

Section 3-3 Graphs of Tangent, Cotangent, Secant and Cosecant

**Graph $y = \sin \theta$ first, then do reciprocal

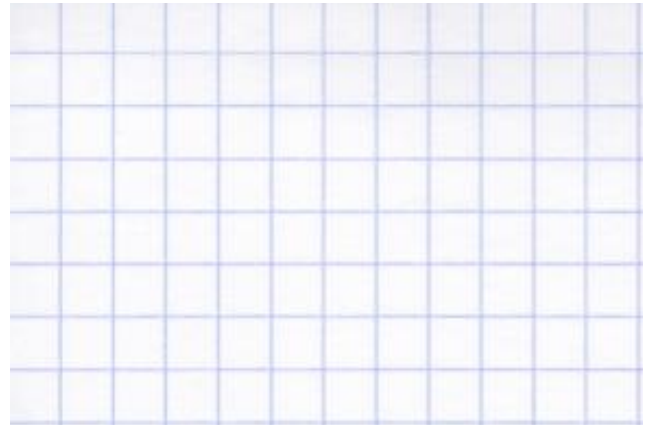
1. $y = \csc \theta$

x	0	90	180	270	360
y					



2. $y = \sec \theta$

x	0	90	180	270	360
y					



3. To understand tangent graph, use the Quotient Property $\tan \theta = \frac{\sin \theta}{\cos \theta}$
 $y = \tan \theta$

x	0	90	180	270	360
y					



$y = \cot \theta$

