

Graph Cosecant, Secant, and Cotangent

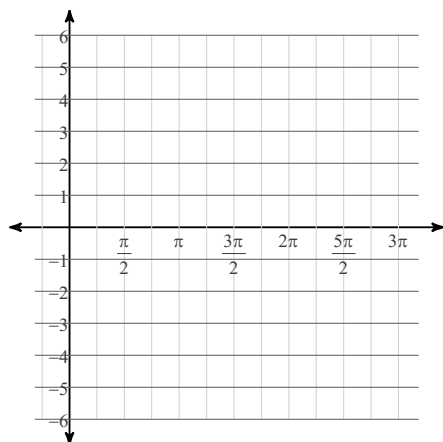
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Name _____

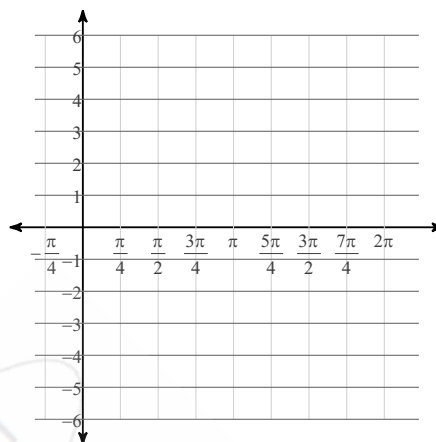
Date _____

Graph each function using radians.

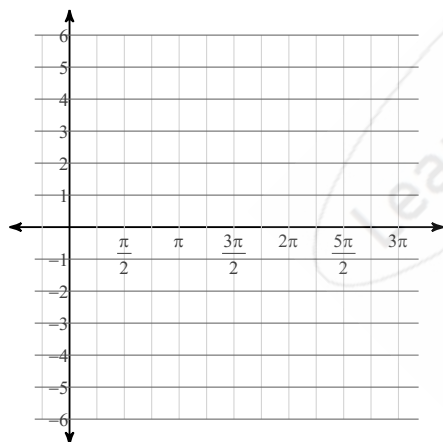
1) $y = \sec\left(\theta + \frac{\pi}{6}\right) + 2$



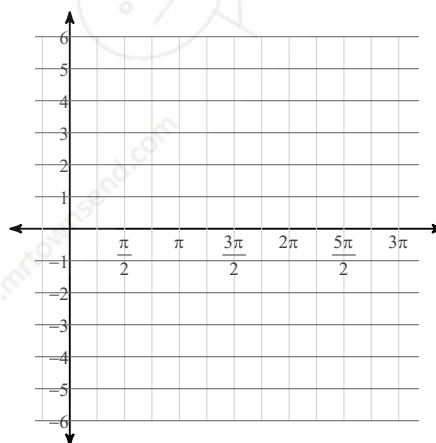
2) $y = 2 + \cot\left(\theta - \frac{5\pi}{6}\right)$



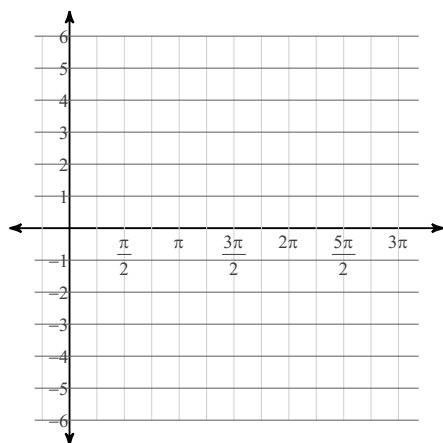
3) $y = \csc \theta - 2$



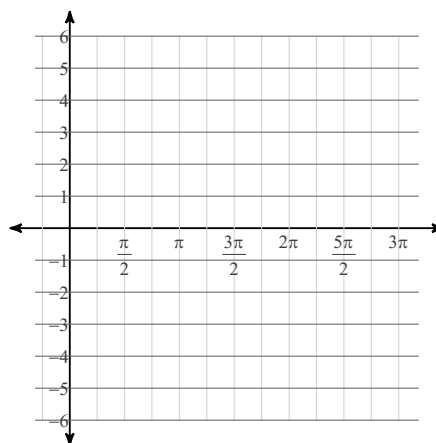
4) $y = \sec\left(\theta + \frac{\pi}{3}\right) - 1$



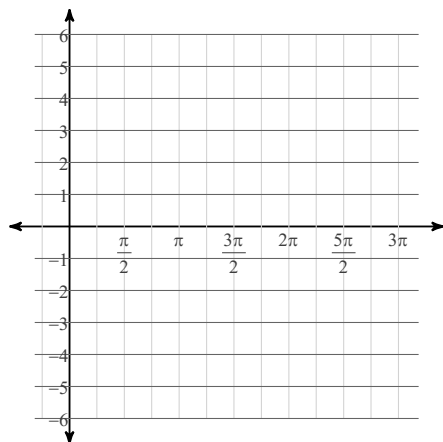
5) $y = 1 + \csc\left(\theta + \frac{2\pi}{3}\right)$



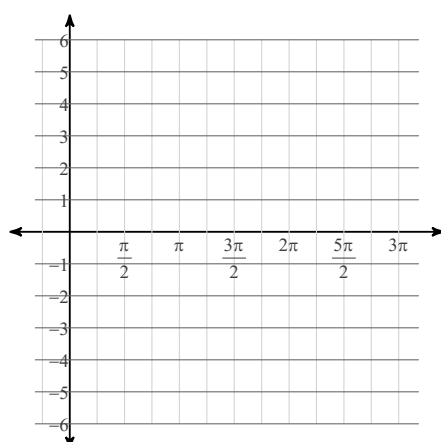
6) $y = \csc\left(\theta - \frac{\pi}{3}\right)$



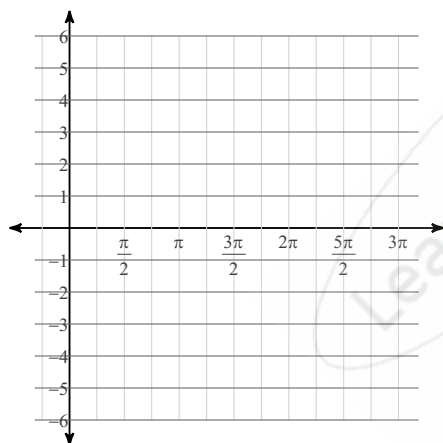
$$7) y = \sec\left(\theta - \frac{2\pi}{3}\right) + 1$$



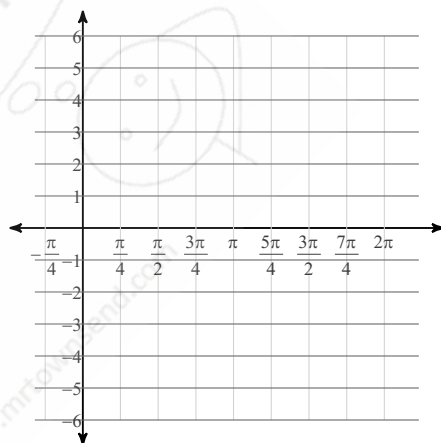
$$8) y = \sec\left(\theta - \frac{3\pi}{4}\right) + 2$$



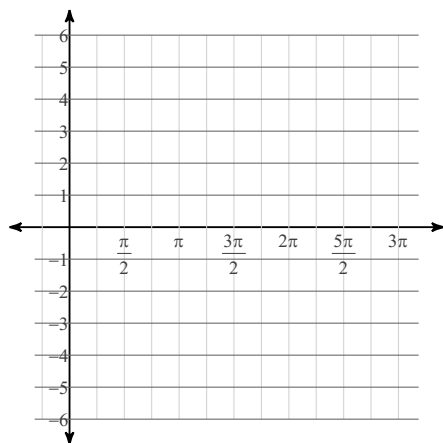
$$9) y = \sec\left(\theta + \frac{\pi}{3}\right) + 1$$



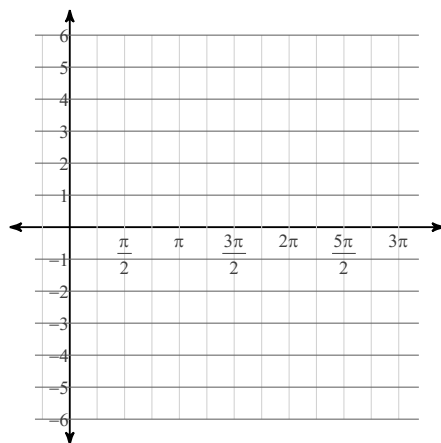
$$10) y = \cot\left(\theta + \frac{\pi}{4}\right) + 1$$



$$11) y = 1 + \csc\left(\theta - \frac{\pi}{2}\right)$$

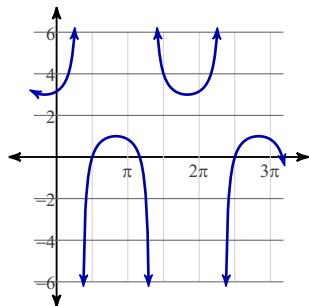


$$12) y = \csc\left(\theta + \frac{\pi}{2}\right) + 1$$

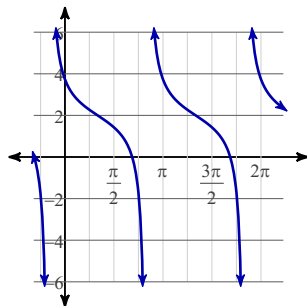


Answers to Graph Cosecant, Secant, and Cotangent

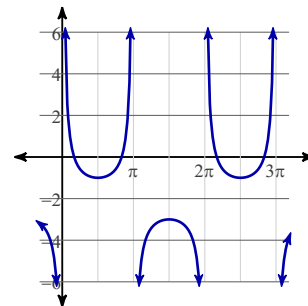
1)



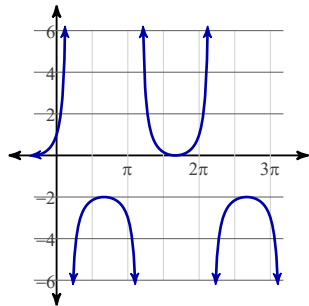
2)



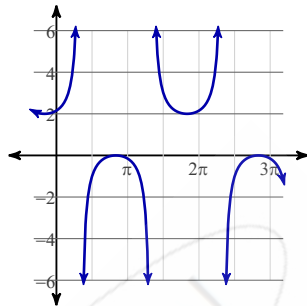
3)



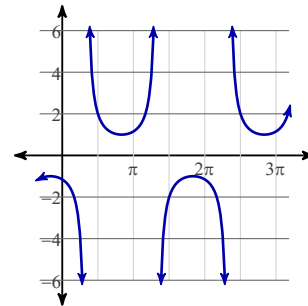
4)



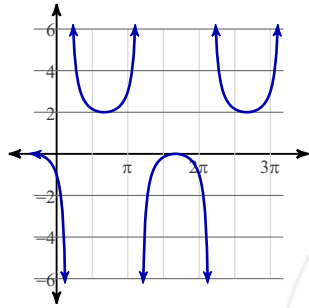
5)



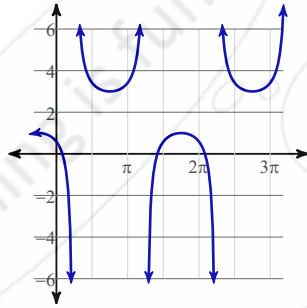
6)



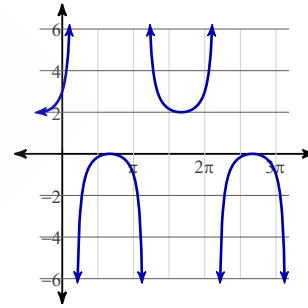
7)



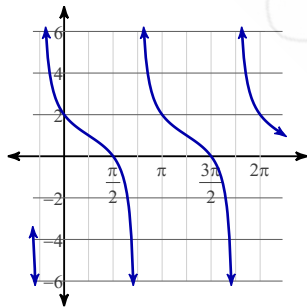
8)



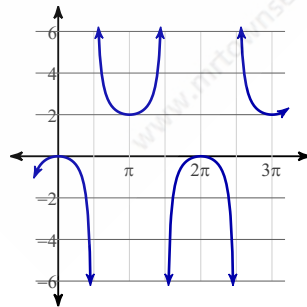
9)



10)



11)



12)

