

Unit Circle Reference

0 0 (1, 0) 30 $\pi/6$ ($\sqrt{3}/2$, 1/2) 45 $\pi/4$ ($\sqrt{2}/2$, $\sqrt{2}/2$) 90 $\pi/2$ (0, 1) 180 π (-1, 0) 270 $3\pi/2$ (0, -1)

Coordinates $(\cos \theta, \sin \theta)$

Tangent $\tan \theta = y / x$

Conversion $\pi \text{ rad} = 180$