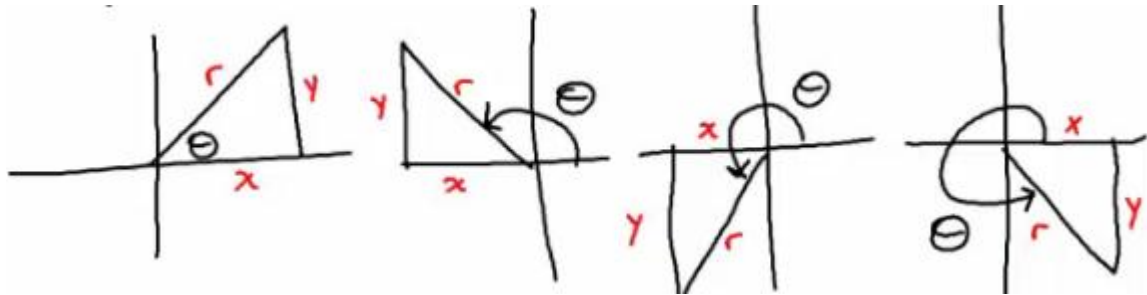


Trigonometry of Angles

Trigonometric Functions of Any Angle



$\sin \theta =$

$\csc \theta =$

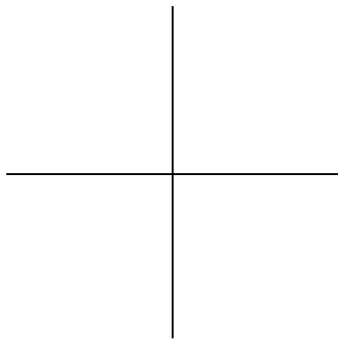
$r =$

$\cos \theta =$

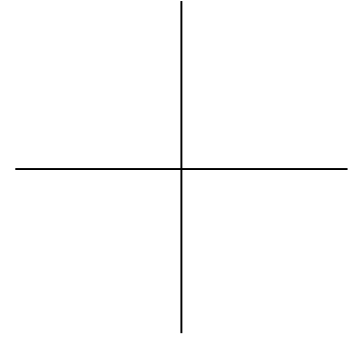
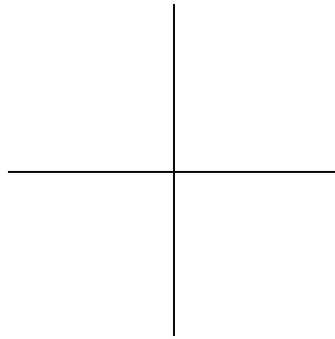
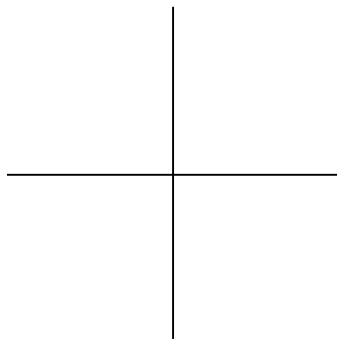
$\sec \theta =$

$\tan \theta =$

$\cot \theta =$



Reference Angles



$$(-2, 5)$$

$$\cot \theta > 0, \sin \theta < 0$$

$$\sin \theta = \frac{-8}{17}, \tan \theta > 0$$

$$\frac{12\pi}{7}$$

$$\frac{3\pi}{5}$$

$$570^\circ$$

$$\sin\left(\frac{-13\pi}{4}\right) =$$

$$\cos\left(\frac{31\pi}{6}\right) =$$

$$\tan\left(\frac{-13\pi}{3}\right) =$$

$$\cos \pi \tan\left(\frac{8\pi}{3}\right) - \sin\left(\frac{-5\pi}{6}\right)$$

$$f(x) = \sin x$$

$$g(x) = \cos x$$

$$h(x) = 2x$$

$$f\left(\frac{4\pi}{3}\right) =$$

$$g\left(\frac{\pi}{6}\right) =$$

$$(h \circ g)\left(\frac{13\pi}{6}\right) =$$