

Table of common trig values

θ	θ	$\sin \theta$	$\cos \theta$	$\tan \theta$	$\cot \theta$	$\sec \theta$	$\csc \theta$
0°	0	0	1	0	D.N.E.	1	D.N.E.
30°	$\frac{\pi}{6}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$	$\sqrt{3}$	$\frac{2}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$	2
45°	$\frac{\pi}{4}$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$	1	1	$\sqrt{2}$	$\sqrt{2}$
60°	$\frac{\pi}{3}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$	2	$\frac{2}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$
90°	$\frac{\pi}{2}$	1	0	D.N.E.	0	D.N.E.	1
120°	$\frac{2\pi}{3}$	$\frac{\sqrt{3}}{2}$	$-\frac{1}{2}$	$-\sqrt{3}$	$\frac{-1}{\sqrt{3}} = \frac{-\sqrt{3}}{3}$	-2	$\frac{2}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$
135°	$\frac{3\pi}{4}$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$	$\frac{-1}{\sqrt{2}} = \frac{-\sqrt{2}}{2}$	-1	-1	$-\sqrt{2}$	$\sqrt{2}$
150°	$\frac{5\pi}{6}$	$\frac{1}{2}$	$\frac{-\sqrt{3}}{2}$	$\frac{-1}{\sqrt{3}} = \frac{-\sqrt{3}}{3}$	$-\sqrt{3}$	$\frac{-2}{\sqrt{3}} = \frac{-2\sqrt{3}}{3}$	2
180°	π	0	-1	0	D.N.E.	-1	D.N.E.
210°	$\frac{7\pi}{6}$	$-\frac{1}{2}$	$\frac{-\sqrt{3}}{2}$	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$	$\sqrt{3}$	$\frac{-2}{\sqrt{3}} = \frac{-2\sqrt{3}}{3}$	-2
225°	$\frac{5\pi}{4}$	$\frac{-1}{\sqrt{2}} = \frac{-\sqrt{2}}{2}$	$\frac{-1}{\sqrt{2}} = \frac{-\sqrt{2}}{2}$	1	1	$-\sqrt{2}$	$-\sqrt{2}$
240°	$\frac{4\pi}{3}$	$\frac{-\sqrt{3}}{2}$	$-\frac{1}{2}$	$\sqrt{3}$	$\frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$	-2	$\frac{-2}{\sqrt{3}} = \frac{-2\sqrt{3}}{3}$
270°	$\frac{3\pi}{2}$	-1	0	D.N.E.	0	D.N.E.	-1
300°	$\frac{5\pi}{3}$	$\frac{-\sqrt{3}}{2}$	$\frac{1}{2}$	$-\sqrt{3}$	$\frac{-1}{\sqrt{3}} = \frac{-\sqrt{3}}{3}$	2	$\frac{-2}{\sqrt{3}} = \frac{-2\sqrt{3}}{3}$
315°	$\frac{7\pi}{4}$	$\frac{-1}{\sqrt{2}} = \frac{-\sqrt{2}}{2}$	$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$	-1	-1	$\sqrt{2}$	$-\sqrt{2}$
330°	$\frac{11\pi}{6}$	$-\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{-1}{\sqrt{3}} = \frac{-\sqrt{3}}{3}$	$-\sqrt{3}$	$\frac{2}{\sqrt{3}} = \frac{2\sqrt{3}}{3}$	-2
360°	2π	0	1	0	D.N.E.	1	D.N.E.

D.N.E. = Does Not Exist

For θ 's above 2π , subtract 2π until $\theta \in [0, 2\pi)$

For negative θ 's, add 2π until $\theta \in [0, 2\pi)$