

Trigonometric Table (0° to 90°)

Approximate values of $\sin(\theta)$, $\cos(\theta)$, and $\tan(\theta)$ for selected angles. Values are rounded to five decimals.

Angle (θ)	$\sin(\theta)$	$\cos(\theta)$	$\tan(\theta)$
1°	0.01745	0.99985	0.01746
2°	0.03490	0.99939	0.03492
3°	0.05234	0.99863	0.05241
4°	0.06976	0.99756	0.06993
5°	0.08716	0.99619	0.08749
6°	0.10453	0.99452	0.10510
7°	0.12187	0.99255	0.12278
8°	0.13917	0.99027	0.14054
9°	0.15643	0.98769	0.15838
10°	0.17365	0.98481	0.17633
11°	0.19081	0.98163	0.19438
12°	0.20791	0.97815	0.21256
13°	0.22495	0.97437	0.23087
14°	0.24192	0.97030	0.24933
15°	0.25882	0.96593	0.26795
16°	0.27564	0.96126	0.28675
17°	0.29237	0.95630	0.30573
18°	0.30902	0.95106	0.32492
19°	0.32557	0.94552	0.34433
20°	0.34202	0.93969	0.36397
21°	0.35837	0.93358	0.38386
22°	0.37461	0.92718	0.40403
23°	0.39073	0.92050	0.42447
24°	0.40674	0.91355	0.44523
25°	0.42262	0.90631	0.46631
26°	0.43837	0.89879	0.48773
27°	0.45399	0.89101	0.50953
28°	0.46947	0.88295	0.53171
29°	0.48481	0.87462	0.55431
30°	0.50000	0.86603	0.57735
31°	0.51504	0.85717	0.60086
32°	0.52992	0.84805	0.62487
33°	0.54464	0.83867	0.64941
34°	0.55919	0.82904	0.67451
35°	0.57358	0.81915	0.70021
36°	0.58779	0.80902	0.72654
37°	0.60182	0.79864	0.75355
38°	0.61566	0.78801	0.78129
39°	0.62932	0.77715	0.80978
40°	0.64279	0.76604	0.83910
41°	0.65606	0.75471	0.86929
42°	0.66913	0.74314	0.90040

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43°	0.68200	0.73135	0.93252
44°	0.69466	0.71934	0.96569
45°	0.70711	0.70711	1.00000
46°	0.71934	0.69466	1.03553
47°	0.73135	0.68200	1.07237
48°	0.74314	0.66913	1.11061
49°	0.75471	0.65606	1.15037
50°	0.76604	0.64279	1.19175
51°	0.77715	0.62932	1.23490
52°	0.78801	0.61566	1.27994
53°	0.79864	0.60182	1.32704
54°	0.80902	0.58779	1.37638
55°	0.81915	0.57358	1.42815
56°	0.82904	0.55919	1.48256
57°	0.83867	0.54464	1.53986
58°	0.84805	0.52992	1.60033
59°	0.85717	0.51504	1.66428
60°	0.86603	0.50000	1.73205
61°	0.87462	0.48481	1.80405
62°	0.88295	0.46947	1.88073
63°	0.89101	0.45399	1.96261
64°	0.89879	0.43837	2.05030
65°	0.90631	0.42262	2.14451
66°	0.91355	0.40674	2.24604
67°	0.92050	0.39073	2.35585
68°	0.92718	0.37461	2.47509
69°	0.93358	0.35837	2.60509
70°	0.93969	0.34202	2.74748
71°	0.94552	0.32557	2.90421
72°	0.95106	0.30902	3.07768
73°	0.95630	0.29237	3.27085
74°	0.96126	0.27564	3.48741
75°	0.96593	0.25882	3.73205
76°	0.97030	0.24192	4.01078
77°	0.97437	0.22495	4.33148
78°	0.97815	0.20791	4.70463
79°	0.98163	0.19081	5.14455
80°	0.98481	0.17365	5.67128
81°	0.98769	0.15643	6.31375
82°	0.99027	0.13917	7.11537
83°	0.99255	0.12187	8.14435
84°	0.99452	0.10453	9.51436

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85°	0.99619	0.08716	11.43005
86°	0.99756	0.06976	14.30067
87°	0.99863	0.05234	19.08114
88°	0.99939	0.03490	28.63625
89°	0.99985	0.01745	57.28996
90°	1.00000	0.00000	undefined