9.9221891	9.8172089	10.1827901	43
18	9.7395904	9.9221061	9.8174842	10.1825153	42
19	9.7397827	9.9220232	9.8177595	10.1822405	41
20	9.7399748	9.9219401	9.8180347	10.1819653	40
21	9.7401668	9.9218570	9.8183098	10.1816902	39
22	9.7403587	9.9217738	9.8185849	10.1814151	38
23	9.7405505	9.9216906	9.8188599	10.1811401	37
24	9.7407421	9.9216073	9.8191348	10.1808652	36
25	9.7409337	9.9215240	9.8194096	10.1805904	35
26	9.7411251	9.9214406	9.8196844	10.1803156	34
27	9.7413164	9.9213572	9.8199592	10.1800408	33
28	9.7415075	9.9212737	9.8202338	10.1797662	32
29	9.7416986	9.9211902	9.8205084	10.1794916	31
30	9.7418895	9.9211066	9.8207829	10.1792171	30

Sin. 56. Tang. 56. M

M	Sin. 33.		Tang. 33.		
30	9.7418895	9.9211066	9.8207829	10.1792171	30
31	9.7420803	9.9210229	9.8210574	10.1789426	29
32	9.7422710	9.9209393	9.8213317	10.1786683	28
33	9.7424616	9.9208555	9.8216060	10.1783940	27
34	9.7426520	9.9207717	9.8218803	10.1781197	26
35	9.7428423	9.9206876	9.8221545	10.1778455	25
36	9.7430325	9.9206039	9.8224286	10.1775714	24
37	9.7432226	9.9205200	9.8227026	10.1772974	23
38	9.7434126	9.9204360	9.8229766	10.1770234	22
39	9.7436024	9.9203519	9.8232505	10.1767495	21
40	9.7437921	9.9202678	9.8235244	10.1764756	20
41	9.7439817	9.9201836	9.8237981	10.1762019	19
42	9.7441712	9.9200994	9.8240719	10.1759281	18
43	9.7443606	9.9200151	9.8243455	10.1756545	17
44	9.7445498	9.9199308	9.8246191	10.1753809	16
45	9.7447390	9.9198464	9.8248926	10.1751074	15
46	9.7449280	9.9197619	9.8251660	10.1748340	14
47	9.7451169	9.9196775	9.8254394	10.1745606	13
48	9.7453056	9.9195929	9.8257127	10.1742873	12
49	9.7454943	9.9195083	9.8259860	10.1740140	11
50	9.7456828	9.9194237	9.8262592	10.1737408	10
51	9.7458712	9.9193390	9.8265323	10.1734677	9
52	9.7460595	9.9192542	9.8268053	10.1731947	8
53	9.7462477	9.9191694	9.8270783	10.1729217	7
54	9.7464358	9.9190845	9.8273513	10.1726487	6
55	9.7466237	9.9189996	9.8276241	10.1723759	5
56	9.7468115	9.9189146	9.8278969	10.1721031	4
57	9.7469992	9.9188296	9.8281696	10.1718304	3
58	9.7471868	9.9187445	9.8284423	10.1715577	2
59	9.7473742	9.9186594	9.8287149	10.1712851	1
60	9.7475617	9.9185742	9.8289874	10.1720126	0

Sin. 56. Tang. 56. M

M	Sin. 34.		Tang. 34.		
0	9.7475617	9.9185742	9.8239574	10.1710126	60
1	9.7477489	9.9184890	9.8292599	10.1707401	59
2	9.7479360	9.9184037	9.8345623	10.1704677	58
3	9.7481230	9.9183183	9.8398647	10.1701953	57
4	9.7483099	9.9182329	9.8451670	10.1699231	56
5	9.7484967	9.9181475	9.8504692	10.1696508	55
6	9.7486833	9.9180620	9.8557714	10.1693787	54
7	9.7488699	9.9179764	9.8610734	10.1691060	53
8	9.7490562	9.9178908	9.8663754	10.1688346	52
9	9.7492425	9.9178051	9.8716774	10.1685620	51
10	9.7494287	9.9177194	9.8769793	10.1682907	50
11	9.7496148	9.9176336	9.8822811	10.1680189	49
12	9.7498007	9.9175478	9.8875829	10.1677471	48
13	9.7499866	9.9174619	9.8928847	10.1674754	47
14	9.7501723	9.9173760	9.8981864	10.1672037	46
15	9.7503579	9.9172900	9.9034880	10.1669321	45
16	9.7505434	9.9172040	9.9087894	10.1666606	44
17	9.7507287	9.9171179	9.9140909	10.1663891	43
18	9.7509140	9.9170317	9.9193923	10.1661177	42
19	9.7510991	9.9169453	9.9246936	10.1658464	41
20	9.7512842	9.9168593	9.9299949	10.1655751	40
21	9.7514691	9.9167730	9.9352961	10.1653039	39
22	9.7516538	9.9166866	9.9405973	10.1650327	38
23	9.7518385	9.9166002	9.9458984	10.1647616	37
24	9.7520231	9.9165137	9.9511994	10.1644906	36
25	9.7522075	9.9164272	9.9565004	10.1642196	35
26	9.7523919	9.9163406	9.9618013	10.1639487	34
27	9.7525761	9.9162539	9.9671021	10.1636779	33
28	9.7527603	9.9161673	9.9724029	10.1634071	32
29	9.7529442	9.9160805	9.9777036	10.1631364	31
30	9.7531280	9.9159937	9.9830042	10.1628657	30
		Sin. 55.		Tang. 55.	M

M	Sin. 34.		Tang. 34.		
30	9.7531280	9.9159937	9.8371343	10.1626857	30
31	9.7533118	9.9159069	9.8374049	10.1625951	29
32	9.7534954	9.9158200	9.8376755	10.1625045	28
33	9.7536790	9.9157330	9.8379460	10.1624140	27
34	9.7538624	9.9156460	9.8382164	10.1617836	26
35	9.7540457	9.9155589	9.8384867	10.1615133	25
36	9.7542288	9.9154718	9.8387571	10.1612429	24
37	9.7544119	9.9153846	9.8390273	10.1609727	23
38	9.7545949	9.9152974	9.8392975	10.1607025	22
39	9.7547777	9.9152101	9.8395676	10.1604324	21
40	9.7549604	9.9151228	9.8398377	10.1601623	20
41	9.7551431	9.9150354	9.8401077	10.1598923	19
42	9.7553256	9.9149479	9.8403776	10.1596224	18
43	9.7555080	9.9148604	9.8406475	10.1593525	17
44	9.7556902	9.9147729	9.8409174	10.1590826	16
45	9.7558724	9.9146852	9.8411871	10.1588129	15
46	9.7560544	9.9145971	9.8414569	10.1585431	14
47	9.7562364	9.9145099	9.8417265	10.1582735	13
48	9.7564182	9.9144221	9.8419961	10.1580039	12
49	9.7565999	9.9143342	9.8422657	10.1577343	11
50	9.7567815	9.9142464	9.8425351	10.1584649	10
51	9.7569630	9.9141584	9.8428046	10.1571954	9
52	9.7571444	9.9140704	9.8430739	10.1569261	8
53	9.7573256	9.9139824	9.8433432	10.1566568	7
54	9.7575068	9.9138943	9.8436125	10.1563875	6
55	9.7576878	9.9138061	9.8438817	10.1561183	5
56	9.7578687	9.9137179	9.8441508	10.1558492	4
57	9.7580495	9.9136296	9.8444199	10.1555801	3
58	9.7582302	9.9135413	9.8446889	10.1553111	2
59	9.7584108	9.9134530	9.8449569	10.1550421	1
60	9.7585913	9.9133645	9.8452268	10.1547732	0
		Sin. 55.		Tang. 55.	M

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M	Sin. 35.		Tang. 35.		
0	9.7585913	9.9133645	9.8452268	10.1547732	60
1	9.7587717	9.9132760	9.8454956	10.1545044	59
2	9.7589519	9.9131875	9.8457644	10.1542356	58
3	9.7591321	9.9130989	9.8460332	10.1539668	57
4	9.7593121	9.9130102	9.8463020	10.1536982	56
5	9.7594920	9.9129215	9.8465708	10.1534295	55
6	9.7596718	9.9128328	9.8468396	10.1531610	54
7	9.7598515	9.9127440	9.8471084	10.1528925	53
8	9.7600311	9.9126551	9.8473772	10.1526240	52
9	9.7602106	9.9125662	9.8476460	10.1523556	51
10	9.7603899	9.9124772	9.8479148	10.1520873	50
11	9.7605692	9.9123882	9.8481836	10.1518190	49
12	9.7607483	9.9122991	9.8484524	10.1515508	48
13	9.7609274	9.9122099	9.8487212	10.1512826	47
14	9.7611063	9.9121207	9.8489900	10.1510145	46
15	9.7612851	9.9120315	9.8492588	10.1507464	45
16	9.7614638	9.9119422	9.8495276	10.1504784	44
17	9.7616424	9.9118528	9.8497964	10.1502104	43
18	9.7618208	9.9117634	9.8500652	10.1499425	42
19	9.7619992	9.9116739	9.8503340	10.1496747	41
20	9.7621775	9.9115844	9.8506028	10.1494069	40
21	9.7623556	9.9114948	9.8508716	10.1491392	39
22	9.7625337	9.9114051	9.8511404	10.1488715	38
23	9.7627116	9.9113155	9.8514092	10.1486039	37
24	9.7628894	9.9112257	9.8516780	10.1483363	36
25	9.7630671	9.9111359	9.8519468	10.1480688	35
26	9.7632447	9.9110460	9.8522156	10.1478013	34
27	9.7634222	9.9109561	9.8524844	10.1475339	33
28	9.7635996	9.9108661	9.8527532	10.1472665	32
29	9.7637769	9.9107761	9.8530220	10.1469992	31
30	9.7639540	9.9106860	9.8532908	10.1467320	30
		Sin. 54.		Tang. 54.	M

M	Sin. 35.		Tang. 35.		
30	9.7639540	9.9106860	9.8532908	10.1467320	30
31	9.7641311	9.9105959	9.8535596	10.1464648	29
32	9.7643080	9.9105057	9.8538283	10.1461977	28
33	9.7644849	9.9104155	9.8540970	10.1459306	27
34	9.7646616	9.9103251	9.8543658	10.1456635	26
35	9.7648382	9.9102348	9.8546345	10.1453966	25
36	9.7650147	9.9101444	9.8549032	10.1451296	24
37	9.7651911	9.9100538	9.8551719	10.1448628	23
38	9.7653674	9.9099633	9.8554406	10.1445959	22
39	9.7655436	9.9098728	9.8557093	10.1443292	21
40	9.7657197	9.9097821	9.8559780	10.1440624	20
41	9.7658957	9.9096915	9.8562467	10.1437958	19
42	9.7660715	9.9096007	9.8565154	10.1435292	18
43	9.7662473	9.9095099	9.8567841	10.1432626	17
44	9.7664229	9.9094190	9.8570528	10.1429961	16
45	9.7665985	9.9093281	9.8573215	10.1427296	15
46	9.7667739	9.9092371	9.8575902	10.1424632	14
47	9.7669492	9.9091461	9.8578589	10.1421969	13
48	9.7671244	9.9090550	9.8581276	10.1419306	12
49	9.7672996	9.9089639	9.8583963	10.1416643	11
50	9.7674746	9.9088727	9.8586650	10.1413981	10
51	9.7676494	9.9087814	9.8589337	10.1411320	9
52	9.7678242	9.9086901	9.8592024	10.1408659	8
53	9.7679989	9.9085988	9.8594711	10.1405998	7
54	9.7681735	9.9085073	9.8597398	10.1403339	6
55	9.7683480	9.9084159	9.8599985	10.1400679	5
56	9.7685223	9.9083243	9.8602572	10.1398020	4
57	9.7686966	9.9082327	9.8605159	10.1395362	3
58	9.7688707	9.9081411	9.8607746	10.1392704	2
59	9.7690448	9.9080494	9.8610333	10.1390046	1
60	9.7692187	9.9079576	9.8612920	10.1387390	0
		Sin. 54.		Tang. 54.	M

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M	Sin. 36.		Tang. 36.		
0	9.7692187	9.9079576	9.8612610	10.13387390	60
1	9.7693925	9.9078650	9.8615227	10.13384733	59
2	9.7695662	9.9077740	9.8617923	10.13382077	58
3	9.7697398	9.9076820	9.8620575	10.13379422	57
4	9.7699134	9.9075901	9.8623233	10.13376767	56
5	9.7700868	9.9074980	9.8625867	10.13374113	55
6	9.7702601	9.9074059	9.8628541	10.13371459	54
7	9.7704332	9.9073138	9.8631195	10.13368805	53
8	9.7706063	9.9072216	9.8633845	10.13366152	52
9	9.7707793	9.9071293	9.8636500	10.13363500	51
10	9.7709522	9.9070370	9.8639152	10.13360848	50
11	9.7711249	9.9069446	9.8641803	10.13358197	49
12	9.7712976	9.9068522	9.8644454	10.13355546	48
13	9.7714702	9.9067597	9.8647105	10.13352895	47
14	9.7716426	9.9066671	9.8649755	10.13350245	46
15	9.7718150	9.9065745	9.8652404	10.13347596	45
16	9.7719872	9.9064819	9.8655053	10.13344948	44
17	9.7721593	9.9063892	9.8657702	10.13342298	43
18	9.7723314	9.9062964	9.8660350	10.13339650	42
19	9.7725033	9.9062036	9.8662997	10.13337003	41
20	9.7726751	9.9061107	9.8665644	10.13334356	40
21	9.7728468	9.9060177	9.8668291	10.13331709	39
22	9.7730185	9.9059247	9.8670937	10.13329063	38
23	9.7731900	9.9058317	9.8673583	10.13326417	37
24	9.7733614	9.9057386	9.8676228	10.13323772	36
25	9.7735327	9.9056454	9.8678873	10.13321127	35
26	9.7737039	9.9055522	9.8681517	10.13318483	34
27	9.7738749	9.9054589	9.8684160	10.13315840	33
28	9.7740459	9.9053656	9.8686804	10.13313196	32
29	9.7742168	9.9052722	9.8689446	10.13310554	31
30	9.7743876	9.9051787	9.8692089	10.13307911	30
		Sin. 53.		Tang. 53.	M

M	Sin. 36.		Tang. 36.		
30	9.7743876	9.9051787	9.8692089	10.13307911	30
31	9.7745583	9.9050852	9.8694831	10.13305269	29
32	9.7747288	9.9049916	9.8697372	10.13302628	28
33	9.7748993	9.9048980	9.8700013	10.1299987	27
34	9.7750697	9.9048043	9.8702653	10.1297347	26
35	9.7752390	9.9047106	9.8705293	10.1294707	25
36	9.7754101	9.9046168	9.8707933	10.1292067	24
37	9.7755801	9.9045230	9.8710572	10.1289428	23
38	9.7757501	9.9044291	9.8713210	10.1286790	22
39	9.7759199	9.9043351	9.8715848	10.1284152	21
40	9.7760897	9.9042411	9.8718486	10.1281514	20
41	9.7762593	9.9041470	9.8721123	10.1278877	19
42	9.7764289	9.9040529	9.8723760	10.1276240	18
43	9.7765983	9.9039587	9.8726396	10.1273604	17
44	9.7767676	9.9038644	9.8729032	10.1270968	16
45	9.7769369	9.9037701	9.8731668	10.1268332	15
46	9.7771060	9.9036758	9.8734302	10.1265698	14
47	9.7772750	9.9035813	9.8736937	10.1263063	13
48	9.7774439	9.9034868	9.8739571	10.1260429	12
49	9.7776128	9.9033923	9.8742204	10.1257796	11
50	9.7777815	9.9032977	9.8744838	10.1255162	10
51	9.7779501	9.9032031	9.8747470	10.1252530	9
52	9.7781186	9.9031084	9.8750102	10.1249898	8
53	9.7782870	9.9030136	9.8752734	10.1247266	7
54	9.7784553	9.9029188	9.8755365	10.1244635	6
55	9.7786235	9.9028239	9.8757996	10.1242004	5
56	9.7787916	9.9027289	9.8760627	10.1239373	4
57	9.7789596	9.9026339	9.8763257	10.1236743	3
58	9.7791275	9.9025389	9.8765886	10.1234114	2
59	9.7792953	9.9024438	9.8768515	10.1231485	1
60	9.7794630	9.9023486	9.8771144	10.1228856	0
		Sin. 53.		Tang. 53.	M

M	Sim. 37.		Tang. 37.		
0	9.7794510	9.9023486	9.8771144	10.1228856	60
1	9.7795306	9.9022534	9.8773772	10.1226228	59
2	9.7797981	9.9021351	9.8776400	10.1223600	58
3	9.7799655	9.9020028	9.8779027	10.1220973	57
4	9.7801328	9.9018704	9.8781654	10.1218345	56
5	9.7803000	9.9017379	9.8784281	10.1215716	55
6	9.7804671	9.9016054	9.8786907	10.1213089	54
7	9.7806341	9.9014728	9.8789533	10.1210467	53
8	9.7808010	9.9013402	9.8792159	10.1207842	52
9	9.7809677	9.9012075	9.8794782	10.1205218	51
10	9.7811344	9.9010748	9.8797407	10.1202592	50
11	9.7813010	9.9009420	9.8800031	10.1199969	49
12	9.7814675	9.9008091	9.8802654	10.1197346	48
13	9.7816339	9.9006762	9.8805277	10.1194723	47
14	9.7818002	9.9005432	9.8807900	10.1192100	46
15	9.7819664	9.9004102	9.8810522	10.1189478	45
16	9.7821324	9.9002771	9.8813144	10.1186856	44
17	9.7822984	9.9001440	9.8815765	10.1184233	43
18	9.7824643	9.9000109	9.8818386	10.1181611	42
19	9.7826301	9.9000000	9.8821007	10.1178993	41
20	9.7827958	9.9000000	9.8823627	10.1176374	40
21	9.7829614	9.9000000	9.8826246	10.1173755	39
22	9.7831268	9.9000000	9.8828866	10.1171134	38
23	9.7832922	9.9000000	9.8831484	10.1168516	37
24	9.7834575	9.9000000	9.8834103	10.1165897	36
25	9.7836227	9.8999999	9.8836721	10.1163279	35
26	9.7837878	9.8999999	9.8839338	10.1160662	34
27	9.7839528	9.8999999	9.8841956	10.1158044	33
28	9.7841177	9.8999999	9.8844572	10.1155428	32
29	9.7842824	9.8999999	9.8847189	10.1152811	31
30	9.7844471	9.8999999	9.8849805	10.1150195	30
		Sim. 52.		Tang. 52.	M

M	Sim. 37.		Tang. 36.		
30	9.7844471	9.8994667	9.8849805	10.1150195	30
31	9.7846117	9.8993697	9.8852420	10.1147508	29
32	9.7847762	9.8992727	9.8855035	10.1144965	28
33	9.7849406	9.8991756	9.8857650	10.1142350	27
34	9.7851049	9.8990784	9.8860264	10.1139736	26
35	9.7852691	9.8989812	9.8862878	10.1137122	25
36	9.7854332	9.8988840	9.8865492	10.1134508	24
37	9.7855972	9.8987867	9.8868105	10.1131895	23
38	9.7857611	9.8986893	9.8870718	10.1129282	22
39	9.7859249	9.8985919	9.8873330	10.1126670	21
40	9.7860886	9.8984944	9.8875942	10.1124058	20
41	9.7862522	9.8983968	9.8878554	10.1121446	19
42	9.7864157	9.8982992	9.8881165	10.1118835	18
43	9.7865791	9.8982015	9.8883775	10.1116225	17
44	9.7867424	9.8981038	9.8886386	10.1113614	16
45	9.7869056	9.8980060	9.8888996	10.1111004	15
46	9.7870687	9.8979082	9.8891605	10.1108395	14
47	9.7872317	9.8978103	9.8894214	10.1105786	13
48	9.7873946	9.8977123	9.8896823	10.1103177	12
49	9.7875574	9.8976143	9.8899432	10.1100568	11
50	9.7877202	9.8975162	9.8902040	10.1097960	10
51	9.7878828	9.8974181	9.8904647	10.1095353	9
52	9.7880453	9.8973199	9.8907254	10.1092746	8
53	9.7882077	9.8972216	9.8909861	10.1090139	7
54	9.7883701	9.8971233	9.8912468	10.1087532	6
55	9.7885323	9.8970249	9.8915074	10.1084926	5
56	9.7886944	9.8969265	9.8917679	10.1082321	4
57	9.7888565	9.8968280	9.8920285	10.1079715	3
58	9.7890184	9.8967294	9.8922890	10.1077110	2
59	9.7891802	9.8966308	9.8925494	10.1074506	1
60	9.7893420	9.8965321	9.8928098	10.1071902	0
		Sim. 52.		Tang. 52.	M

M	Sin. 38.		Tang. 38.		
0	9.7893420	9.8965321	9.8928095	10.1071902	60
1	9.7895036	9.8964334	9.8927022	10.1069298	59
2	9.7896652	9.8963346	9.8925949	10.1066694	58
3	9.7898266	9.8962358	9.8924876	10.1064091	57
4	9.7899880	9.8961369	9.8923803	10.1061489	56
5	9.7901493	9.8960379	9.8922730	10.1058886	55
6	9.7903104	9.8959389	9.8921657	10.1056285	54
7	9.7904715	9.8958398	9.8920584	10.1053683	53
8	9.7906325	9.8957406	9.8919511	10.1051082	52
9	9.7907933	9.8956414	9.8918438	10.1048481	51
10	9.7909541	9.8955422	9.8917365	10.1045881	50
11	9.7911148	9.8954429	9.8916292	10.1043281	49
12	9.7912754	9.8953435	9.8915219	10.1040681	48
13	9.7914359	9.8952440	9.8914146	10.1038083	47
14	9.7915963	9.8951445	9.8913073	10.1035483	46
15	9.7917566	9.8950450	9.8912000	10.1032884	45
16	9.7919168	9.8949453	9.8910927	10.1030286	44
17	9.7920769	9.8948457	9.8909854	10.1027688	43
18	9.7922369	9.8947459	9.8908781	10.1025090	42
19	9.7923968	9.8946461	9.8907708	10.1022493	41
20	9.7925566	9.8945463	9.8906635	10.1019896	40
21	9.7927163	9.8944463	9.8905562	10.1017299	39
22	9.7928760	9.8943464	9.8904489	10.1014704	38
23	9.7930355	9.8942463	9.8903416	10.1012109	37
24	9.7931949	9.8941462	9.8902343	10.1009513	36
25	9.7933543	9.8940461	9.8901270	10.1006918	35
26	9.7935135	9.8939458	9.8900197	10.1004323	34
27	9.7936727	9.8938456	9.8899124	10.1001729	33
28	9.7938317	9.8937452	9.8898051	10.0999135	32
29	9.7939907	9.8936448	9.8896978	10.0996541	31
30	9.7941495	9.8935444	9.8895905	10.0993948	30
		Sin. 51.			M

M	Sin. 38.		Tang. 38.		
30	9.7941496	9.8935444	9.8928095	10.0993948	30
31	9.7943083	9.8934439	9.8927022	10.0991355	29
32	9.7944670	9.8933433	9.8925949	10.0988763	28
33	9.7946256	9.8932426	9.8924876	10.0986170	27
34	9.7947841	9.8931419	9.8923803	10.0983578	26
35	9.7949425	9.8930412	9.8922730	10.0980987	25
36	9.7951008	9.8929404	9.8921657	10.0978396	24
37	9.7952590	9.8928395	9.8920584	10.0975805	23
38	9.7954171	9.8927385	9.8919511	10.0973214	22
39	9.7955751	9.8926375	9.8918438	10.0970624	21
40	9.7957330	9.8925365	9.8917365	10.0968034	20
41	9.7958909	9.8924354	9.8916292	10.0965445	19
42	9.7960486	9.8923342	9.8915219	10.0962856	18
43	9.7962062	9.8922329	9.8914146	10.0960267	17
44	9.7963638	9.8921316	9.8913073	10.0957679	16
45	9.7965212	9.8920303	9.8912000	10.0955090	15
46	9.7966786	9.8919289	9.8910927	10.0952503	14
47	9.7968359	9.8918274	9.8909854	10.0949915	13
48	9.7969930	9.8917258	9.8908781	10.0947328	12
49	9.7971501	9.8916242	9.8907708	10.0944741	11
50	9.7973071	9.8915226	9.8906635	10.0942155	10
51	9.7974640	9.8914208	9.8905562	10.0939569	9
52	9.7976208	9.8913191	9.8904489	10.0936983	8
53	9.7977775	9.8912172	9.8903416	10.0934397	7
54	9.7979341	9.8911153	9.8902343	10.0931812	6
55	9.7980906	9.8910133	9.8901270	10.0929227	5
56	9.7982470	9.8909113	9.8900197	10.0926643	4
57	9.7984034	9.8908092	9.8899124	10.0924059	3
58	9.7985596	9.8907071	9.8898051	10.0921475	2
59	9.7987158	9.8906049	9.8896978	10.0918891	1
60	9.7988718	9.8905026	9.8895905	10.0916308	0
		Sin. 51.		Tang. 51.	M

M	Sin. 39.		Tang. 39.		
0	9.7988718	9.905026	9.9081092	10.0916308	60
1	9.7992278	9.8904023	9.9080275	10.0913725	59
2	9.7991836	9.8902979	9.9078858	10.0911141	58
3	9.7991394	9.8901954	9.9077442	10.0908560	57
4	9.7990951	9.8900929	9.9076022	10.0905978	56
5	9.7990507	9.8899903	9.9074602	10.0903397	55
6	9.7990062	9.8898877	9.9073185	10.0900815	54
7	9.7989616	9.8897850	9.9071766	10.0898234	53
8	9.8001169	9.8896822	9.9070347	10.0895653	52
9	9.8002721	9.8895794	9.9068927	10.0893073	51
10	9.8004272	9.8894765	9.9067507	10.0890493	50
11	9.8005823	9.8893736	9.9066087	10.0887913	49
12	9.8007372	9.8892706	9.9064666	10.0885334	48
13	9.8008921	9.8891675	9.9063245	10.0882755	47
14	9.8010468	9.8890644	9.9061824	10.0880176	46
15	9.8012015	9.8889612	9.9060403	10.0877597	45
16	9.8013561	9.8888580	9.9058982	10.0875019	44
17	9.8015106	9.8887547	9.9057561	10.0872441	43
18	9.8016649	9.8886513	9.9056140	10.0869863	42
19	9.8018190	9.8885479	9.9054719	10.0867286	41
20	9.8019735	9.8884444	9.9053298	10.0864709	40
21	9.8021276	9.8883408	9.9051878	10.0862132	39
22	9.8022816	9.8882372	9.9050457	10.0859556	38
23	9.8024355	9.8881335	9.9049036	10.0856980	37
24	9.8025894	9.8880298	9.9047615	10.0854404	36
25	9.8027431	9.8879260	9.9046194	10.0851829	35
26	9.8028968	9.8878221	9.9044773	10.0849253	34
27	9.8030504	9.8877182	9.9043352	10.0846678	33
28	9.8032038	9.8876142	9.9041931	10.0844104	32
29	9.8033572	9.8875102	9.9040510	10.0841529	31
30	9.8035105	9.8874061	9.9039089	10.0838955	30
		Sin. 50.		Tang. 50.	M

M	Sin. 39.		Tang. 39.		
30	9.8035105	9.8874061	9.9161045	10.0838955	30
31	9.8036637	9.8873019	9.9163618	10.0836382	29
32	9.8038168	9.8871977	9.9166192	10.0833808	28
33	9.8039699	9.8870934	9.9168765	10.0831235	27
34	9.8041228	9.8869890	9.9171338	10.0828662	26
35	9.8042757	9.8868846	9.9173911	10.0826089	25
36	9.8044284	9.8867801	9.9176483	10.0823517	24
37	9.8045811	9.8866756	9.9179055	10.0820945	23
38	9.8047336	9.8865710	9.9181627	10.0818373	22
39	9.8048861	9.8864663	9.9184198	10.0815802	21
40	9.8050385	9.8863616	9.9186769	10.0813231	20
41	9.8051908	9.8862568	9.9189340	10.0810660	19
42	9.8053430	9.8861519	9.9191911	10.0808089	18
43	9.8054951	9.8860470	9.9194481	10.0805519	17
44	9.8056472	9.8859420	9.9197051	10.0802949	16
45	9.8057991	9.8858370	9.9199621	10.0800379	15
46	9.8059510	9.8857319	9.9202191	10.0797806	14
47	9.8061027	9.8856267	9.9204760	10.0795240	13
48	9.8062544	9.8855215	9.9207329	10.0792671	12
49	9.8064060	9.8854162	9.9209898	10.0790102	11
50	9.8065575	9.8853109	9.9212466	10.0787534	10
51	9.8067089	9.8852055	9.9215034	10.0784966	9
52	9.8068601	9.8851000	9.9217602	10.0782398	8
53	9.8070114	9.8849945	9.9220170	10.0779830	7
54	9.8071626	9.8848889	9.9222737	10.0777263	6
55	9.8073136	9.8847832	9.9225304	10.0774696	5
56	9.8074646	9.8846775	9.9227871	10.0772129	4
57	9.8076154	9.8845717	9.9230437	10.0769563	3
58	9.8077662	9.8844659	9.9233004	10.0766996	2
59	9.8079169	9.8843599	9.9235570	10.0764430	1
60	9.8080675	9.8842540	9.9238135	10.0761865	0
		Sin. 50.		Tang. 50.	M

M	Sin. 40.	Tang. 40.		
0	9.8083673	9.8083540	9.9228125	10.0761865 60
1	9.8082180	9.8084147	9.9227071	10.0759299 59
2	9.8080684	9.8085018	9.9225906	10.0756734 58
3	9.8079188	9.8085857	9.9224732	10.0754169 57
4	9.8077692	9.8086694	9.9223558	10.0751604 56
5	9.8076192	9.8087532	9.9222382	10.0749040 55
6	9.8074692	9.8088368	9.9221206	10.0746476 54
7	9.8073192	9.8089204	9.9220030	10.0743912 53
8	9.8071691	9.8090039	9.9218854	10.0741348 52
9	9.8070189	9.8090874	9.9217678	10.0738785 51
10	9.8068685	9.8091708	9.9216502	10.0736222 50
11	9.8067182	9.8092541	9.9215326	10.0733659 49
12	9.8065678	9.8093374	9.9214150	10.0731096 48
13	9.8064172	9.8094206	9.9212974	10.0728534 47
14	9.8062666	9.8095038	9.9211798	10.0725972 46
15	9.8061159	9.8095868	9.9210622	10.0723410 45
16	9.8059650	9.8096699	9.9209446	10.0720848 44
17	9.8058141	9.8097528	9.9208270	10.0718285 43
18	9.8056631	9.8098357	9.9207094	10.0715722 42
19	9.8055121	9.8099185	9.9205918	10.0713160 41
20	9.8053609	9.8099993	9.9204742	10.0710604 40
21	9.8052096	9.8100801	9.9203566	10.0708044 39
22	9.8050583	9.8101607	9.9202390	10.0705484 38
23	9.8049069	9.8102412	9.9201214	10.0702924 37
24	9.8047554	9.8103218	9.9200038	10.0700364 36
25	9.8046038	9.8104022	9.9198862	10.0697805 35
26	9.8044521	9.8104826	9.9197686	10.0695245 34
27	9.8043003	9.8105629	9.9196510	10.0692686 33
28	9.8041484	9.8106432	9.9195334	10.0690128 32
29	9.8039965	9.8107234	9.9194158	10.0687569 31
30	9.8038444	9.8108035	9.9192982	10.0685011 30
		Sin. 49.		Tang. 49. M

M	Sin. 40.	Tang. 40.		
30	9.8125444	9.8810455	9.9314989	10.0685011 30
31	9.8126923	9.8809376	9.9317547	10.0682453 29
32	9.8128401	9.8808296	9.9320105	10.0679895 28
33	9.8129878	9.8807215	9.9322662	10.0677338 27
34	9.8131354	9.8806134	9.9325220	10.0674780 26
35	9.8132829	9.8805052	9.9327777	10.0672223 25
36	9.8134303	9.8803970	9.9330334	10.0669666 24
37	9.8135777	9.8802887	9.9332890	10.0667110 23
38	9.8137250	9.8801803	9.9335446	10.0664554 22
39	9.8138721	9.8800719	9.9338003	10.0661997 21
40	9.8140192	9.8799634	9.9340559	10.0659441 20
41	9.8141662	9.8798548	9.9343114	10.0656886 19
42	9.8143131	9.8797462	9.9345670	10.0654330 18
43	9.8144600	9.8796375	9.9348225	10.0651775 17
44	9.8146067	9.8795287	9.9350780	10.0649220 16
45	9.8147534	9.8794199	9.9353335	10.0646665 15
46	9.8148999	9.8793110	9.9355889	10.0644111 14
47	9.8150464	9.8792021	9.9358444	10.0641556 13
48	9.8151928	9.8790930	9.9360998	10.0639002 12
49	9.8153391	9.8789840	9.9363552	10.0636448 11
50	9.8154854	9.8788748	9.9366105	10.0633895 10
51	9.8156315	9.8787656	9.9368659	10.0631341 9
52	9.8157776	9.8786563	9.9371212	10.0628788 8
53	9.8159235	9.8785470	9.9373765	10.0626235 7
54	9.8160694	9.8784376	9.9376318	10.0623682 6
55	9.8162152	9.8783281	9.9378871	10.0621129 5
56	9.8163609	9.8782186	9.9381423	10.0618577 4
57	9.8165066	9.8781090	9.9383975	10.0616025 3
58	9.8166521	9.8779994	9.9386527	10.0613473 2
59	9.8167975	9.8778896	9.9389079	10.0610921 1
60	9.8169425	9.8777799	9.9391631	10.0608369 0
		Sin. 49.		Tang. 49. M

M	Sim. 41.		Tang. 41.		
0	9.8169429	9.8777799	9.9391630	10.0000000	60
1	9.8170882	9.8776700	9.9394182	10.0000000	59
2	9.8172334	9.8775601	9.9396733	10.0000000	58
3	9.8173785	9.8774501	9.9399284	10.0000000	57
4	9.8175235	9.8773401	9.9401835	10.0000000	56
5	9.8176685	9.8772300	9.9404385	10.0000000	55
6	9.8178133	9.8771198	9.9406936	10.0000000	54
7	9.8179581	9.8770096	9.9409486	10.0000000	53
8	9.8181028	9.8768993	9.9412036	10.0000000	52
9	9.8182474	9.8767889	9.9414585	10.0000000	51
10	9.8183919	9.8766785	9.9417135	10.0000000	50
11	9.8185364	9.8765680	9.9419684	10.0000000	49
12	9.8186807	9.8764574	9.9422233	10.0000000	48
13	9.8188250	9.8763468	9.9424782	10.0000000	47
14	9.8189692	9.8762361	9.9427331	10.0000000	46
15	9.8191133	9.8761253	9.9429879	10.0000000	45
16	9.8192573	9.8760145	9.9432428	10.0000000	44
17	9.8194012	9.8759036	9.9434976	10.0000000	43
18	9.8195450	9.8757927	9.9437524	10.0000000	42
19	9.8196887	9.8756816	9.9440072	10.0000000	41
20	9.8198325	9.8755706	9.9442619	10.0000000	40
21	9.8199761	9.8754594	9.9445166	10.0000000	39
22	9.8201196	9.8753482	9.9447714	10.0000000	38
23	9.8202633	9.8752369	9.9450261	10.0000000	37
24	9.8204068	9.8751256	9.9452807	10.0000000	36
25	9.8205496	9.8750142	9.9455354	10.0000000	35
26	9.8206927	9.8749027	9.9457900	10.0000000	34
27	9.8208358	9.8747912	9.9460447	10.0000000	33
28	9.8209788	9.8746795	9.9462991	10.0000000	32
29	9.8211217	9.8745679	9.9465539	10.0000000	31
30	9.8212646	9.8744561	9.9468084	10.0000000	30
		Sim. 48.		Tang. 48.	M

M	Sim. 41.		Tang. 41.		
30	9.8212646	9.8744561	9.9468084	10.0531916	30
31	9.8214073	9.8743443	9.9470630	10.0529370	29
32	9.8215500	9.8742325	9.9473175	10.0526825	28
33	9.8216926	9.8741205	9.9475720	10.0524280	27
34	9.8218351	9.8740085	9.9478265	10.0521735	26
35	9.8219775	9.8738965	9.9480810	10.0519190	25
36	9.8221198	9.8737844	9.9483355	10.0516645	24
37	9.8222621	9.8736722	9.9485899	10.0514101	23
38	9.8224042	9.8735599	9.9488443	10.0511557	22
39	9.8225463	9.8734476	9.9490987	10.0509013	21
40	9.8226883	9.8733352	9.9493531	10.0506469	20
41	9.8228302	9.8732227	9.9496075	10.0503925	19
42	9.8229721	9.8731102	9.9498619	10.0501381	18
43	9.8231138	9.8729976	9.9501162	10.0498838	17
44	9.8232555	9.8728849	9.9503705	10.0496295	16
45	9.8233971	9.8727722	9.9506248	10.0493752	15
46	9.8235386	9.8726594	9.9508791	10.0491209	14
47	9.8236800	9.8725466	9.9511334	10.0488666	13
48	9.8238213	9.8724337	9.9513876	10.0486124	12
49	9.8239626	9.8723207	9.9516419	10.0483581	11
50	9.8241037	9.8722076	9.9518961	10.0481039	10
51	9.8242448	9.8720945	9.9521503	10.0478497	9
52	9.8243858	9.8719813	9.9524045	10.0475955	8
53	9.8245267	9.8718682	9.9526587	10.0473413	7
54	9.8246676	9.8717548	9.9529128	10.0470872	6
55	9.8248083	9.8716414	9.9531670	10.0468330	5
56	9.8249490	9.8715279	9.9534211	10.0465789	4
57	9.8250896	9.8714144	9.9536752	10.0463248	3
58	9.8252301	9.8713008	9.9539293	10.0460707	2
59	9.8253705	9.8711872	9.9541834	10.0458166	1
60	9.8255109	9.8710735	9.9544374	10.0455626	0
		Sim. 48.		Tang. 48.	M

M	Sin. 42.	Tang. 42.			
0	9.8255120	9.8710733	9.9544374	10.0455626	60
1	9.8259512	9.8705597	9.9540915	10.0459085	59
2	9.8263912	9.8700455	9.9537455	10.0462545	58
3	9.8268314	9.8695312	9.9533995	10.0466005	57
4	9.8272715	9.8690170	9.9530535	10.0469465	56
5	9.8277114	9.8685029	9.9527075	10.0472925	55
6	9.8281512	9.8679887	9.9523615	10.0476385	54
7	9.8285910	9.8674745	9.9520154	10.0479845	53
8	9.8290307	9.8669603	9.9516694	10.0483305	52
9	9.8294701	9.8664461	9.9513233	10.0486765	51
10	9.8299095	9.8659319	9.9509772	10.0490225	50
11	9.8303491	9.8654177	9.9506311	10.0493685	49
12	9.8307887	9.8649035	9.9502850	10.0497145	48
13	9.8312279	9.8643893	9.9499389	10.0500605	47
14	9.8316671	9.8638751	9.9495928	10.0504065	46
15	9.8321063	9.8633609	9.9492467	10.0507525	45
16	9.8325453	9.8628467	9.9489006	10.0510985	44
17	9.8329843	9.8623325	9.9485545	10.0514445	43
18	9.8334231	9.8618183	9.9482084	10.0517905	42
19	9.8338619	9.8613041	9.9478623	10.0521365	41
20	9.8343006	9.8607899	9.9475162	10.0524825	40
21	9.8347393	9.8602757	9.9471701	10.0528285	39
22	9.8351778	9.8597615	9.9468240	10.0531745	38
23	9.8356163	9.8592473	9.9464779	10.0535205	37
24	9.8360547	9.8587331	9.9461318	10.0538665	36
25	9.8364930	9.8582189	9.9457857	10.0542125	35
26	9.8369312	9.8577047	9.9454396	10.0545585	34
27	9.8373694	9.8571905	9.9450935	10.0549045	33
28	9.8378075	9.8566763	9.9447474	10.0552505	32
29	9.8382454	9.8561621	9.9444013	10.0555965	31
30	9.8386833	9.8556479	9.9440552	10.0559425	30
		Sin. 47.		Tang. 47.	M

M	Sin. 42.	Tang. 42.			
30	9.8296833	9.8675309	9.9620525	10.0379475	30
31	9.8298212	9.8675151	9.9623061	10.0376939	29
32	9.8299589	9.8673992	9.9625597	10.0374403	28
33	9.8300966	9.8672833	9.9628133	10.0371867	27
34	9.8302342	9.8671673	9.9630669	10.0369331	26
35	9.8303717	9.8670512	9.9633204	10.0366796	25
36	9.8305091	9.8669351	9.9635740	10.0364260	24
37	9.8306464	9.8668189	9.9638275	10.0361725	23
38	9.8307837	9.8667026	9.9640811	10.0359189	22
39	9.8309209	9.8665863	9.9643346	10.0356654	21
40	9.8310580	9.8664699	9.9645881	10.0354119	20
41	9.8311950	9.8663534	9.9648416	10.0351584	19
42	9.8313320	9.8662369	9.9650951	10.0349049	18
43	9.8314688	9.8661202	9.9653486	10.0346514	17
44	9.8316056	9.8660036	9.9656020	10.0343980	16
45	9.8317422	9.8658868	9.9658555	10.0341445	15
46	9.8318789	9.8657700	9.9661089	10.0338911	14
47	9.8320155	9.8656531	9.9663623	10.0336377	13
48	9.8321519	9.8655362	9.9666157	10.0333843	12
49	9.8322883	9.8654192	9.9668692	10.0331308	11
50	9.8324246	9.8653021	9.9671225	10.0328775	10
51	9.8325609	9.8651849	9.9673759	10.0326241	9
52	9.8326970	9.8650677	9.9676293	10.0323707	8
53	9.8328331	9.8649504	9.9678827	10.0321173	7
54	9.8329691	9.8648331	9.9681360	10.0318640	6
55	9.8331050	9.8647156	9.9683893	10.0316107	5
56	9.8332408	9.8645981	9.9686427	10.0313573	4
57	9.8333766	9.8644806	9.9688960	10.0311040	3
58	9.8335122	9.8643629	9.9691493	10.0308507	2
59	9.8336478	9.8642452	9.9694025	10.0305974	1
60	9.8337833	9.8641275	9.9696559	10.0303441	0
		Sin. 47.		Tang. 47.	M

M m m m m

M	Sin. 43.		Tang. 43.		
0	9.8337833	9.8641275	9.9696559	10.0303441	60
1	9.8339188	9.8642096	9.9699091	10.0300909	59
2	9.8340541	9.8638917	9.9701624	10.0298376	58
3	9.8341894	9.8637737	9.9704157	10.0295843	57
4	9.8343246	9.8636557	9.9706689	10.0293311	56
5	9.8344597	9.8635376	9.9709221	10.0290779	55
6	9.8345948	9.8634194	9.9711754	10.0288246	54
7	9.8347297	9.8633011	9.9714287	10.0285713	53
8	9.8348646	9.8631828	9.9716818	10.0283182	52
9	9.8349994	9.8630644	9.9719351	10.0280659	51
10	9.8351341	9.8629460	9.9721882	10.0278118	50
11	9.8352688	9.8628274	9.9724413	10.0275587	49
12	9.8354032	9.8627088	9.9726945	10.0273055	48
13	9.8355378	9.8625902	9.9729477	10.0270523	47
14	9.8356722	9.8624714	9.9732008	10.0267992	46
15	9.8358066	9.8623526	9.9734539	10.0265461	45
16	9.8359408	9.8622338	9.9737071	10.0262929	44
17	9.8360750	9.8621148	9.9739602	10.0260398	43
18	9.8362091	9.8619958	9.9742133	10.0257867	42
19	9.8363431	9.8618767	9.9744664	10.0255336	41
20	9.8364771	9.8617576	9.9747195	10.0252805	40
21	9.8366109	9.8616383	9.9749726	10.0250274	39
22	9.8367447	9.8615190	9.9752257	10.0247743	38
23	9.8368784	9.8613997	9.9754787	10.0245213	37
24	9.8370123	9.8612803	9.9757318	10.0242682	36
25	9.8371456	9.8611608	9.9759849	10.0240151	35
26	9.8372791	9.8610412	9.9762379	10.0237621	34
27	9.8374125	9.8609215	9.9764909	10.0235091	33
28	9.8375458	9.8608018	9.9767440	10.0232560	32
29	9.8376790	9.8606821	9.9769970	10.0230030	31
30	9.8378122	9.8605622	9.9772500	10.0227500	30
		Sin. 46.		Tang. 46.	M

M	Sin. 43.		Tang. 43.		
30	9.8378122	9.8605622	9.9772500	10.0227500	30
31	9.8379453	9.8604423	9.9775030	10.0224970	29
32	9.8380783	9.8603223	9.9777560	10.0222440	28
33	9.8382112	9.8602022	9.9780090	10.0219910	27
34	9.8383441	9.8600821	9.9782620	10.0217380	26
35	9.8384769	9.8599619	9.9785149	10.0214851	25
36	9.8386096	9.8598416	9.9787679	10.0212321	24
37	9.8387422	9.8597213	9.9790209	10.0209791	23
38	9.8388747	9.8596009	9.9792738	10.0207262	22
39	9.8390072	9.8594804	9.9795268	10.0204732	21
40	9.8391396	9.8593599	9.9797797	10.0202203	20
41	9.8392719	9.8592393	9.9800326	10.0199674	19
42	9.8394041	9.8591186	9.9802856	10.0197144	18
43	9.8395363	9.8589978	9.9805385	10.0194615	17
44	9.8396684	9.8588770	9.9807914	10.0192086	16
45	9.8398004	9.8587561	9.9810443	10.0189557	15
46	9.8399323	9.8586351	9.9812972	10.0187028	14
47	9.8400642	9.8585141	9.9815501	10.0184499	13
48	9.8401959	9.8583929	9.9818030	10.0181970	12
49	9.8403276	9.8582718	9.9820559	10.0179441	11
50	9.8404593	9.8581505	9.9823087	10.0176913	10
51	9.8405908	9.8580292	9.9825616	10.0174384	9
52	9.8407223	9.8579078	9.9828145	10.0171855	8
53	9.8408537	9.8577863	9.9830673	10.0169327	7
54	9.8409850	9.8576648	9.9833202	10.0166798	6
55	9.8411162	9.8575432	9.9835730	10.0164270	5
56	9.8412474	9.8574215	9.9838259	10.0161741	4
57	9.8413785	9.8572998	9.9840787	10.0159213	3
58	9.8415095	9.8571779	9.9843315	10.0156684	2
59	9.8416404	9.8570561	9.9845844	10.0154155	1
60	9.8417713	9.8569341	9.9848372	10.0151626	0
		Sin. 46.			M

M	Sin. 44.	Tang. 44.	M		
0	9.8417711	9.8569341	9.98483-2	10.0131628	60
1	9.8417721	9.8569321	9.9850900	10.0149100	59
2	9.8420328	9.8569190	9.9853425	10.0146372	58
3	9.8422934	9.8569070	9.9855956	10.0144044	57
4	9.8425539	9.8568951	9.9858484	10.0141510	56
5	9.8428144	9.8568832	9.9861012	10.0139258	55
6	9.8430749	9.8568713	9.9863540	10.0136600	54
7	9.8433354	9.8568594	9.9866068	10.0133932	53
8	9.8435959	9.8568475	9.9868596	10.0131404	52
9	9.8438564	9.8568356	9.9871123	10.0128877	51
10	9.8441169	9.8568237	9.9873651	10.0126449	50
11	9.8443774	9.8568118	9.9876179	10.0123821	49
12	9.8446379	9.8567999	9.9878706	10.0121294	48
13	9.8448984	9.8567880	9.9881234	10.0118766	47
14	9.8451589	9.8567761	9.9883761	10.0116239	46
15	9.8454194	9.8567642	9.9886289	10.0113711	45
16	9.8456799	9.8567523	9.9888816	10.0111184	44
17	9.8459404	9.8567404	9.9891344	10.0108656	43
18	9.8462009	9.8567285	9.9893871	10.0106129	42
19	9.8464614	9.8567166	9.9896399	10.0103601	41
20	9.8467219	9.8567047	9.9898926	10.0101074	40
21	9.8469824	9.8566928	9.9901454	10.0098547	39
22	9.8472429	9.8566809	9.9903981	10.0096019	38
23	9.8475034	9.8566690	9.9906509	10.0093492	37
24	9.8477639	9.8566571	9.9909036	10.0090965	36
25	9.8480244	9.8566452	9.9911564	10.0088438	35
26	9.8482849	9.8566333	9.9914091	10.0085911	34
27	9.8485454	9.8566214	9.9916619	10.0083384	33
28	9.8488059	9.8566095	9.9919146	10.0080857	32
29	9.8490664	9.8565976	9.9921674	10.0078330	31
30	9.8493269	9.8565857	9.9924201	10.0075803	30

Sin. 45.

Tang. 45.

M

M	Sin. 44.	Tang. 44.	M		
30	9.8456618	9.8532420	9.9924197	10.0075802	30
31	9.8457903	9.8531178	9.9926724	10.0073275	29
32	9.8459187	9.8529936	9.9929251	10.0070748	28
33	9.8460471	9.8528693	9.9931778	10.0068221	27
34	9.8461754	9.8527449	9.9934305	10.0065694	26
35	9.8463036	9.8526204	9.9936832	10.0063167	25
36	9.8464317	9.8524958	9.9939359	10.0060641	24
37	9.8465598	9.8523712	9.9941886	10.0058114	23
38	9.8466878	9.8522465	9.9944412	10.0055587	22
39	9.8468157	9.8521218	9.9946939	10.0053060	21
40	9.8469436	9.8519969	9.9949466	10.0050533	20
41	9.8470713	9.8518720	9.9951993	10.0048006	19
42	9.8471991	9.8517471	9.9954520	10.0045480	18
43	9.8473267	9.8516220	9.9957047	10.0042953	17
44	9.8474542	9.8514969	9.9959573	10.0040426	16
45	9.8475817	9.8513717	9.9962100	10.0037899	15
46	9.8477091	9.8512464	9.9964627	10.0035373	14
47	9.8478364	9.8511211	9.9967153	10.0032846	13
48	9.8479637	9.8509957	9.9969680	10.0030319	12
49	9.8480909	9.8508701	9.9972207	10.0027793	11
50	9.8482180	9.8507446	9.9974733	10.0025266	10
51	9.8483450	9.8506190	9.9977260	10.0022739	9
52	9.8484720	9.8504933	9.9979787	10.0020213	8
53	9.8485988	9.8503675	9.9982312	10.0017686	7
54	9.8487257	9.8502416	9.9984840	10.0015159	6
55	9.8488524	9.8501157	9.9987367	10.0012633	5
56	9.8489790	9.8499897	9.9989893	10.0010106	4
57	9.8491056	9.8498636	9.9992420	10.0007579	3
58	9.8492221	9.8497375	9.9994946	10.0005053	2
59	9.8493386	9.8496113	9.9997473	10.0002526	1
60	9.8494550	9.8494850	10.0000000	10.0000000	0

Sin. 45.

Tang. 45.

M