

x	$\sin x$	$\cos x$	$\tan x$	x	$\sin x$	$\cos x$	$\tan x$
0	0.000000	1.000000	0.000000	45	0.707107	0.707107	1.000000
1	0.017452	0.999848	0.017455	46	0.719340	0.694658	1.035530
2	0.034899	0.999391	0.034921	47	0.731354	0.681998	1.072369
3	0.052336	0.998630	0.052408	48	0.743145	0.669131	1.110613
4	0.069756	0.997564	0.069927	49	0.754710	0.656059	1.150368
5	0.087156	0.996195	0.087489	50	0.766044	0.642788	1.191754
6	0.104528	0.994522	0.105104	51	0.777146	0.629320	1.234897
7	0.121869	0.992546	0.122785	52	0.788011	0.615661	1.279942
8	0.139173	0.990268	0.140541	53	0.798636	0.601815	1.327045
9	0.156434	0.987688	0.158384	54	0.809017	0.587785	1.376382
10	0.173648	0.984808	0.176327	55	0.819152	0.573576	1.428148
11	0.190809	0.981627	0.194380	56	0.829038	0.559193	1.482561
12	0.207912	0.978148	0.212557	57	0.838671	0.544639	1.539865
13	0.224951	0.974370	0.230868	58	0.848048	0.529919	1.600335
14	0.241922	0.970296	0.249328	59	0.857167	0.515038	1.664279
15	0.258819	0.965926	0.267949	60	0.866025	0.500000	1.732051
16	0.275637	0.961262	0.286745	61	0.874620	0.484810	1.804048
17	0.292372	0.956305	0.305731	62	0.882948	0.469472	1.880726
18	0.309017	0.951057	0.324920	63	0.891007	0.453990	1.962611
19	0.325568	0.945519	0.344328	64	0.898794	0.438371	2.050304
20	0.342020	0.939693	0.363970	65	0.906308	0.422618	2.144507
21	0.358368	0.933580	0.383864	66	0.913545	0.406737	2.246037
22	0.374607	0.927184	0.404026	67	0.920505	0.390731	2.355852
23	0.390731	0.920505	0.424475	68	0.927184	0.374607	2.475087
24	0.406737	0.913545	0.445229	69	0.933580	0.358368	2.605089
25	0.422618	0.906308	0.466308	70	0.939693	0.342020	2.747477
26	0.438371	0.898794	0.487733	71	0.945519	0.325568	2.904211
27	0.453990	0.891007	0.509525	72	0.951057	0.309017	3.077684
28	0.469472	0.882948	0.531709	73	0.956305	0.292372	3.270853
29	0.484810	0.874620	0.554309	74	0.961262	0.275637	3.487414
30	0.500000	0.866025	0.577350	75	0.965926	0.258819	3.732051
31	0.515038	0.857167	0.600861	76	0.970296	0.241922	4.010781
32	0.529919	0.848048	0.624869	77	0.974370	0.224951	4.331476
33	0.544639	0.838671	0.649408	78	0.978148	0.207912	4.704630
34	0.559193	0.829038	0.674509	79	0.981627	0.190809	5.144554
35	0.573576	0.819152	0.700208	80	0.984808	0.173648	5.671282
36	0.587785	0.809017	0.726543	81	0.987688	0.156434	6.313752
37	0.601815	0.798636	0.753554	82	0.990268	0.139173	7.115370
38	0.615661	0.788011	0.781286	83	0.992546	0.121869	8.144346
39	0.629320	0.777146	0.809784	84	0.994522	0.104528	9.514364
40	0.642788	0.766044	0.839100	85	0.996195	0.087156	11.430052
41	0.656059	0.754710	0.869287	86	0.997564	0.069756	14.300666
42	0.669131	0.743145	0.900404	87	0.998630	0.052336	19.081137
43	0.681998	0.731354	0.932515	88	0.999391	0.034899	28.636253
44	0.694658	0.719340	0.965689	89	0.999848	0.017452	57.289962