

# PreCalculus Worksheet

Your Name:

Fill in the missing information for each point. In squares with an “a”, give an approximate answer to three significant digits. *All other answers should be precise.*

	Circle	Angle $\theta$		$\sin \theta$	$\cos \theta$	$\tan \theta$	Position on Circle in Cartesian Coordinates	
	Diameter	Degrees	Radians				$x$	$y$
1.	15	$45^\circ$						
2.	2		$\frac{4\pi}{3}$					
3.				$\frac{1}{2}$			$\sqrt{48}$	
4.						$\frac{\sqrt{3}}{3}$		-10
5.	127			$-\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$			
6.	a	a	a	a	a	a	-27	-37
7.					0			108