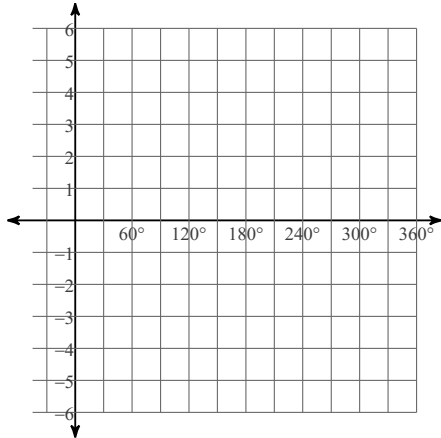


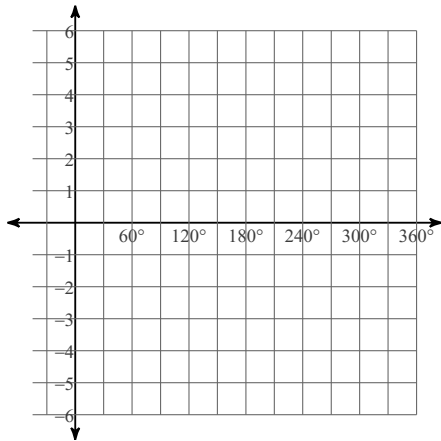
Graphing Secant and Cosecant

Find the amplitude, the period in degrees, the phase shift in degrees, and the vertical shift. Then sketch the graph using degrees.

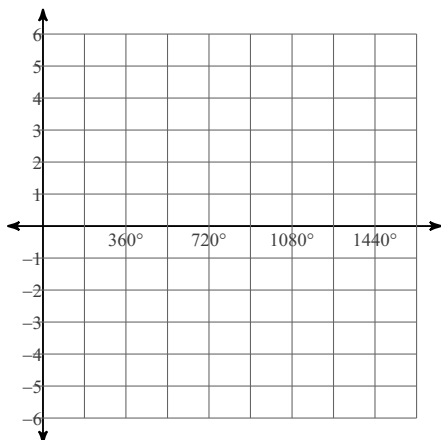
1) $y = 3\csc 2\theta$



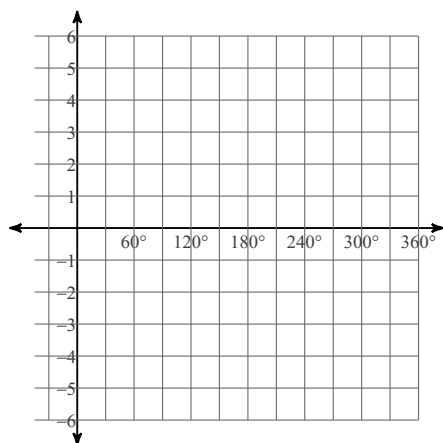
2) $y = \frac{1}{2} \cdot \csc 2\theta$



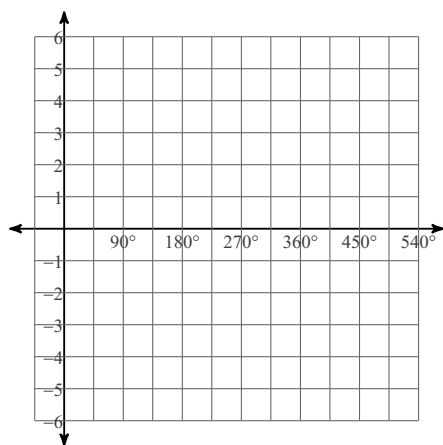
3) $y = 3\sec\left(\frac{\theta}{3} + 90\right)$



4) $y = 2\csc(2\theta + 90)$



5) $y = 3\sec\theta + 1$



6) $y = \frac{1}{2} \cdot \csc\frac{\theta}{3} - 1$

