

Unit Circle Worksheet

Name: _____

Grade: _____

Instructions:

Complete the table below using your knowledge of the unit circle. Fill in each angle's measure in radians, its (x, y) coordinates on the unit circle, and evaluate the values of $\sin(\theta)$, $\cos(\theta)$, and $\tan(\theta)$. Use exact values (fractions and square roots) where applicable.

Angle (Degrees)	Angle (Radians)	Coordinates (x, y)	$\sin(\theta)$	$\cos(\theta)$	$\tan(\theta)$
0°					
30°					
45°					
60°					
90°					
120°					
135°					
150°					
180°					
210°					
225°					
240°					
270°					
300°					
315°					
330°					
360°					