

Name _____

Date _____

KEY

2CP Unit Circle Practice

1. Complete the chart with the exact values of the 3 trig functions for the given angle measurements.

Radian	Degree	$\sin \theta$	$\cos \theta$	$\tan \theta$
	0°			
	30°			
$\frac{\pi}{4}$	45°	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1
$\frac{\pi}{3}$	60°	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\sqrt{3}$
$\frac{\pi}{2}$	90°	1	0	UN-DEFINED
	120°			
	135°			
	150°			
π	180°	0	-1	0
	210°			
	225°	$-\frac{\sqrt{2}}{2}$		
$\frac{4\pi}{3}$	240°			
	270°			
	300°			
$\frac{7\pi}{4}$	315°		$\frac{1}{2}$	
	330°			
	360°			