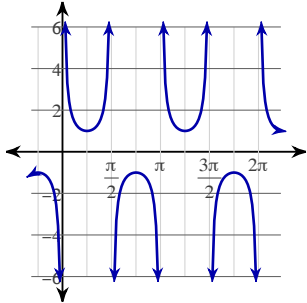


Matching -graphs

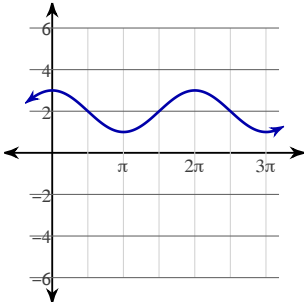
Graph each function using radians.

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

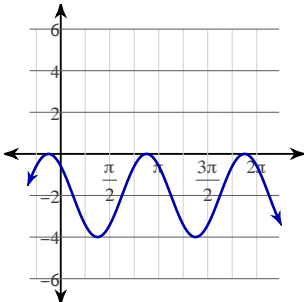
A)



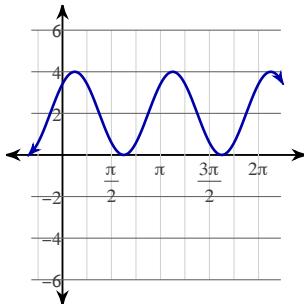
B)



C)

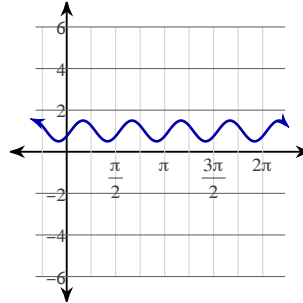


D)

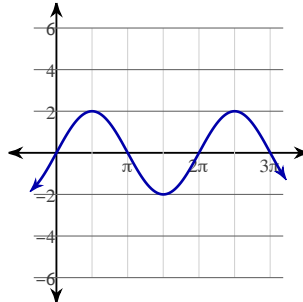


2) $y = -1 + \frac{1}{2} \cdot \sin\left(4\theta + \frac{\pi}{6}\right)$

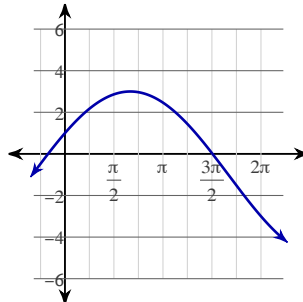
A)



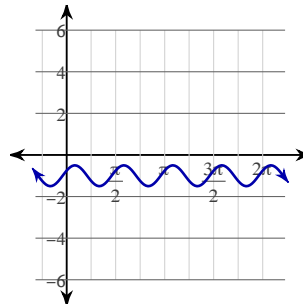
B)



C)

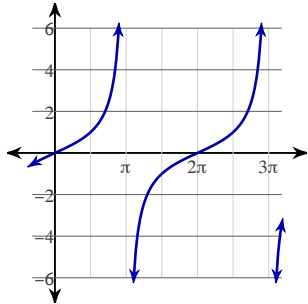


D)

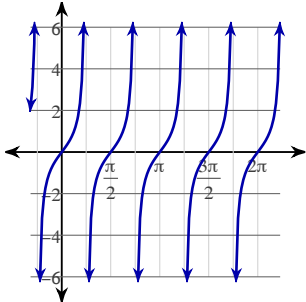


$$3) y = 3\sin\left(3\theta - \frac{3\pi}{4}\right) - 2$$

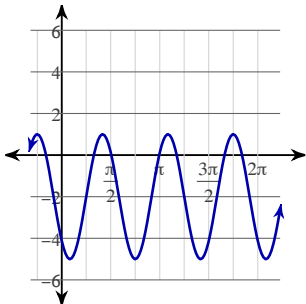
A)



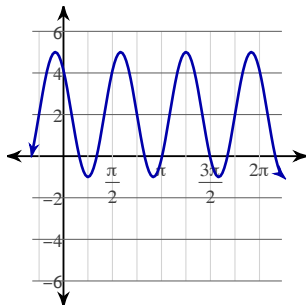
B)



C)

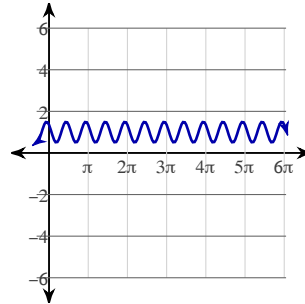


D)

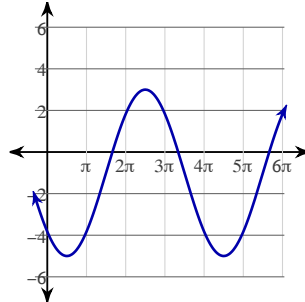


$$4) y = 4\sin\left(\frac{\theta}{2} + \frac{3\pi}{4}\right) + 1$$

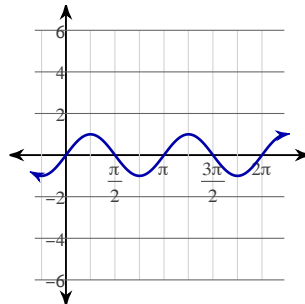
A)



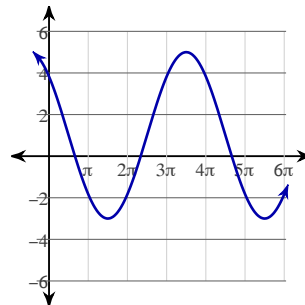
B)



C)

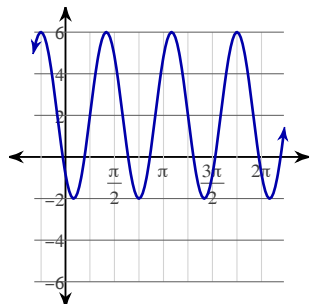


D)

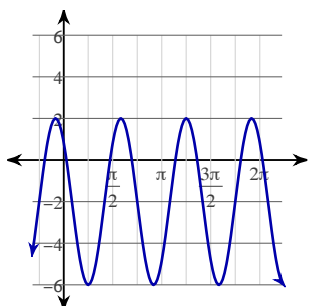


$$5) y = 4\sin\left(3\theta + \frac{3\pi}{4}\right) - 2$$

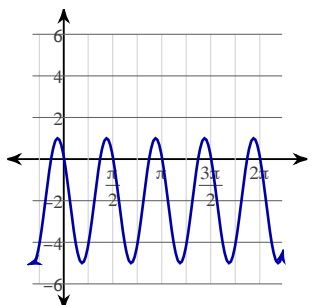
A)



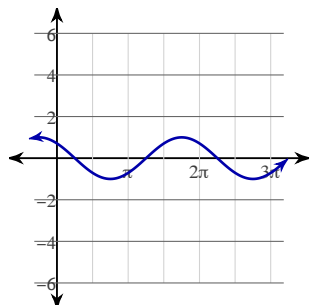
B)



C)

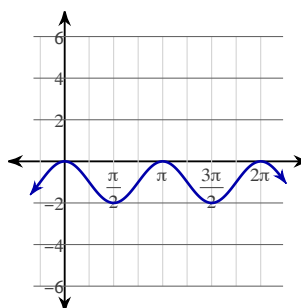


D)

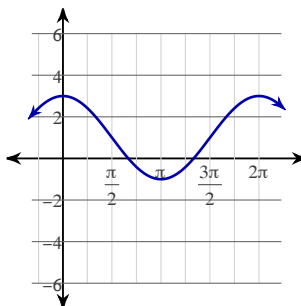


$$6) y = \cos 2\theta + 1$$

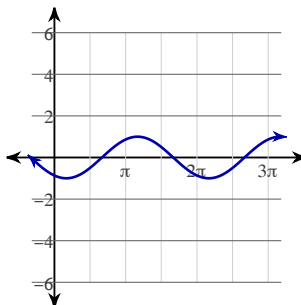
A)



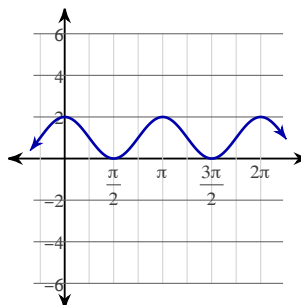
B)



C)

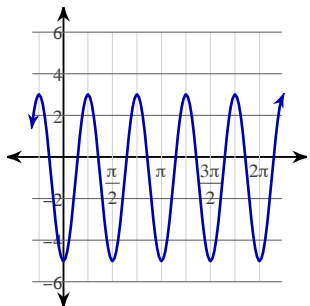


D)

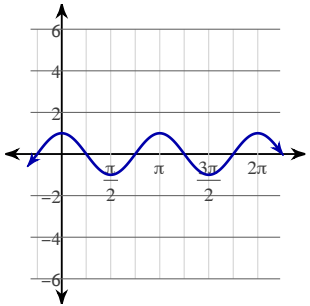


$$7) y = 1 + 4\sin\left(4\theta - \frac{3\pi}{2}\right)$$

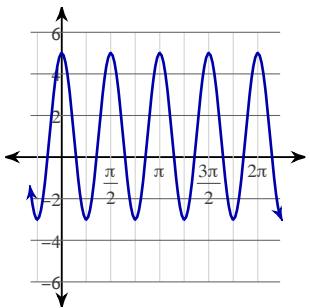
A)



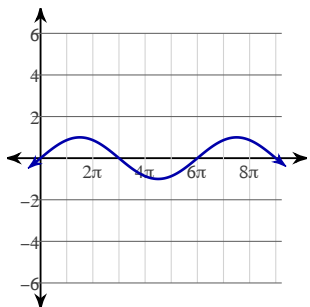
B)



C)

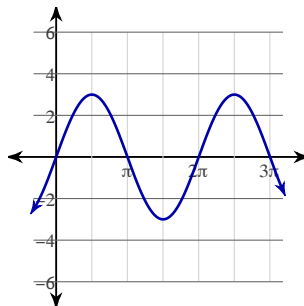


D)

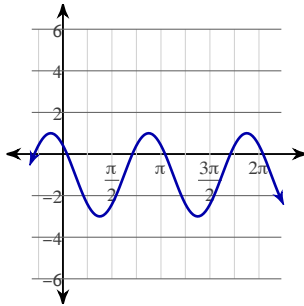


$$8) y = 2\sin\left(2\theta + \frac{3\pi}{4}\right) - 1$$

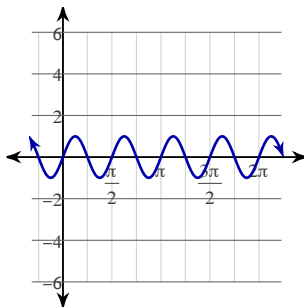
A)



B)



C)



D)

