x	f(x)	g(x)
0.785397	0.707106	0.707107
0.801105	0.718126	0.695913
0.816813	0.728968	0.684548
0.832521	0.739631	0.673013
0.848229	0.750111	0.661312
0.863937	0.760406	0.649449
0.879645	0.770513	0.637424
0.895353	0.78043	0.625243
0.911061	0.790155	0.612908
0.926769	0.799684	0.600421
0.942477	0.809017	0.587786
0.958185	0.818149	0.575006
0.973893	0.82708	0.562084
0.989601	0.835807	0.549023
1.005309	0.844328	0.535827
1.021017	0.85264	0.522499
1.036725	0.860742	0.509042
1.052433	0.868631	0.495459
1.068141	0.876306	0.481754
1.083849	0.883765	0.46793
1.099557	0.891006	0.453991
1.115265	0.898027	0.43994
1.130973	0.904827	0.42578
1.146681	0.911403	0.411515
1.162389	0.917754	0.397148
1.178097	0.923879	0.382684
1.193805	0.929776	0.368125
1.209513	0.935444	0.353475
1.225221	0.940881	0.338738
1.240928	0.946085	0.323918
1.256636	0.951056	0.309018
1.272344	0.955793	0.294041
1.288052	0.960294	0.278992
1.30376	0.964557	0.263874
1.319468	0.968583	0.24869
1.335176	0.97237	0.233446
1.350884	0.975917	0.218144
1.366592	0.979223	0.202788
1.3823	0.982287	0.187382
1.398008	0.985109	0.17193
1.413716	0.987688	0.156435
1.429424	0.990024	0.140902
1.445132	0.992115	0.125334
1.46084	0.993961	0.109735
1.476548	0.995562	0.094109
1.492256	0.996917	0.07846
1.507964	0.998027	0.062791
1.523672	0.99889	0.047107
1.53938	0.999507	0.031411
1.555088	0.999877	0.015708
1.570796	1	1E-06
1.586504	0.999877	-0.015707

1.602212	0.999507	-0.03141
1.61792	0.99889	-0.047106
1.633628	0.998027	-0.06279
1.649336	0.996917	-0.078459
1.665044	0.995562	-0.094108
1.680752	0.993961	-0.109734
1.696459	0.992115	-0.125333
1.712167	0.990024	-0.140901
1.727875	0.987688	-0.156434
1.743583	0.985109	-0.171929
1.759291	0.982287	-0.187381
1.774999	0.979223	-0.202787
1.790707	0.975917	-0.218143
1.806415	0.97237	-0.233445
1.822123	0.968583	-0.248689
1.837831	0.964558	-0.263873
1.853539	0.960294	-0.278991
1.869247	0.955793	-0.29404
1.884955	0.951057	-0.309016
1.900663	0.946086	-0.323917
1.916371	0.940881	-0.338737
1.932079	0.935444	-0.353474
1.947787	0.929777	-0.368124
1.963495	0.92388	-0.382683
1.979203	0.917755	-0.397147
1.994911	0.911403	-0.411514
2.010619	0.904827	-0.425779
2.026327	0.898028	-0.439939
2.042035	0.891007	-0.45399
2.057743	0.883766	-0.467929
2.073451	0.876307	-0.481753
2.089159	0.868632	-0.495458
2.104867	0.860742	-0.509041
2.120575	0.85264	-0.522498
2.136282	0.844328	-0.535826
2.15199	0.835808	-0.549022
2.167698	0.827081	-0.562083
2.183406	0.81815	-0.575005
2.199114	0.809017	-0.587785
2.214822	0.799685	-0.60042
2.23053	0.790155	-0.612907
2.246238	0.780431	-0.625242
2.261946	0.770514	-0.637424
2.277654	0.760406	-0.649448
2.293362	0.750111	-0.661311
2.30907	0.739631	-0.673012
2.324778	0.728969	-0.684547
2.340486	0.718127	-0.695912
2.356194	0.707107	-0.707106
2.371902	0.695913	-0.718126
2.38761	0.684547	-0.728968
2.403318	0.673013	-0.739631
2.419026	0.661312	-0.750111

2.434734	0.649448	-0.760406
2.450442	0.637424	-0.770513
2.46615	0.625243	-0.78043
2.481858	0.612907	-0.790155
2.497566	0.600421	-0.799684
2.513274	0.587786	-0.809017
2.528982	0.575006	-0.818149
2.54469	0.562084	-0.82708
2.560398	0.549023	-0.835807
2.576106	0.535827	-0.844328
2.591813	0.522499	-0.85264
2.607521	0.509042	-0.860742
2.623229	0.495459	-0.868631
2.638937	0.481754	-0.876306
2.654645	0.46793	-0.883765
2.670353	0.453991	-0.891006
2.686061	0.43994	-0.898027
2.701769	0.42578	-0.904827
2.717477	0.411515	-0.911403
2.733185	0.397148	-0.917754
2.748893	0.382684	-0.923879
2.764601	0.368125	-0.929776
2.780309	0.353475	-0.935444
2.796017	0.338738	-0.940881
2.811725	0.323918	-0.946085
2.827433	0.309017	-0.951056
2.843141	0.294041	-0.955793
2.858849	0.278992	-0.960294
2.874557	0.263873	-0.964557
2.890265	0.24869	-0.968583
2.905973	0.233446	-0.97237
2.921681	0.218144	-0.975917
2.937389	0.202788	-0.979223
2.953097	0.187382	-0.982287
2.968805	0.17193	-0.985109
2.984513	0.156435	-0.987688
3.000221	0.140902	-0.990024
3.015929	0.125334	-0.992115
3.031636	0.109735	-0.993961
3.047344	0.094109	-0.995562
3.063052	0.07846	-0.996917
3.07876	0.062791	-0.998027
3.094468	0.047107	-0.99889
3.110176	0.031411	-0.999507
3.125884	0.015708	-0.999877
3.141592	0	-1
3.1573	-0.015707	-0.999877
3.173008	-0.03141	-0.999507
3.188716	-0.047106	-0.99889
3.204424	-0.06279	-0.998027
3.220132	-0.078459	-0.996917
3.23584	-0.094108	-0.995562
3.251548	-0.109734	-0.993961

3.267256	-0.125333	-0.992115
3.282964	-0.140901	-0.990024
3.298672	-0.156434	-0.987688
3.31438	-0.171929	-0.985109
3.330088	-0.187381	-0.982287
3.345796	-0.202787	-0.979223
3.361504	-0.218143	-0.975917
3.377212	-0.233445	-0.97237
3.39292	-0.24869	-0.968583
3.408628	-0.263873	-0.964558
3.424336	-0.278991	-0.960294
3.440044	-0.29404	-0.955793
3.455752	-0.309017	-0.951057
3.47146	-0.323917	-0.946085
3.487167	-0.338738	-0.940881
3.502875	-0.353475	-0.935444
3.518583	-0.368124	-0.929777
3.534291	-0.382683	-0.92388
3.549999	-0.397148	-0.917755
3.565707	-0.411514	-0.911403
3.581415	-0.425779	-0.904827
3.597123	-0.439939	-0.898028
3.612831	-0.45399	-0.891007
3.628539	-0.46793	-0.883766
3.644247	-0.481753	-0.876307
3.659955	-0.495458	-0.868632
3.675663	-0.509041	-0.860742
3.691371	-0.522498	-0.85264
3.707079	-0.535827	-0.844328
3.722787	-0.549023	-0.835808
3.738495	-0.562083	-0.827081
3.754203	-0.575005	-0.81815
3.769911	-0.587785	-0.809017
3.785619	-0.60042	-0.799685
3.801327	-0.612907	-0.790155
3.817035	-0.625242	-0.780431
3.832743	-0.637424	-0.770513
3.848451	-0.649448	-0.760406
3.864159	-0.661312	-0.750111
3.879867	-0.673012	-0.739631
3.895575	-0.684547	-0.728969
3.911283	-0.695913	-0.718127
3.92699	-0.707107	-0.707107

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