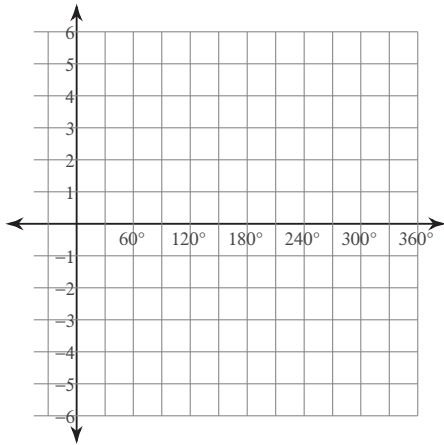


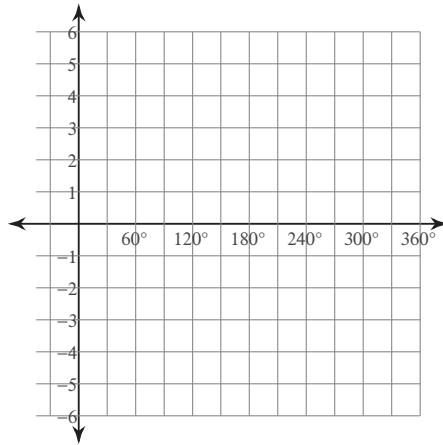
Graphing Trig Functions

Using degrees, find the amplitude and period of each function. Then graph.

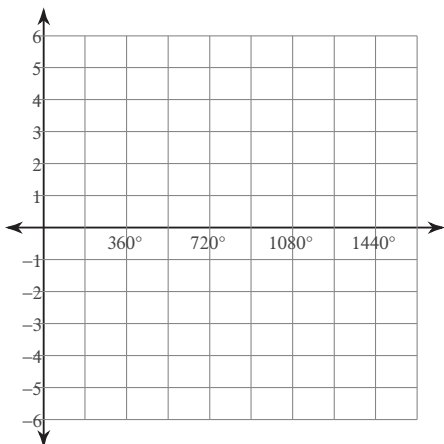
1) $y = \sin 3\theta$



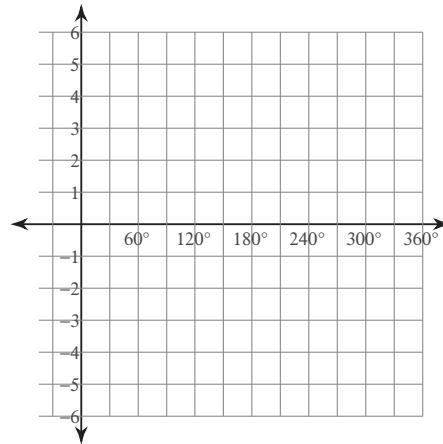
2) $y = 4\cos 3\theta$



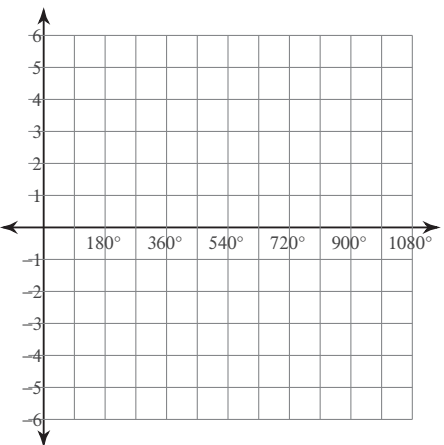
3) $y = 2\sin \frac{\theta}{3}$



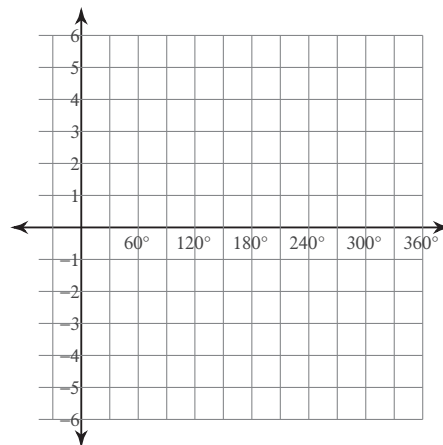
4) $y = \tan 2\theta$



5) $y = 3\cos \frac{\theta}{2}$

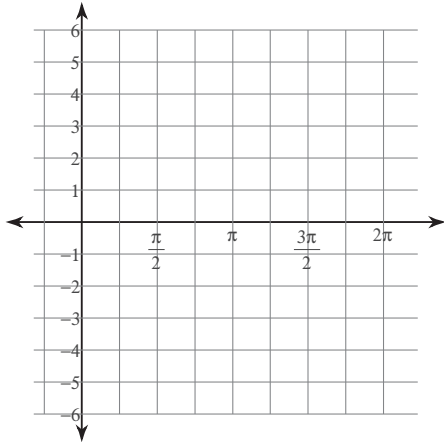


6) $y = \frac{1}{2}\tan \theta$

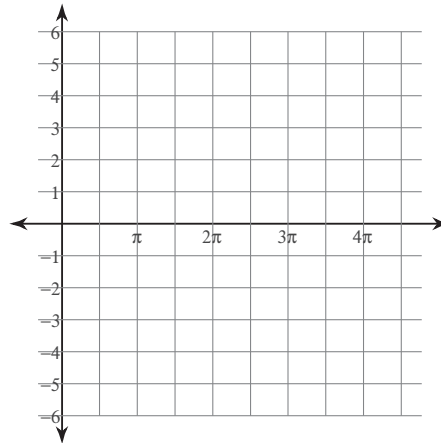


Using radians, find the amplitude and period of each function. Then graph.

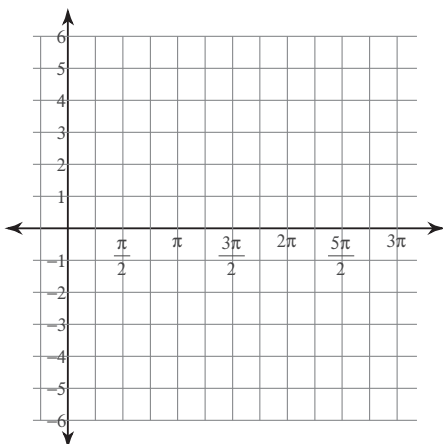
7) $y = \sin 3\theta$



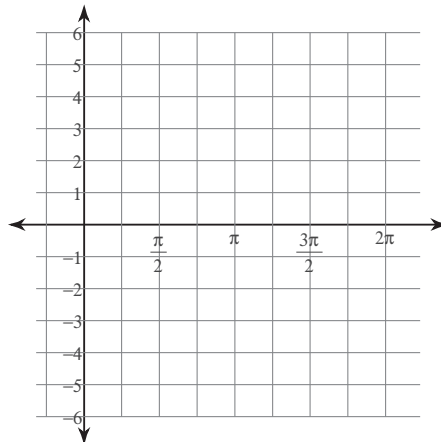
8) $y = \frac{1}{2} \tan \frac{\theta}{3}$



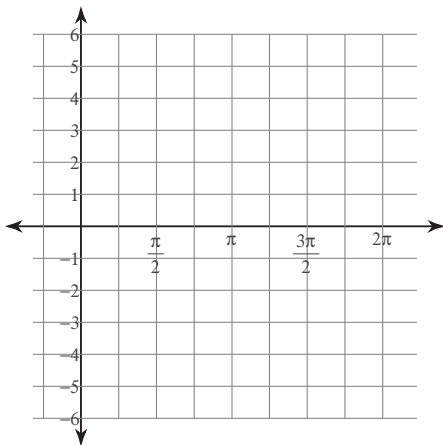
9) $y = \frac{1}{2} \sec \theta$



10) $y = 2 \cos 4\theta$



11) $y = 2 \csc 2\theta$



12) $y = 2 \cot 2\theta$

