Advanced Algebra Name_____

Vertical and Horizontal shifts

Graph each function using radians.

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

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

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

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

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

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

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

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

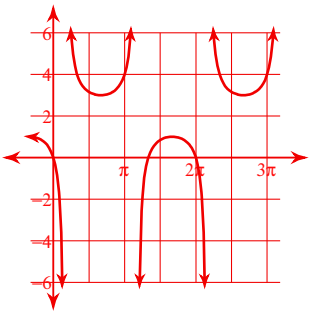
9) $y = -1 + \cot\left(\theta + \frac{7\pi}{6}\right)$

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

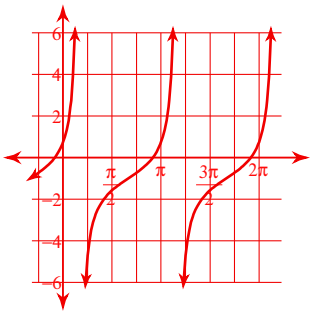
Vertical and Horizontal shifts

Graph each function using radians.

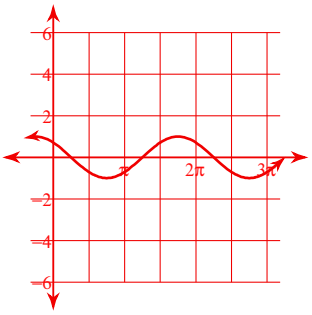
1) $y = \sec\left(\theta - \frac{2\pi}{3}\right) + 2$



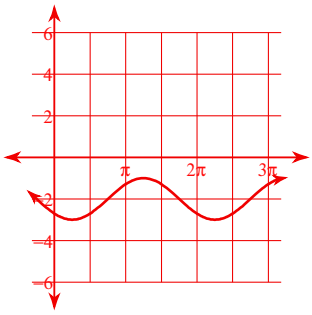
2) $y = \tan\left(\theta + \frac{\pi}{3}\right) - 1$



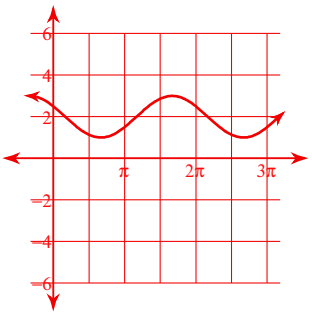
3) $y = \cos\left(\theta + \frac{\pi}{4}\right)$



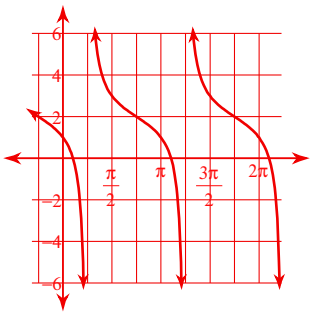
4) $y = \cos\left(\theta - \frac{5\pi}{4}\right) - 2$



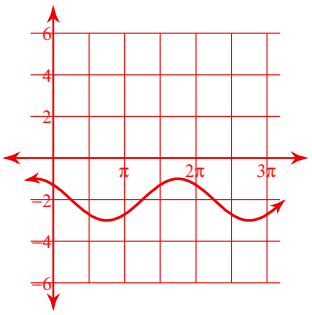
5) $y = \sin\left(\theta + \frac{5\pi}{6}\right) + 2$



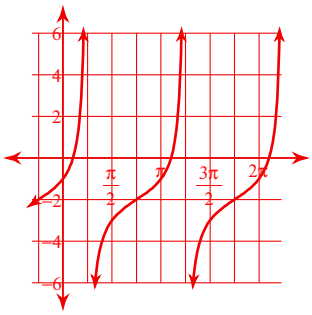
6) $y = \cot\left(\theta + \frac{3\pi}{4}\right) + 2$



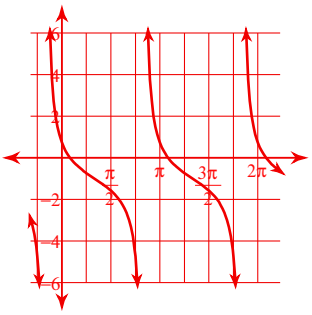
7) $y = \sin\left(\theta + \frac{3\pi}{4}\right) - 2$



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



9) $y = -1 + \cot\left(\theta + \frac{7\pi}{6}\right)$



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