

I. Given the angle  $\frac{4\pi}{3}$  find the following:Quadrant IIIReference Angle  $\pi/3$ Coterminal Angle(-)  $-2\pi/3$ Ordered Pair  $(-1/2, -\sqrt{3}/2)$ II. Given the angle  $\frac{7\pi}{12}$  find the following:Quadrant IIDegrees  $105^\circ$ Reference Angle  $5\pi/12$ Coterminal Angle(-)  $-17\pi/12$ III. Given the point  $(-3, -5)$  find the following:Quadrant III $\sin \theta$   $-\frac{5\sqrt{34}}{34}$  $\cos \theta$   $-\frac{3\sqrt{34}}{34}$  $\tan \theta$   $5/3$ 

	Reference Angle or Ordered Pair	Quadrant or Axis	$\sin \theta$	$\cos \theta$	$\tan \theta$
$150^\circ$	$30$	II	$1/2$	$-\sqrt{3}/2$	$-\sqrt{3}/3$
$\frac{11\pi}{3}$	$\pi/3$	IV	$-\sqrt{3}/2$	$1/2$	$-\sqrt{3}$
$0^\circ$	$(1, 0)$	x-axis	0	1	0
$-\frac{5\pi}{6}$	$\pi/6$	III	$-1/2$	$-\sqrt{3}/2$	$\sqrt{3}/3$
$480^\circ$	$\pi/3$	II	$\sqrt{3}/2$	$-1/2$	$-\sqrt{3}$
$45^\circ$	$45^\circ$	I	$\sqrt{2}/2$	$\sqrt{2}/2$	1
$\pi$	$(-1, 0)$	x-axis	0	-1	0
$\frac{7\pi}{2}$	$(0, -1)$	y-axis	-1	0	undef
$-225^\circ$	$45^\circ$	II	$\sqrt{2}/2$	$-\sqrt{2}/2$	-1
$-\frac{3\pi}{2}$	$(0, 1)$	y-axis	1	0	undef