

UNIT CIRCLE

$(\sqrt{3}/2, 1/2)$ $\pi/6$ 30 $(\sqrt{2}/2, \sqrt{2}/2)$ $\pi/4$ 45 $(1/2, \sqrt{3}/2)$ $\pi/3$ 60 (1, 0) (0, 1) (-1, 0) (0, -1)

COSINE (x)

The horizontal distance from the center.

SINE (y)

The vertical distance from the center.

TANGENT (y/x)

The slope of the terminal side.