

Graphing Trig Functions Homework:

Use the five steps to find the amplitude, midline (vertical shift), period, phase shift, and scale. Tip: if there's a phase shift, you won't start at 0. Graph the functions.

Graph each function using radians.

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

2) $y = \sin \frac{\theta}{3} - 2$

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

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