

key

TRIG TABLES

Angle °	0	30	45	60	90	120	135	150	180
Radians (exact)	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	$\frac{3\pi}{4}$	$\frac{5\pi}{6}$	π
Radians (approx.)	0	0.523	0.785	1.046	1.57	0.212	2.355	2.616	3.14
Sine (exact)	0	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$	1	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$	0
Sine (approx.)	0	0.5	0.707	0.866	1	0.866	0.707	0.5	0
Cosine (exact)	1	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$	0	$-\frac{1}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{3}}{2}$	-1
Cosine (approx.)	1	0.866	0.707	0.5	0	-0.5	-0.707	-0.866	-1
Tangent (exact)	0	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	und.	$-\sqrt{3}$	-1	$-\frac{\sqrt{3}}{3}$	0
Tangent (approx.)	0	0.577	1	1.732	und.	-1.732	-1	-0.577	0

$$y \Leftarrow$$

$$x \Leftarrow$$

$$\frac{y}{x} \Leftarrow$$

Angle °	210	225	240	270	300	315	330	360
Radians (exact)	$\frac{7\pi}{6}$	$\frac{5\pi}{4}$	$\frac{4\pi}{3}$	$\frac{3\pi}{2}$	$\frac{5\pi}{3}$	$\frac{7\pi}{4}$	$\frac{11\pi}{6}$	2π
Radians (approx.)	3.663	3.926	4.186	4.71	5.233	5.495	5.756	6.28
Sine (exact)	$-\frac{1}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{3}}{2}$	-1	$-\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{1}{2}$	0
Sine (approx.)	-0.5	-0.707	-0.866	-1	-0.866	-0.707	-0.5	0
Cosine (exact)	$-\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{1}{2}$	0	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$	1
Cosine (approx.)	-0.866	-0.707	-0.5	0	0.5	0.707	0.866	1
Tangent (exact)	$-\frac{1}{\sqrt{3}}$	$-\frac{1}{\sqrt{2}}$	$-\sqrt{3}$	und.	$-\sqrt{3}$	-1	$-\frac{\sqrt{3}}{3}$	0
Tangent (approx.)	-0.577	-0.707	-1.732	und.	-1.732	-1	-0.577	0

$$y \Leftarrow$$

$$x \Leftarrow$$