

Assignment

Date _____ Period _____

Graph each function using radians.

1) $y = 2\sin 4\theta$

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

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

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

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

6) $y = \tan \frac{\theta}{2}$

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

8) $y = 3\csc \frac{\theta}{2}$

$$9) y = -1 + 2\sec 2\theta$$

$$10) y = \sec\left(\frac{\theta}{3} - \frac{5\pi}{4}\right)$$

$$11) y = \cot\frac{\theta}{2}$$

$$12) y = \cot\left(\theta - \frac{\pi}{6}\right)$$