Accl Precalc Name_____

Graphing Tan & Cot

Graph each function using radians.

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

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

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

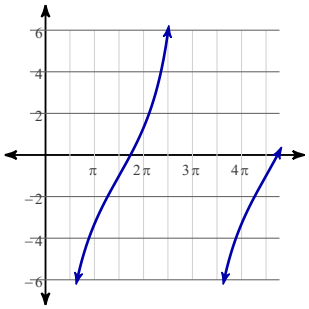
4) $y = 1 + 2\tan\left(2\theta - \frac{5\pi}{3}\right)$

5) $y = \frac{1}{2} \cdot \cot\left(\frac{\theta}{3} - \frac{5\pi}{6}\right) + 1$

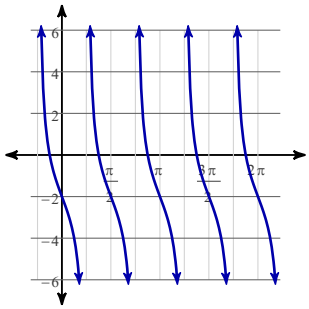
6) $y = 3\cot\left(\frac{\theta}{2} - \frac{\pi}{6}\right) - 2$

Answers to Graphing Tan & Cot

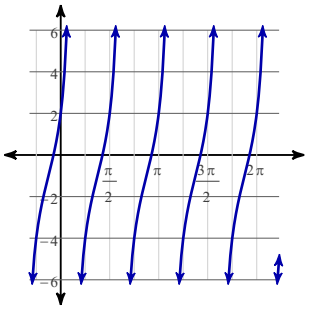
1)



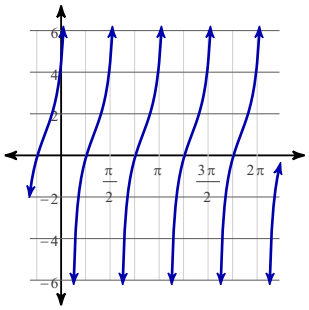
2)



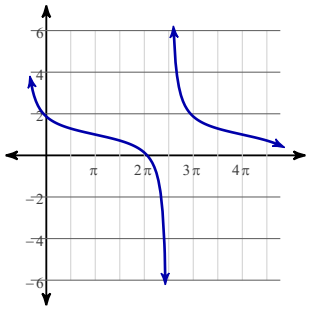
3)



4)



5)



6)