	Degree	Radian	sin( )	cos( )	$\tan(\ ) = \frac{\sin(\ )}{\cos(\ )}$
1st Quadrant	0	0	$\frac{\sqrt{0}}{2} = 0$	$\frac{\sqrt{4}}{2} = 1$	$\frac{0}{1} = 0$
	30	$\pi/6$	$\frac{\sqrt{1}}{2} = \frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{(1/2)}{(\sqrt{3}/2)} = \frac{1}{\sqrt{3}}$
	45	$\pi/4$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{(\sqrt{2}/2)}{(\sqrt{2}/2)} = 1$
	60	$\pi/3$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{1}}{2} = \frac{1}{2}$	$\frac{(\sqrt{3}/2)}{(1/2)} = \sqrt{3}$
	90	$\pi/2$	$\frac{\sqrt{4}}{2} = 1$	$\frac{\sqrt{0}}{2} = 0$	$\frac{1}{0} = undef$
2nd Quadrant	120	$2\pi/3$	$\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{1}}{2} = -\frac{1}{2}$	$\frac{(\sqrt{3}/2)}{(-1/2)} = -\sqrt{3}$
	135	$3\pi/4$	$\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{2}}{2}$	$\frac{(\sqrt{2}/2)}{(-\sqrt{2}/2)} = -1$
	150	$5\pi/6$	$\frac{\sqrt{1}}{2} = \frac{1}{2}$	$-\frac{\sqrt{3}}{2}$	$\frac{(1/2)}{(-\sqrt{3}/2)} = -\frac{1}{\sqrt{3}}$
	180	π	$\frac{\sqrt{0}}{2} = 0$	$-\frac{\sqrt{4}}{2} = -1$	$\frac{0}{-1} = 0$
3rd Quadrant	210	$7\pi/6$	$-\frac{\sqrt{1}}{2} = -\frac{1}{2}$	$-\frac{\sqrt{3}}{2}$	$\frac{(-1/2)}{(-\sqrt{3}/2)} = \frac{1}{\sqrt{3}}$
	225	$5\pi/4$	$-\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{2}}{2}$	$\frac{(-\sqrt{2}/2)}{(-\sqrt{2}/2)} = 1$
	240	$4\pi/3$	$-\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{1}}{2} = -\frac{1}{2}$	$\frac{(-\sqrt{3}/2)}{(-1/2)} = \sqrt{3}$
	270	$3\pi/2$	$-\frac{\sqrt{4}}{2} = -1$	$\frac{\sqrt{0}}{2} = 0$	$\frac{-1}{0} = undef$
4th Quadrant	300	$5\pi/3$	$-\frac{\sqrt{3}}{2}$	$\frac{\sqrt{1}}{2} = \frac{1}{2}$	$\frac{(-\sqrt{3}/2)}{(1/2)} = -\sqrt{3}$
	315	$7\pi/4$	$-\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{(-\sqrt{2}/2)}{(\sqrt{2}/2)} = -1$
	330	$11\pi/6$	$-\frac{\sqrt{1}}{2} = -\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{(-1/2)}{(\sqrt{3}/2)} = -\frac{1}{\sqrt{3}}$
	360	2π	$\frac{\sqrt{0}}{2} = 0$	$\frac{\sqrt{4}}{2} = 1$	$\frac{0}{1} = 0$