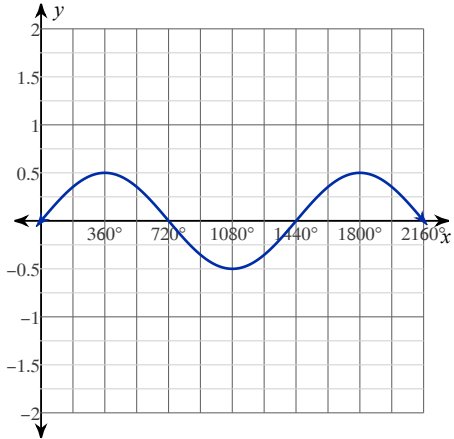


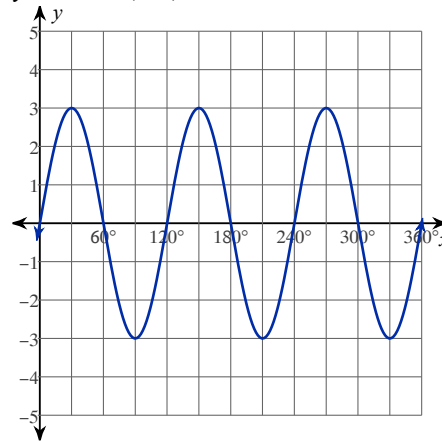
Graphs of Sin & Cos - Practice

Find the amplitude and period of each function. These are in DEGREES.

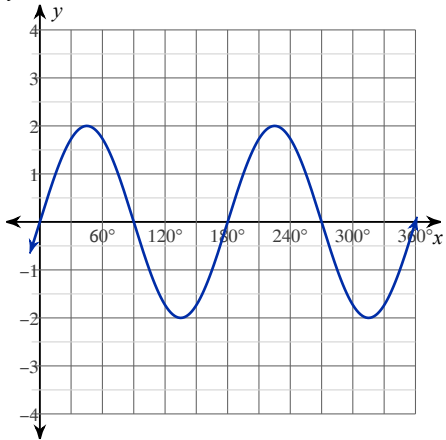
1)  $y = \frac{1}{2} \cdot \sin \frac{\theta}{4}$



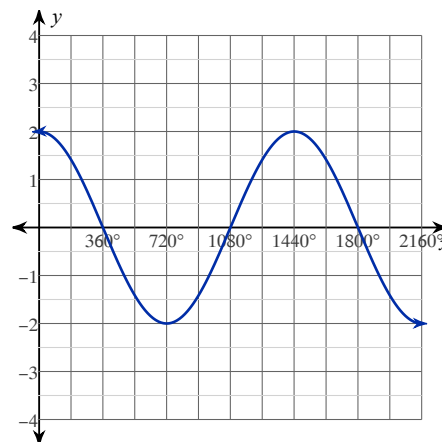
2)  $y = 3\sin(3\theta)$



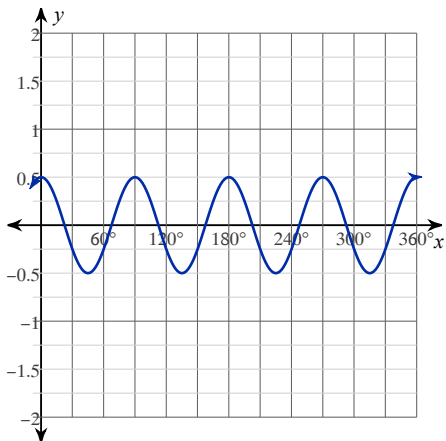
3)  $y = 2\sin(2\theta)$



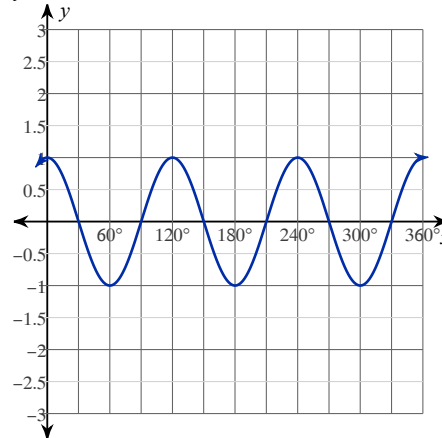
4)  $y = 2\cos \frac{\theta}{4}$



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

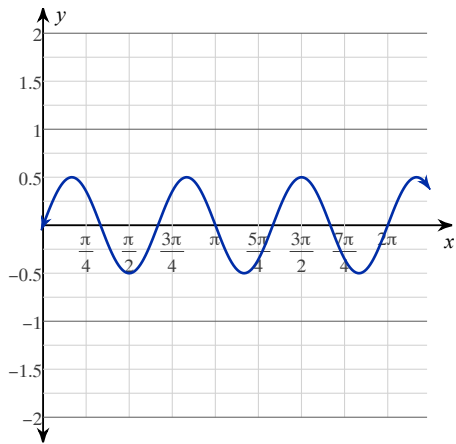


6)  $y = \cos(3\theta)$

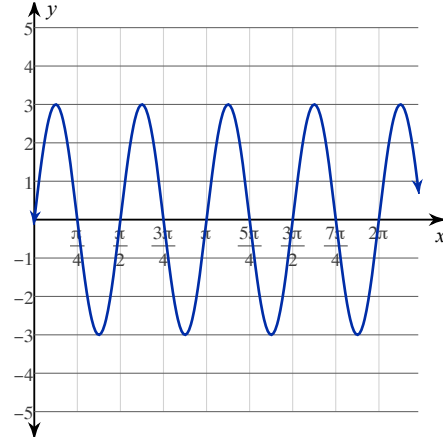


Find the amplitude and period of each function. These are in RADIANS.

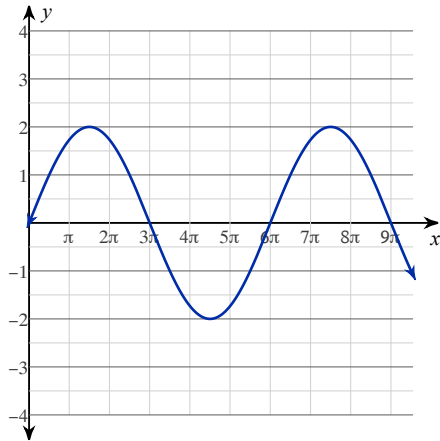
7)  $y = \frac{1}{2} \cdot \sin(3\theta)$



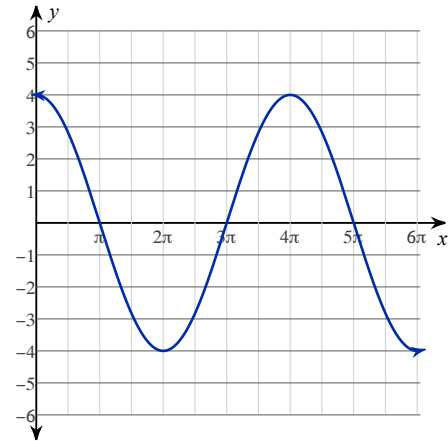
8)  $y = 3\sin(4\theta)$



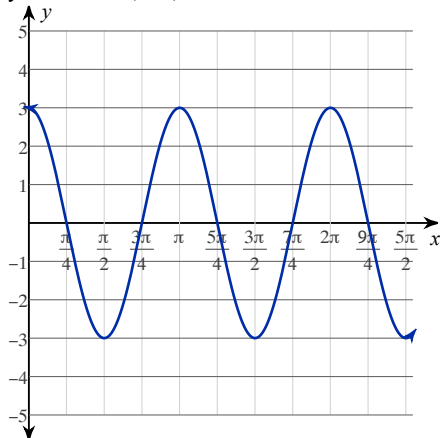
9)  $y = 2\sin\frac{\theta}{3}$



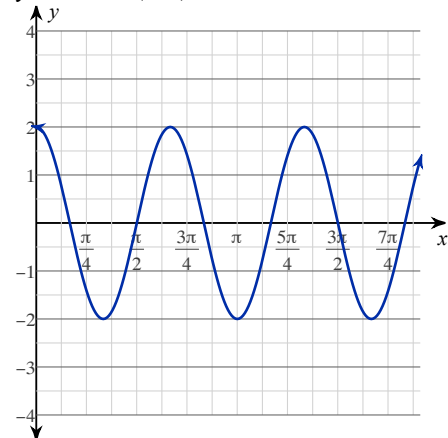
10)  $y = 4\cos\frac{\theta}{2}$



11)  $y = 3\cos(2\theta)$

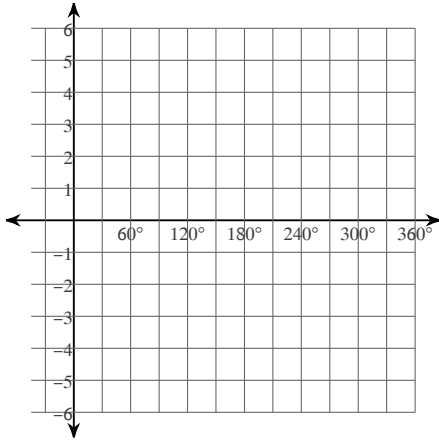


12)  $y = 2\cos(3\theta)$

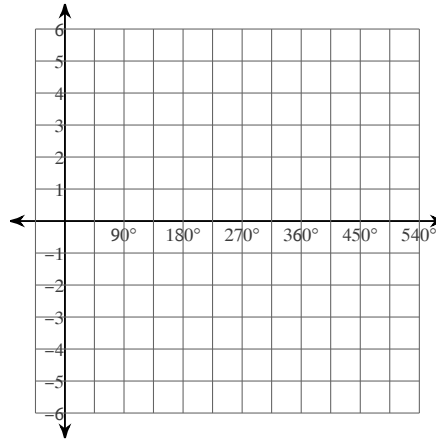


Find the amplitude and period of each function. Then graph.

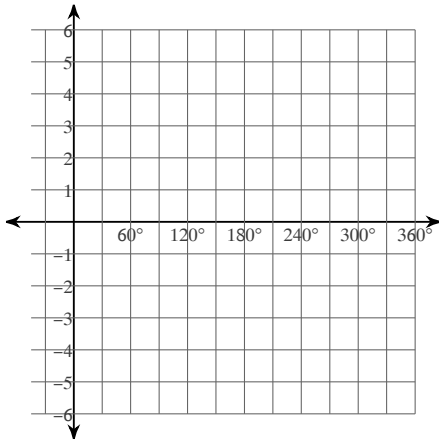
13)  $y = 2\cos 4\theta$



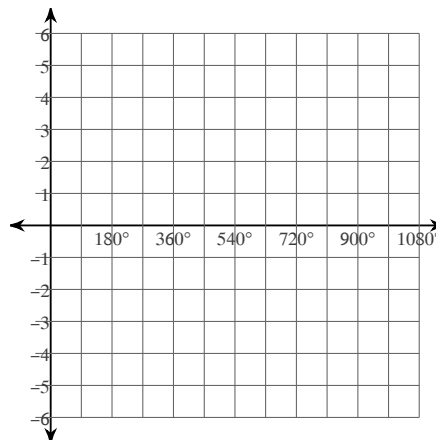
14)  $y = \frac{1}{2} \cdot \cos \theta$



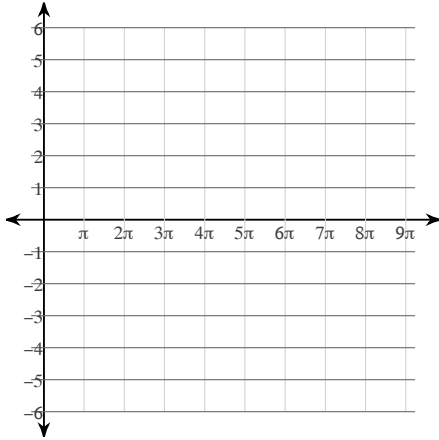
15)  $y = 2\cos 2\theta$



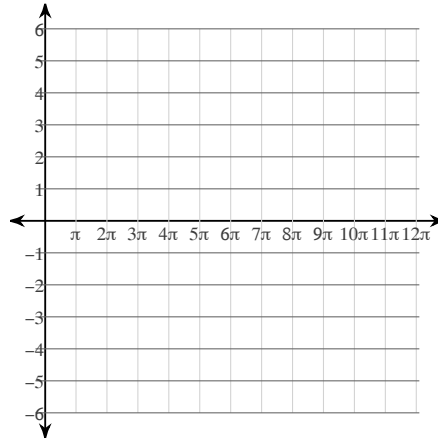
16)  $y = 4\sin \frac{\theta}{2}$



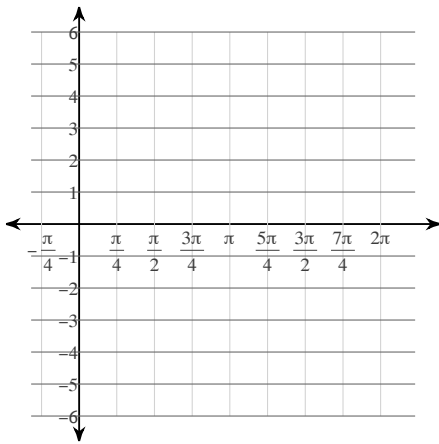
$$17) y = 3\sin \frac{\theta}{3}$$



$$18) y = \frac{1}{2} \cdot \cos \frac{\theta}{4}$$



$$19) y = 3\cos 4\theta$$



$$20) y = 2\sin 2\theta$$

