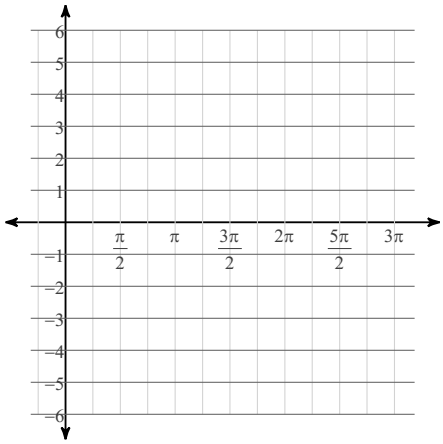
Graph Cosecant, Secant, and Cotangent

Name_____

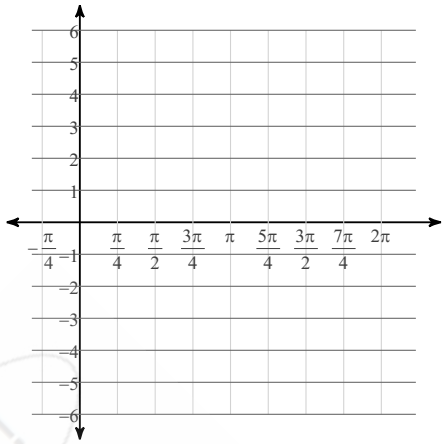
Date_____

Graph each function using radians.

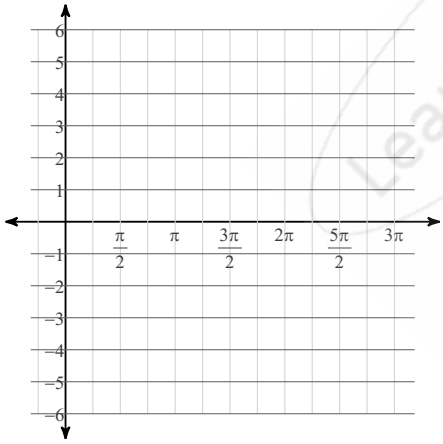
1) $y = \csc\left(\theta - \frac{\pi}{6}\right) - 1$



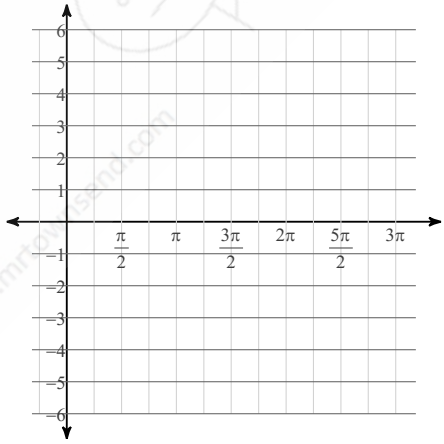
2) $y = 1 + \cot\left(\theta + \frac{2\pi}{3}\right)$



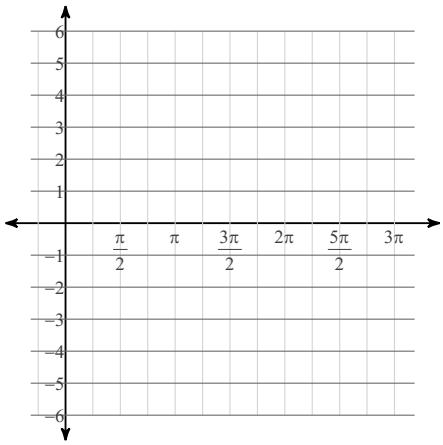
3) $y = \csc\left(\theta + \frac{3\pi}{4}\right) + 2$



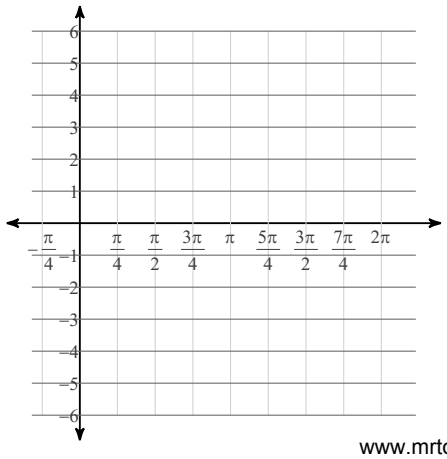
4) $y = 2 + \csc\left(\theta - \frac{3\pi}{4}\right)$



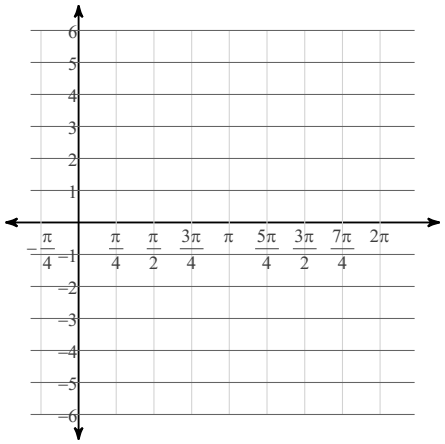
5) $y = \csc\left(\theta - \frac{\pi}{4}\right)$



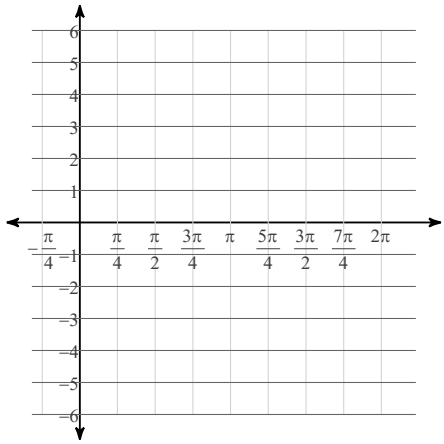
6) $y = \cot\left(\theta - \frac{11\pi}{6}\right)$



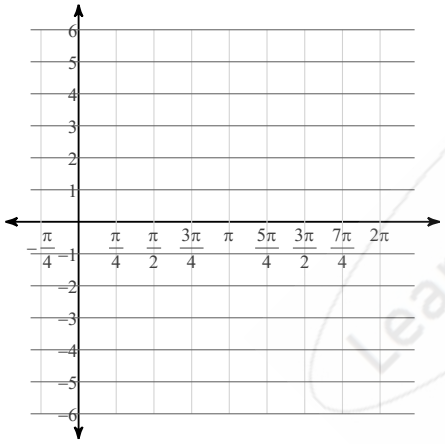
7) $y = \cot\left(\theta + \frac{\pi}{4}\right) - 1$



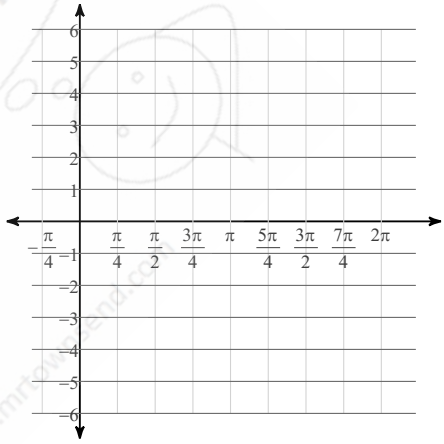
8) $y = 2 + \cot\left(\theta - \frac{2\pi}{3}\right)$



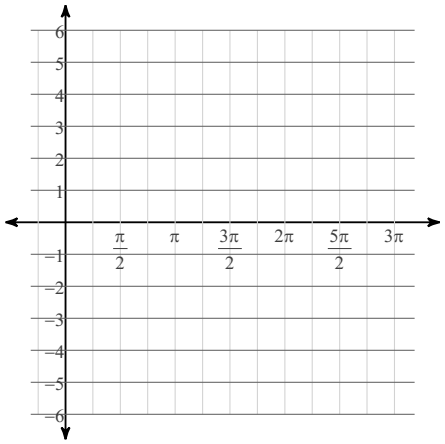
9) $y = 1 + \cot\theta$



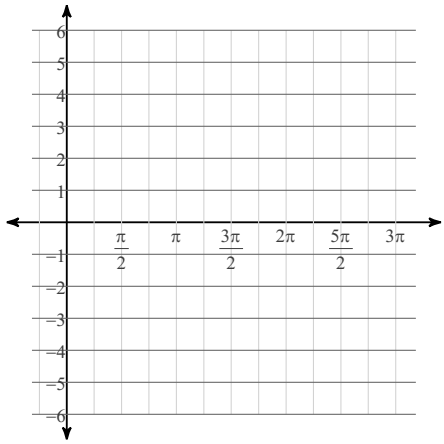
10) $y = \cot\left(\theta - \frac{2\pi}{3}\right) + 1$



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

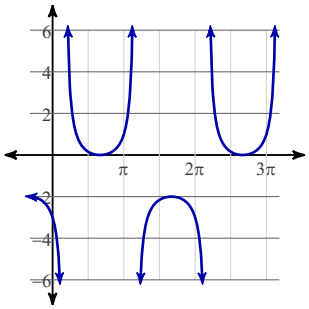


12) $y = \sec\left(\theta - \frac{2\pi}{3}\right) - 1$

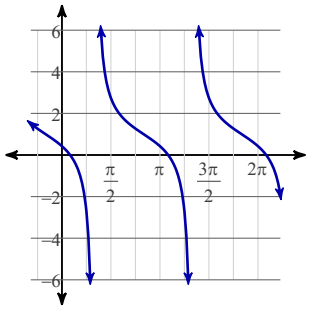


Answers to Graph Cosecant, Secant, and Cotangent

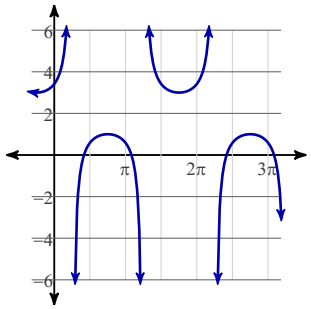
1)



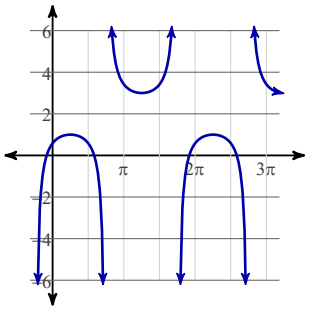
2)



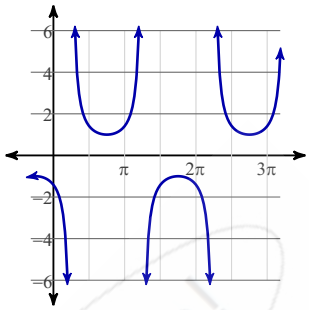
3)



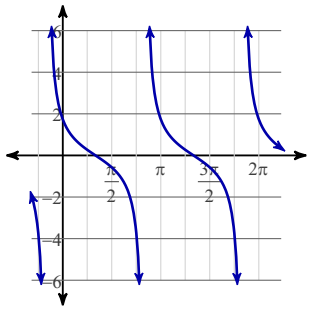
4)



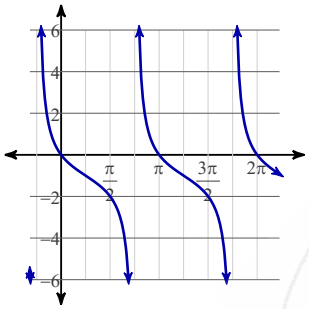
5)



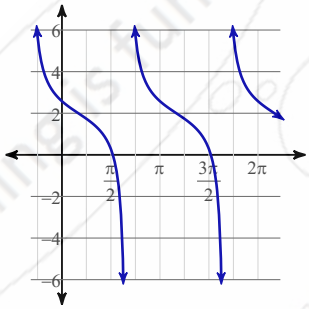
6)



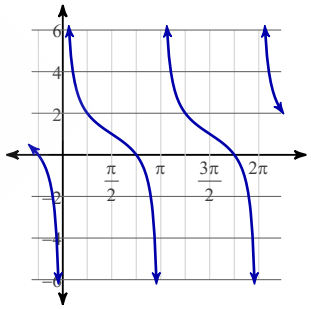
7)



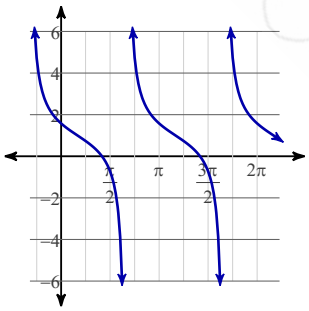
8)



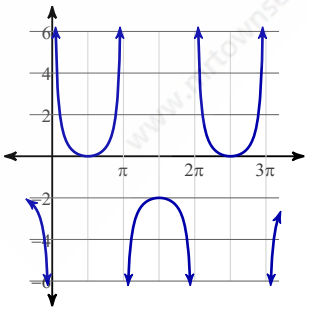
9)



10)



11)



12)