

DEGREES

θ (Deg)	θ (Rad)	Ref Angle	$\sin \theta$	$\cos \theta$	$\tan \theta$
0°					
30°					
45°					
60°					
90°					

$\sin(135^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan(315^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos(300^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin(240^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos(330^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin(300^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan(120^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos(225^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin(315^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos(120^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin(225^\circ)$

Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan(225^\circ)$

Reference Angle: _____

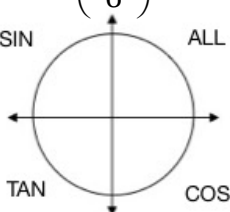
Rewrite: _____

Solution: _____

RADIANS

θ (Deg)	θ (Rad)	Ref Angle	$\sin \theta$	$\cos \theta$	$\tan \theta$
0°					
30°					
45°					
60°					
90°					

$\cos\left(\frac{5\pi}{6}\right)$

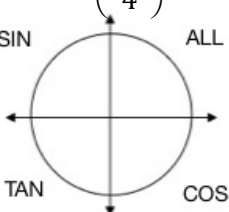


Reference Angle: _____

Rewrite: _____

Solution: _____

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

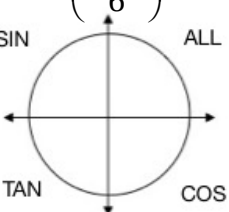


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(\frac{11\pi}{6}\right)$

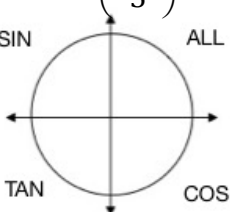


Reference Angle: _____

Rewrite: _____

Solution: _____

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

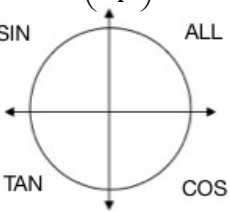


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan\left(\frac{7\pi}{4}\right)$

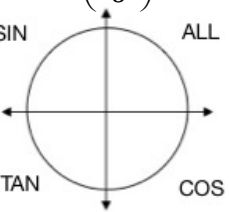


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(\frac{7\pi}{6}\right)$

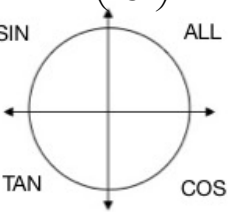


Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos\left(\frac{5\pi}{3}\right)$

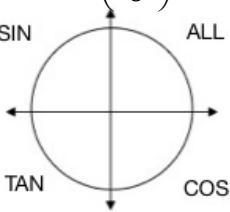


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan\left(\frac{7\pi}{6}\right)$

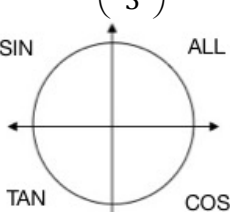


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(\frac{2\pi}{3}\right)$

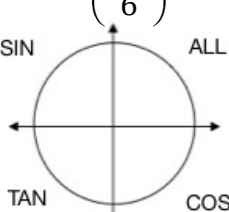


Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos\left(\frac{7\pi}{6}\right)$

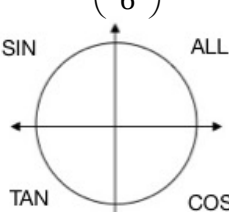


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(\frac{5\pi}{6}\right)$

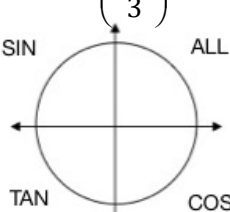


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan\left(\frac{2\pi}{3}\right)$



Reference Angle: _____

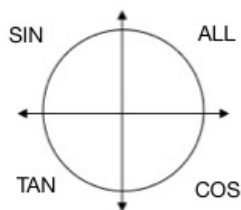
Rewrite: _____

Solution: _____

Negative Degrees and Radians

θ (Deg)	θ (Rad)	Ref Angle	$\sin \theta$	$\cos \theta$	$\tan \theta$
0°					
30°					
45°					
60°					
90°					

$\cos(-45^\circ)$

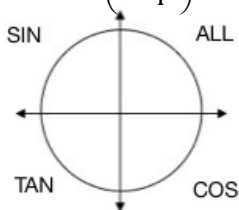


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan\left(-\frac{3\pi}{4}\right)$

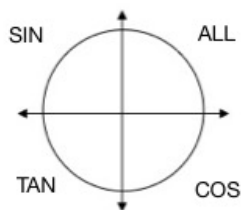


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin(-210^\circ)$

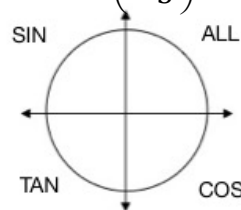


Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos\left(-\frac{\pi}{3}\right)$

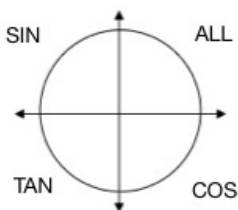


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan(-300^\circ)$

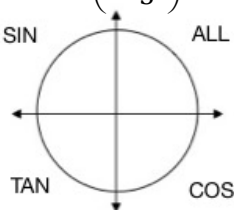


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(-\frac{2\pi}{3}\right)$

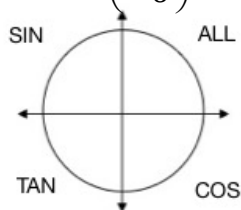


Reference Angle: _____

Rewrite: _____

Solution: _____

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

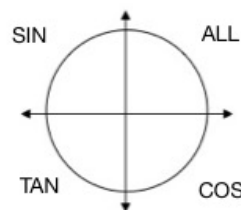


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan(-150^\circ)$

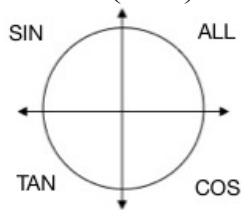


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(-\frac{4\pi}{3}\right)$

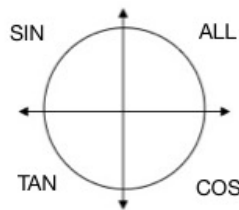


Reference Angle: _____

Rewrite: _____

Solution: _____

$\cos(-135^\circ)$

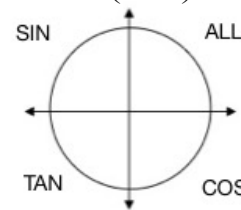


Reference Angle: _____

Rewrite: _____

Solution: _____

$\sin\left(-\frac{5\pi}{6}\right)$

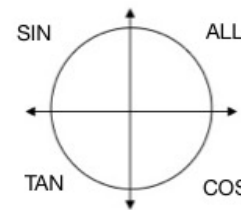


Reference Angle: _____

Rewrite: _____

Solution: _____

$\tan(-120^\circ)$



Reference Angle: _____

Rewrite: _____

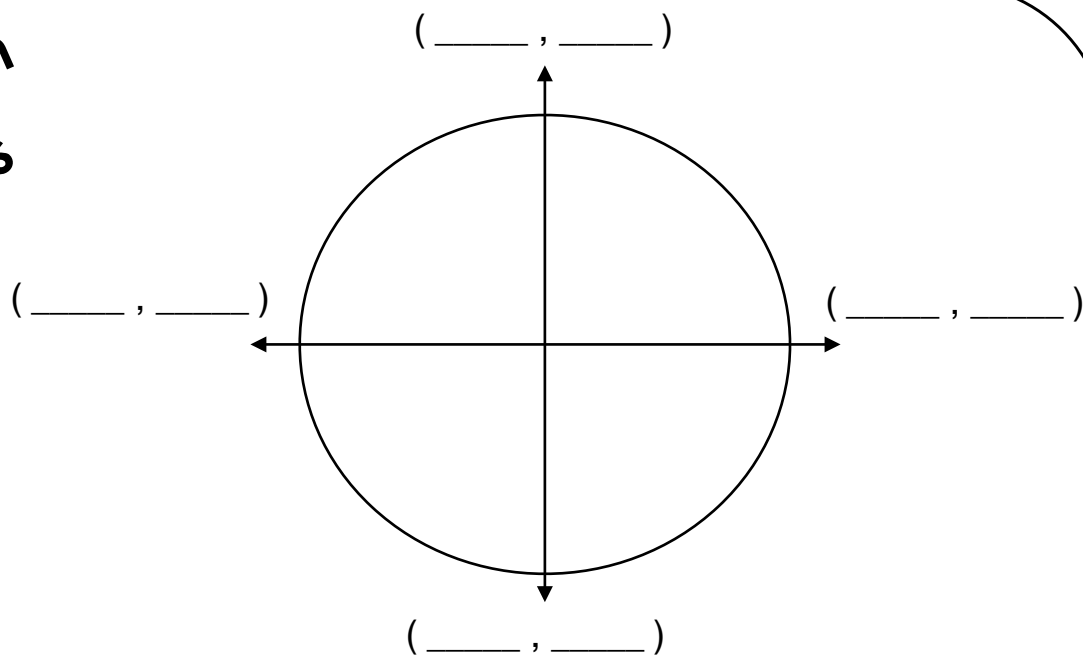
Solution: _____

Angles on the Axis

$$\cos(\theta) = x$$

$$\sin(\theta) = y$$

$$\tan(\theta) = \frac{y}{x}$$



$$\cos(0^\circ) = \underline{\hspace{2cm}}$$

$$\sin(0^\circ) = \underline{\hspace{2cm}}$$

$$\tan(0^\circ) = \underline{\hspace{2cm}}$$

$$\cos(90^\circ) = \underline{\hspace{2cm}}$$

$$\sin(90^\circ) = \underline{\hspace{2cm}}$$

$$\tan(90^\circ) = \underline{\hspace{2cm}}$$

$$\cos(180^\circ) = \underline{\hspace{2cm}}$$

$$\sin(180^\circ) = \underline{\hspace{2cm}}$$

$$\tan(180^\circ) = \underline{\hspace{2cm}}$$

$$\cos(270^\circ) = \underline{\hspace{2cm}}$$

$$\sin(270^\circ) = \underline{\hspace{2cm}}$$

$$\tan(270^\circ) = \underline{\hspace{2cm}}$$

$$\cos(360^\circ) = \underline{\hspace{2cm}}$$

$$\sin(360^\circ) = \underline{\hspace{2cm}}$$

$$\tan(360^\circ) = \underline{\hspace{2cm}}$$