

Evaluating the Unit Circle - Activity

Complete the attached chart (Assume $r = 1$). All numbers should be exact (radicals, no decimals)

θ in degrees	30°	45°	60°	90°	120°	135°	150°	180°
θ in Radians	$\frac{\pi}{6}$							
Sin θ	$\frac{1}{2}$							
Cos θ	$\frac{\sqrt{3}}{2}$							
Tan θ	$\frac{\sqrt{3}}{3}$							
Csc θ	2							
Sec θ	$\frac{2\sqrt{3}}{3}$							
Cot θ	$\sqrt{3}$							
θ in Radians	$-\frac{11\pi}{6}$							
θ in degrees	-330°	-315°	-300°	-270°	-240°	-225°	-210°	-180°