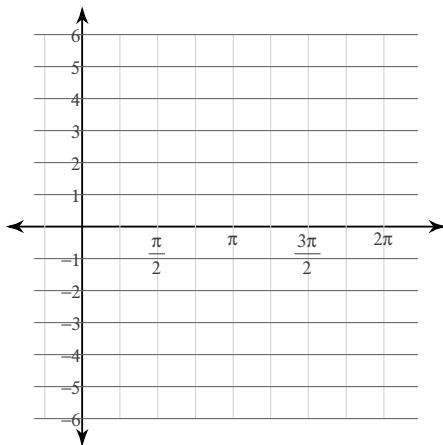


Trig Graph Practice for Final Exam

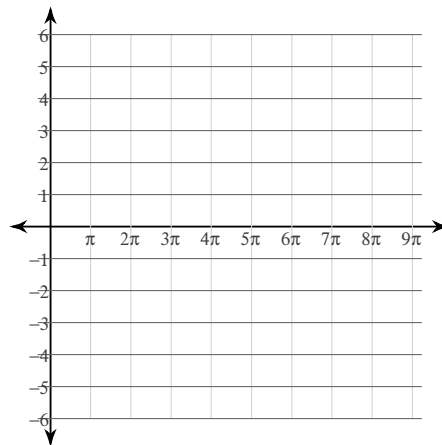
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Graph each function using radians.

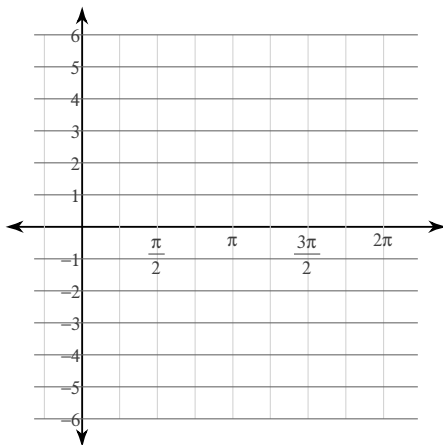
1) $y = \frac{1}{2} \cdot \cos\left(3\theta - \frac{\pi}{4}\right) - 2$



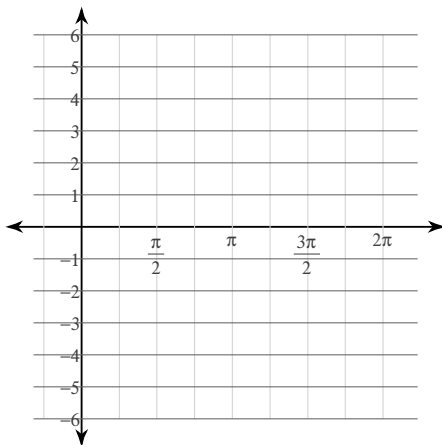
2) $y = 4\sin\left(\frac{\theta}{3} - \frac{4\pi}{3}\right) + 1$



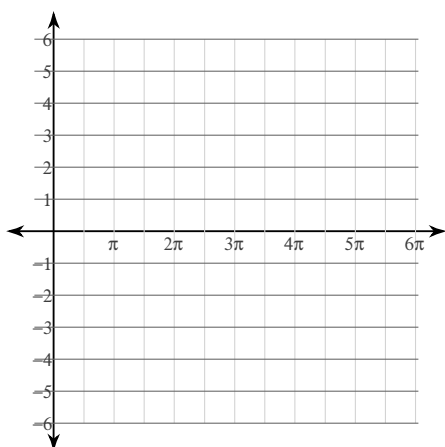
3) $y = -2 + \frac{1}{2} \cdot \sec\left(2\theta + \frac{11\pi}{6}\right)$



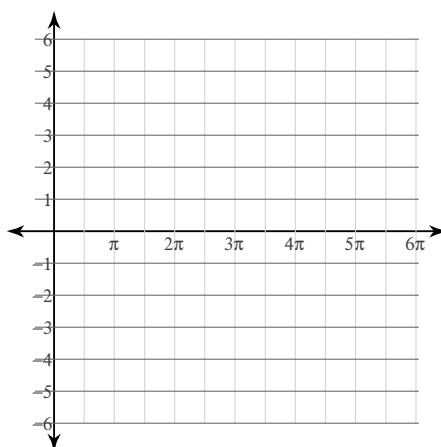
4) $y = 2\csc\left(2\theta + \frac{2\pi}{3}\right) - 1$



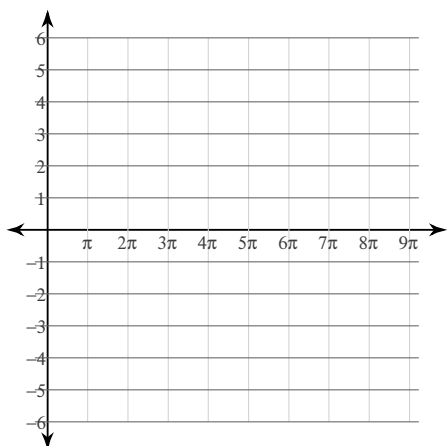
$$5) y = 4\sin\left(\frac{\theta}{2} - \frac{\pi}{6}\right) + 2$$



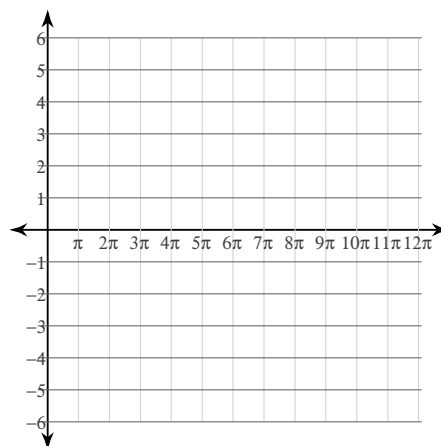
$$6) y = 1 + \frac{1}{2} \cdot \csc\left(\frac{\theta}{2} + \frac{5\pi}{6}\right)$$



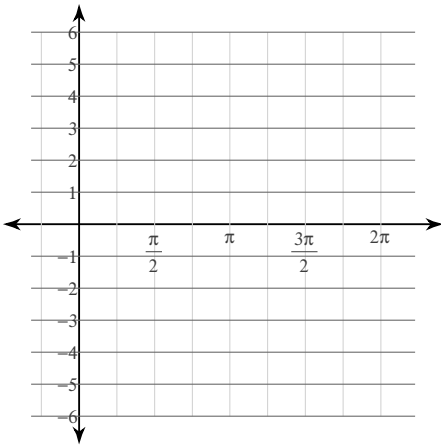
$$7) y = \frac{1}{2} \cdot \sec\left(\frac{\theta}{3} + \frac{2\pi}{3}\right) - 2$$



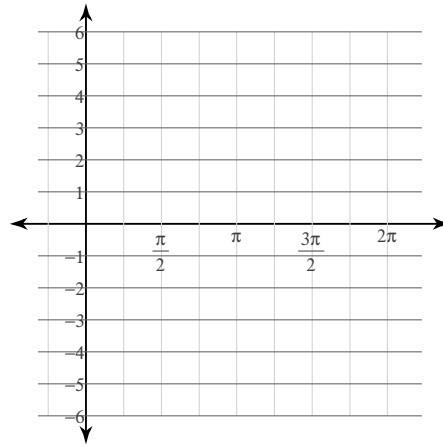
$$8) y = 3\sin\left(\frac{\theta}{4} + \frac{\pi}{6}\right) + 1$$



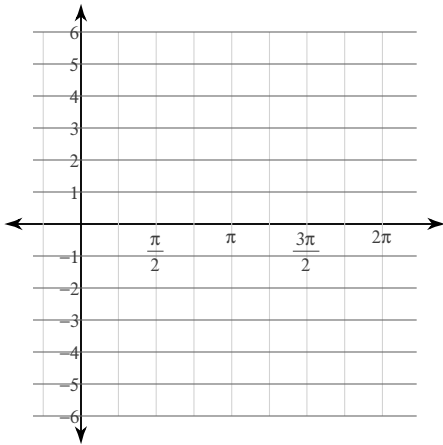
$$9) y = \frac{1}{2} \cdot \cot\left(\theta - \frac{\pi}{2}\right)$$



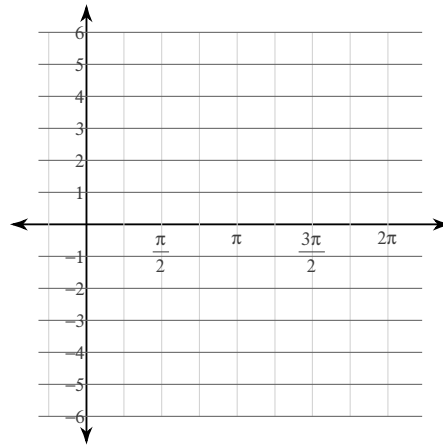
$$10) y = 4 \tan \theta$$



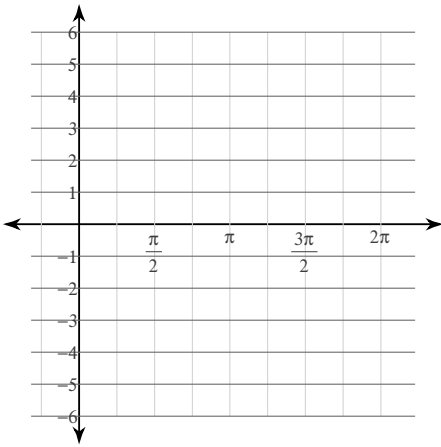
$$11) y = 2 \cot \theta$$



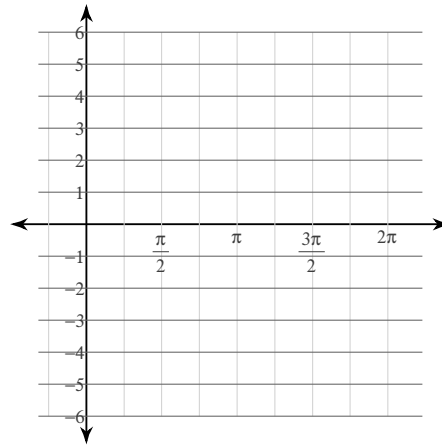
$$12) y = 4 \tan\left(\theta + \frac{\pi}{3}\right)$$



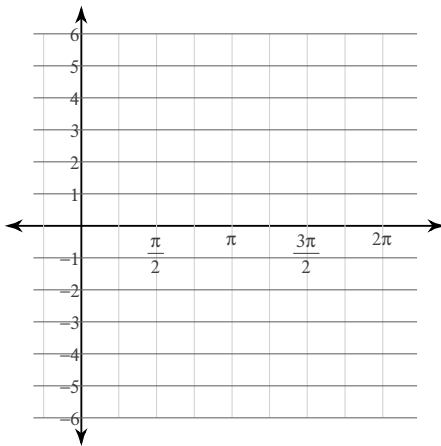
$$13) y = \frac{1}{2} \cdot \cot\left(\theta - \frac{\pi}{3}\right)$$



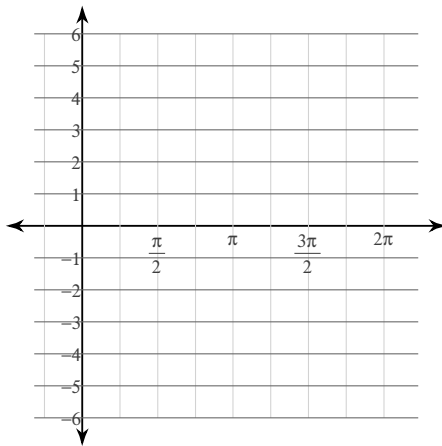
$$14) y = \frac{1}{2} \cdot \tan\left(\theta + \frac{5\pi}{6}\right)$$



$$15) y = \frac{1}{2} \cdot \tan\left(\theta - \frac{7\pi}{6}\right)$$

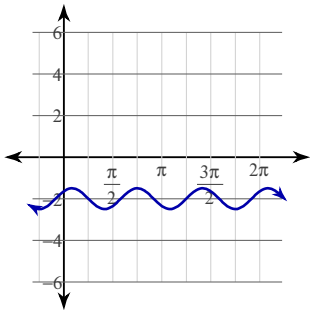


$$16) y = 4\cot\left(\theta + \frac{\pi}{3}\right)$$

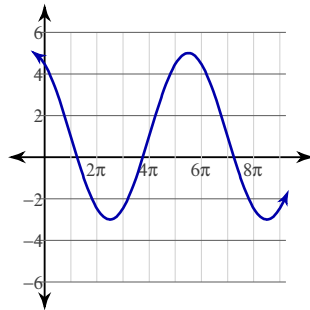


Answers to Trig Graph Practice for Final Exam (ID: 1)

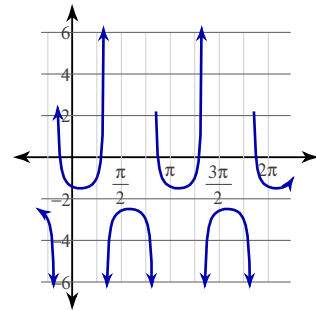
1)



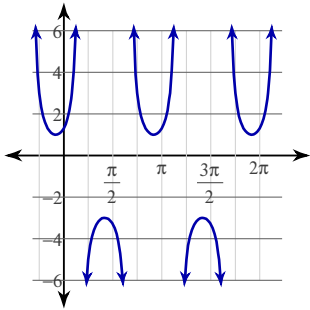
2)



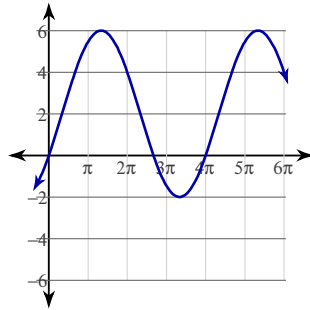
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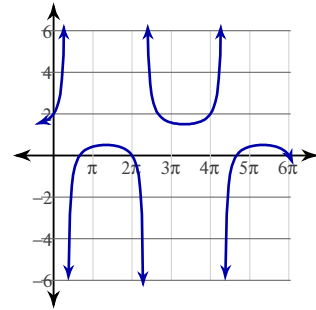
4)



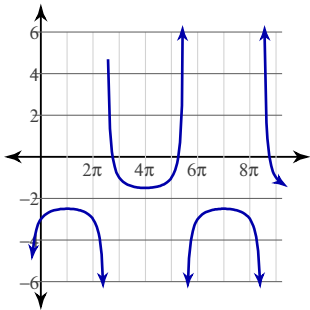
5)



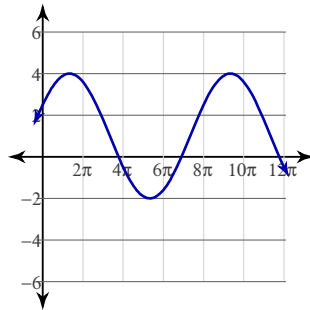
6)



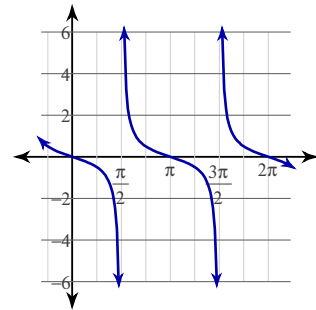
7)



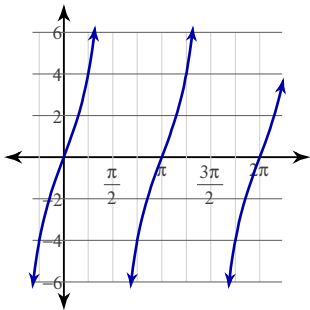
8)



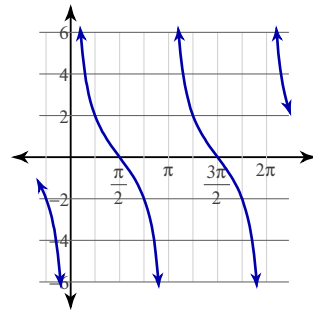
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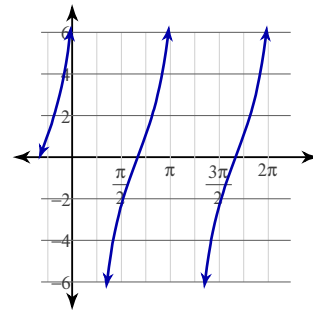
10)



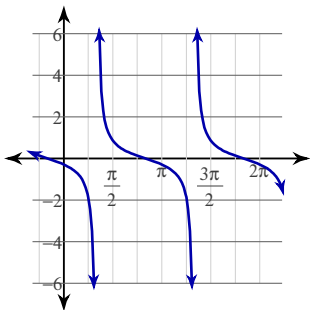
11)



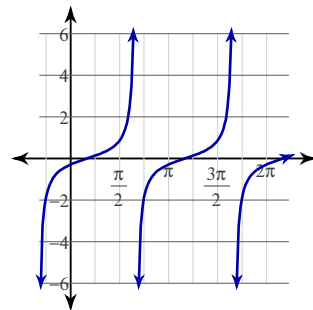
12)



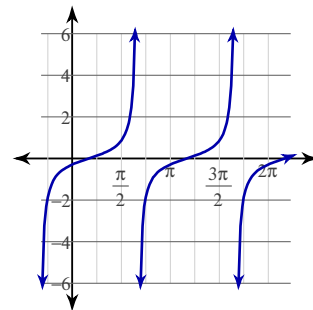
13)



14)



15)



16)

