

Degrees	Sine	Cosine
1	0.017452	0.999848
2	0.034899	0.999391
3	0.052336	0.99863
4	0.069756	0.997564
5	0.087156	0.996195
6	0.104528	0.994522
7	0.121869	0.992546
8	0.139173	0.990268
9	0.156434	0.987688
10	0.173648	0.984808
11	0.190809	0.981627
12	0.207912	0.978148
13	0.224951	0.97437
14	0.241922	0.970296
15	0.258819	0.965926
16	0.275637	0.961262
17	0.292372	0.956305
18	0.309017	0.951057
19	0.325568	0.945519
20	0.34202	0.939693
21	0.358368	0.93358
22	0.374607	0.927184
23	0.390731	0.920505
24	0.406737	0.913545
25	0.422618	0.906308
26	0.438371	0.898794
27	0.45399	0.891007
28	0.469472	0.882948
29	0.48481	0.87462
30	0.5	0.866025
31	0.515038	0.857167
32	0.529919	0.848048
33	0.544639	0.838671
34	0.559193	0.829038
35	0.573576	0.819152
36	0.587785	0.809017
37	0.601815	0.798636
38	0.615661	0.788011
39	0.62932	0.777146
40	0.642788	0.766044
41	0.656059	0.75471
42	0.669131	0.743145
43	0.681998	0.731354
44	0.694658	0.71934
45	0.707107	0.707107

Degrees	Sine	Cosine
46	0.71934	0.694658
47	0.731354	0.681998
48	0.743145	0.669131
49	0.75471	0.656059
50	0.766044	0.642788
51	0.777146	0.62932
52	0.788011	0.615661
53	0.798636	0.601815
54	0.809017	0.587785
55	0.819152	0.573576
56	0.829038	0.559193
57	0.838671	0.544639
58	0.848048	0.529919
59	0.857167	0.515038
60	0.866025	0.5
61	0.87462	0.48481
62	0.882948	0.469472
63	0.891007	0.45399
64	0.898794	0.438371
65	0.906308	0.422618
66	0.913545	0.406737
67	0.920505	0.390731
68	0.927184	0.374607
69	0.93358	0.358368
70	0.939693	0.34202
71	0.945519	0.325568
72	0.951057	0.309017
73	0.956305	0.292372
74	0.961262	0.275637
75	0.965926	0.258819
76	0.970296	0.241922
77	0.97437	0.224951
78	0.978148	0.207912
79	0.981627	0.190809
80	0.984808	0.173648
81	0.987688	0.156434
82	0.990268	0.139173
83	0.992546	0.121869
84	0.994522	0.104528
85	0.996195	0.087156
86	0.997564	0.069756
87	0.99863	0.052336
88	0.999391	0.034899
89	0.999848	0.017452
90	1	0