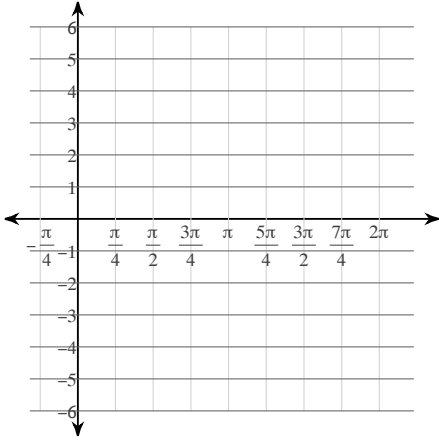


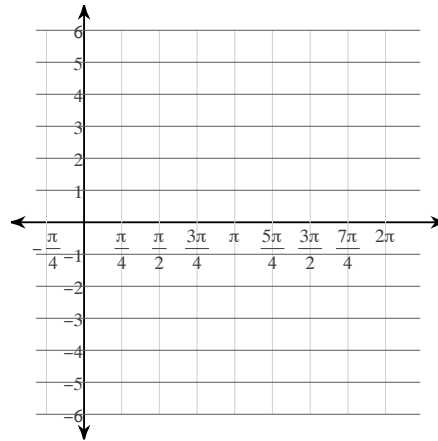
# Graphing Trig Functions

Graph each function using radians.

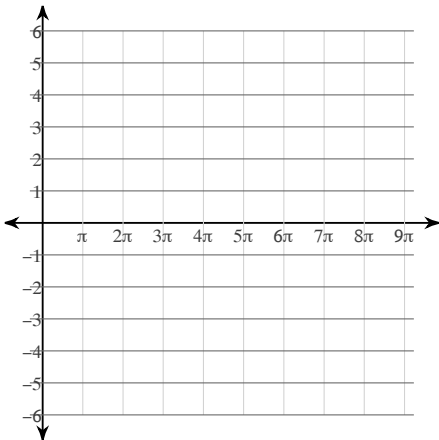
1)  $y = \frac{1}{2} \cdot \cos 3\theta$



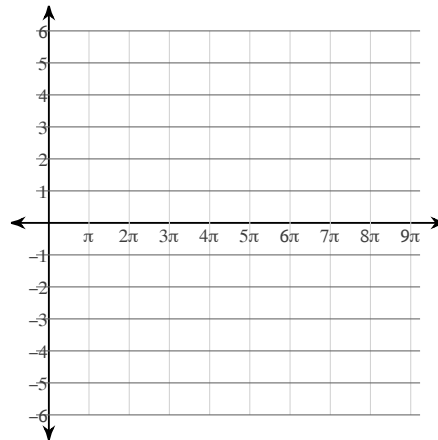
2)  $y = 3\cos 2\theta$



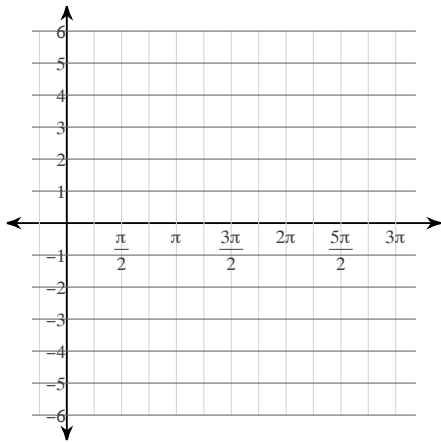
3)  $y = \cos \frac{\theta}{3}$



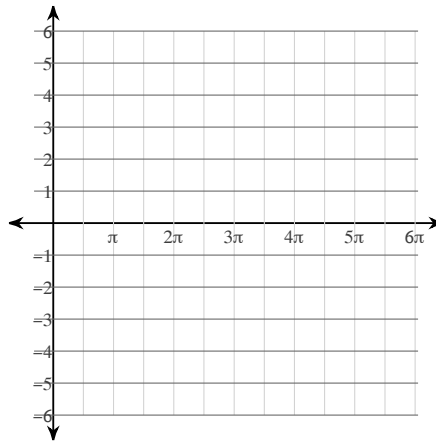
4)  $y = 3\sin \frac{\theta}{3}$



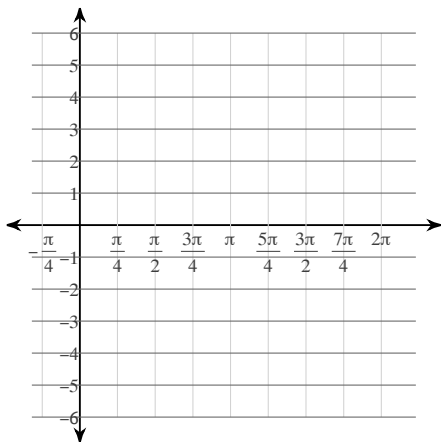
$$5) y = -2 + \frac{1}{2} \cdot \cos\left(\theta + \frac{7\pi}{6}\right)$$



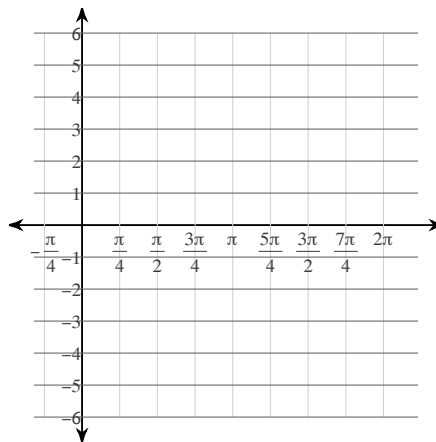
$$6) y = 4\sin \frac{\theta}{2}$$



$$7) y = \frac{1}{2} \cdot \cos\left(4\theta + \frac{\pi}{3}\right) - 2$$



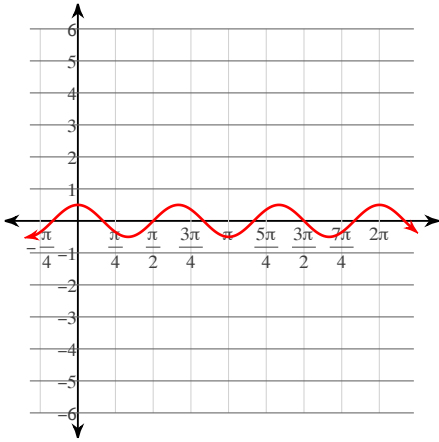
$$8) y = -1 + 3\cos\left(2\theta + \frac{2\pi}{3}\right)$$



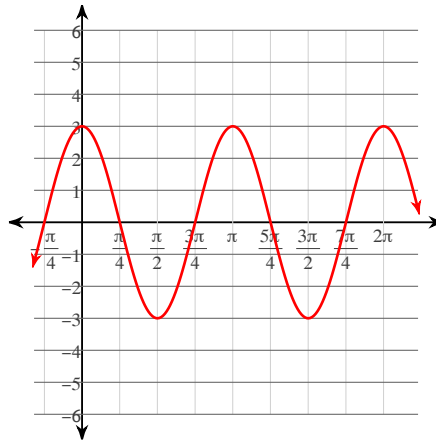
# Graphing Trig Functions

Graph each function using radians.

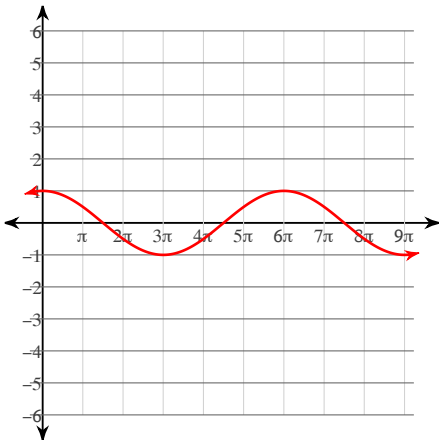
1)  $y = \frac{1}{2} \cdot \cos 3\theta$



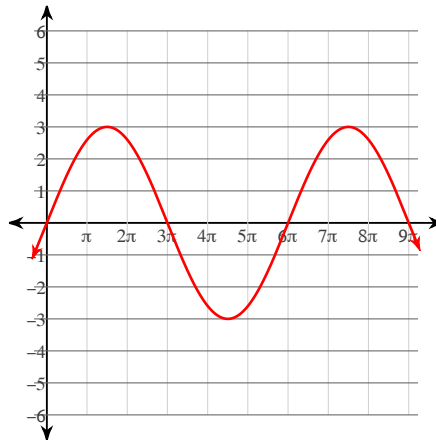
2)  $y = 3\cos 2\theta$



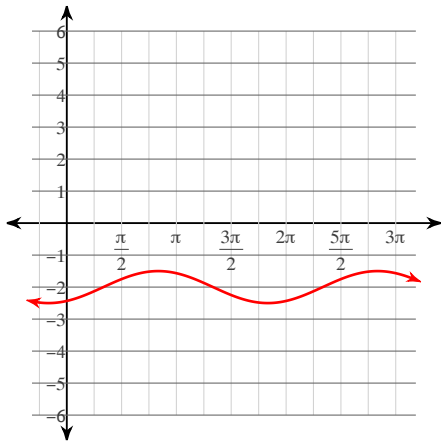
3)  $y = \cos \frac{\theta}{3}$



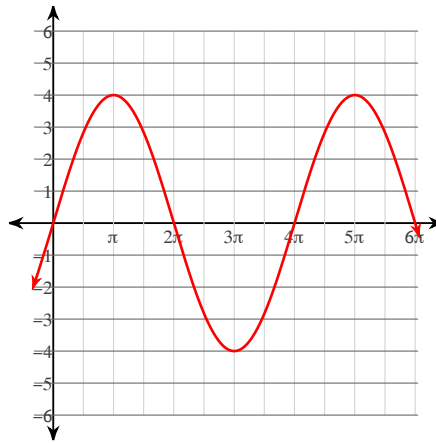
4)  $y = 3\sin \frac{\theta}{3}$



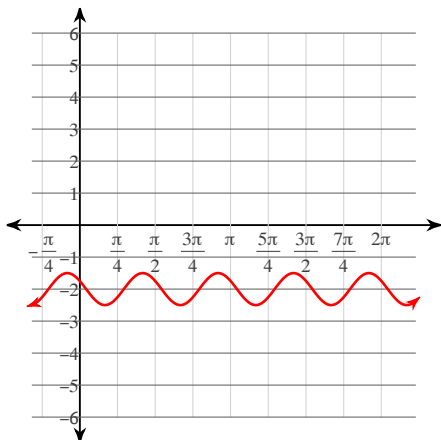
$$5) y = -2 + \frac{1}{2} \cdot \cos\left(\theta + \frac{7\pi}{6}\right)$$



$$6) y = 4\sin\frac{\theta}{2}$$



$$7) y = \frac{1}{2} \cdot \cos\left(4\theta + \frac{\pi}{3}\right) - 2$$



$$8) y = -1 + 3\cos\left(2\theta + \frac{2\pi}{3}\right)$$

