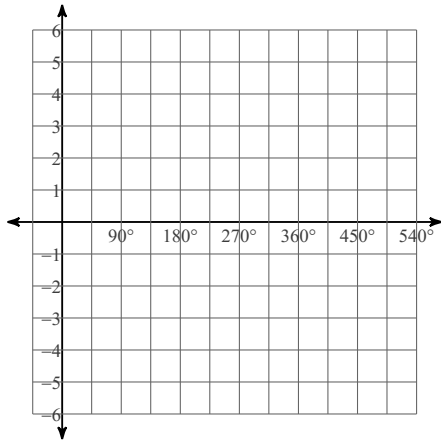


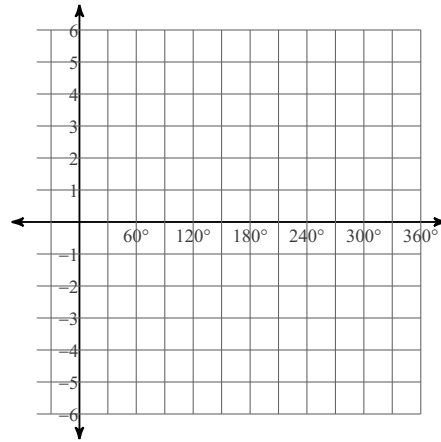
Graphing Sine and Cosine

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

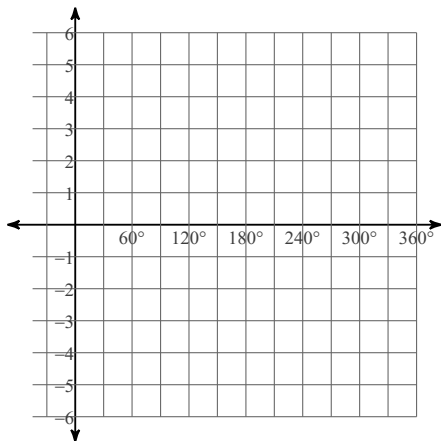
1) $y = 4\sin \theta$



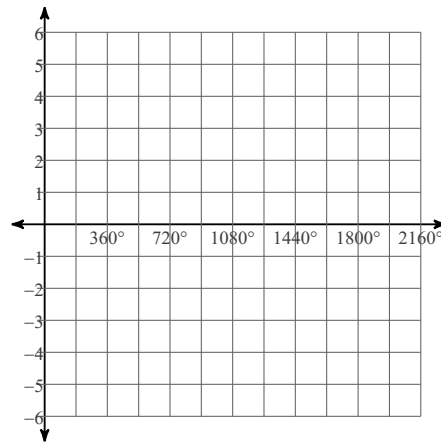
2) $y = \sin 2\theta$



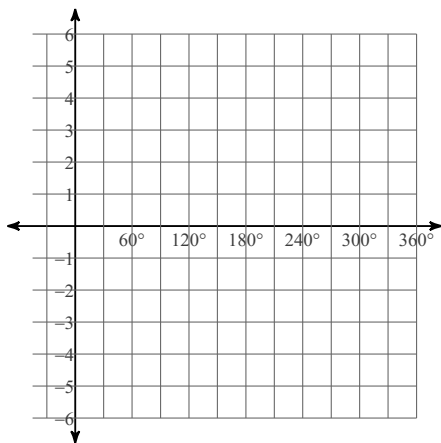
3) $y = 4\sin 3\theta$



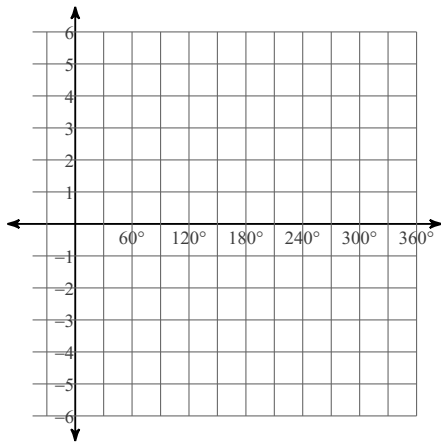
4) $y = 4\sin \frac{\theta}{4}$



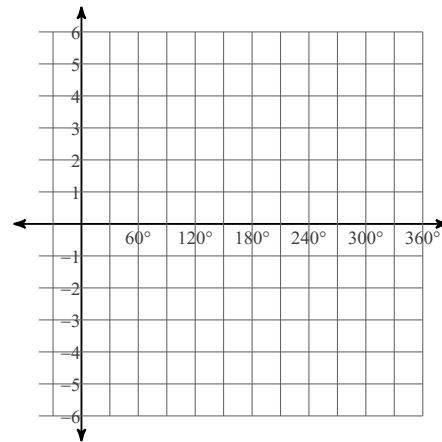
5) $y = 2\sin 4\theta$



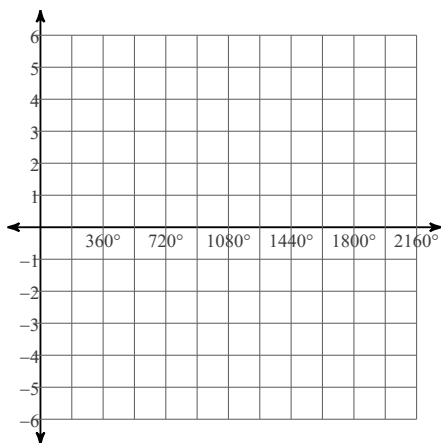
$$6) y = \frac{1}{2} \cdot \cos 4\theta$$



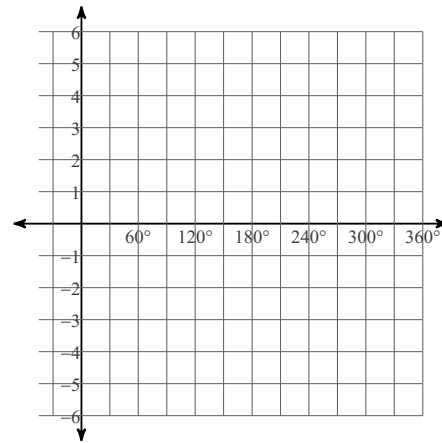
$$7) y = \frac{1}{2} \cdot \cos 3\theta$$



$$8) y = 4\cos \frac{\theta}{4}$$



$$9) y = 4\cos 3\theta$$



$$10) y = 3\cos \theta$$

