

Natural Trigonometric Functions

θ	Deg			Tan
	Sin	Cos	Rad	
46	0.802	0.7193	0.6947	1.0355
47	0.820	0.7314	0.6820	1.0724
48	0.837	0.7431	0.6691	1.1106
49	0.855	0.7547	0.6561	1.1504
50	0.872	0.7660	0.6428	1.1918
51	0.890	0.7771	0.6293	1.2349
52	0.907	0.7880	0.6157	1.2799
53	0.925	0.7986	0.6018	1.3270
54	0.942	0.8090	0.5878	1.3764
55	0.959	0.8192	0.5736	1.4281
56	0.977	0.8290	0.5592	1.4826
57	0.994	0.8387	0.5446	1.5399
58	1.012	0.8480	0.5299	1.6003
59	1.029	0.8572	0.5150	1.6643
60	1.047	0.8660	0.5000	1.7321
61	1.064	0.8746	0.4848	1.8040
62	1.082	0.8829	0.4695	1.8807
63	1.099	0.8910	0.4540	1.9626
64	1.116	0.8988	0.4384	2.0503
65	1.134	0.9063	0.4226	2.1445
66	1.151	0.9135	0.4067	2.2460
67	1.169	0.9205	0.3907	2.3559
68	1.186	0.9272	0.3746	2.4751
69	1.204	0.9336	0.3584	2.6051
70	1.221	0.9397	0.3420	2.7475
71	1.239	0.9455	0.3256	2.9042
72	1.256	0.9511	0.3090	3.0777
73	1.273	0.9563	0.2924	3.2709
74	1.291	0.9613	0.2756	3.4874
75	1.308	0.9659	0.2588	3.7321
76	1.326	0.9703	0.2419	4.0108
77	1.343	0.9744	0.2250	4.3315
78	1.361	0.9781	0.2079	4.7046
79	1.378	0.9816	0.1908	5.1446
80	1.396	0.9848	0.1736	5.6713
81	1.413	0.9877	0.1564	6.3138
82	1.430	0.9903	0.1392	7.1154
83	1.448	0.9925	0.1219	8.1443
84	1.465	0.9945	0.1045	9.5144
85	1.483	0.9962	0.0872	11.4301
86	1.500	0.9976	0.0698	14.3007
87	1.518	0.9986	0.0523	19.0811
88	1.535	0.9994	0.0349	28.6363
89	1.553	0.9998	0.0175	57.2900
90	1.570	1.0000	0.0000	

θ	Deg			Tan
	Sin	Cos	Rad	
0	0.000	1	0	0
1	0.017	0.9998	0.0175	0.0349
2	0.035	0.9994	0.0349	0.0524
3	0.052	0.9986	0.0523	0.0699
4	0.070	0.9976	0.0698	0.0875
5	0.087	0.9962	0.0872	0.1051
6	0.105	0.9945	0.1045	0.1228
7	0.122	0.9925	0.1219	0.1405
8	0.140	0.9903	0.1392	0.1584
9	0.157	0.9877	0.1564	0.1763
10	0.174	0.9848	0.1736	0.1944
11	0.192	0.9816	0.1908	0.2126
12	0.209	0.9781	0.2079	0.2309
13	0.227	0.9744	0.2250	0.2493
14	0.244	0.9703	0.2419	0.2679
15	0.262	0.9659	0.2588	0.2867
16	0.279	0.9613	0.2756	0.3057
17	0.297	0.9563	0.2924	0.3249
18	0.314	0.9511	0.3090	0.3443
19	0.331	0.9455	0.3256	0.3640
20	0.349	0.9397	0.3420	0.3839
21	0.366	0.9336	0.3584	0.4040
22	0.384	0.9272	0.3746	0.4245
23	0.401	0.9205	0.3907	0.4452
24	0.419	0.9135	0.4067	0.4663
25	0.436	0.9063	0.4226	0.4877
26	0.454	0.8988	0.4384	0.5095
27	0.471	0.8910	0.4540	0.5317
28	0.488	0.8829	0.4695	0.5543
29	0.506	0.8746	0.4848	0.5774
30	0.523	0.8660	0.5000	0.6009
31	0.541	0.8572	0.5150	0.6249
32	0.558	0.8480	0.5299	0.6494
33	0.576	0.8387	0.5446	0.6745
34	0.593	0.8290	0.5592	0.7002
35	0.611	0.8192	0.5736	0.7265
36	0.628	0.8090	0.5878	0.7536
37	0.645	0.8018	0.6018	0.7813
38	0.663	0.8157	0.6157	0.8098
39	0.680	0.8293	0.6293	0.8391
40	0.698	0.8428	0.6428	0.8693
41	0.715	0.8561	0.6561	0.8998
42	0.733	0.8691	0.6691	0.9325
43	0.750	0.8820	0.6820	0.9657
44	0.768	0.8947	0.6947	0.9998
45	0.785	0.9071	0.7071	1.0000

The Engineering Toolbox