Vertical Translations of Trig Functions Practice

Date_____

Graph each function using radians.

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

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

3) $y = 3\sin 3\theta - 2$

4) $y = 3\sin \frac{\theta}{3} + 1$

5) $y = \frac{1}{2} \cdot \cos 3\theta - 2$

6) $y = 2\cos 2\theta - 2$

7) $y = \cos 4\theta + 2$

8) $y = 3\cos \frac{\theta}{3} + 1$

9) $y = 4\tan 2\theta - 1$

10) $y = 3\tan 2\theta + 1$

11) $y = \frac{1}{2} \cdot \tan \frac{\theta}{2} + 2$

12) $y = 4\tan \frac{\theta}{2} + 2$

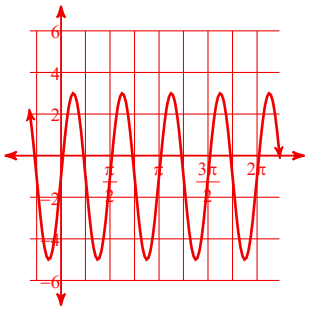
H. Algebra 2 Name_____ ID: 1

Vertical Translations of Trig Functions Practice

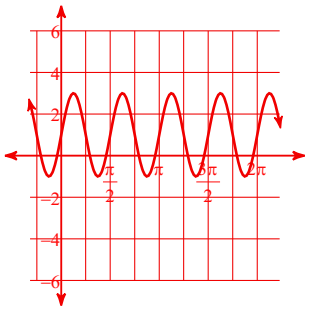
Date_____

Graph each function using radians.

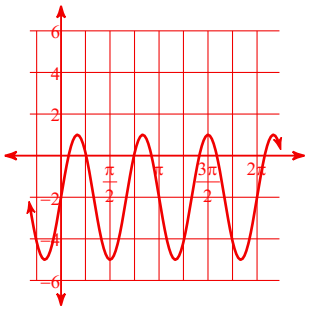
1) $y = 4\sin 4\theta - 1$



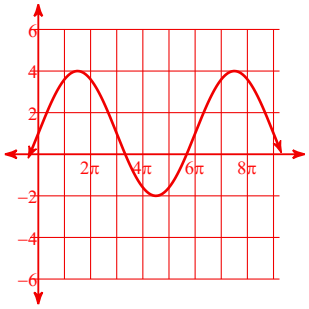
2) $y = 2\sin 4\theta + 1$



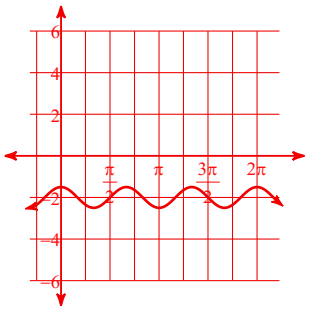
3) $y = 3\sin 3\theta - 2$



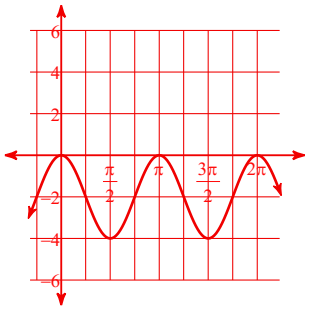
4) $y = 3\sin \frac{\theta}{3} + 1$



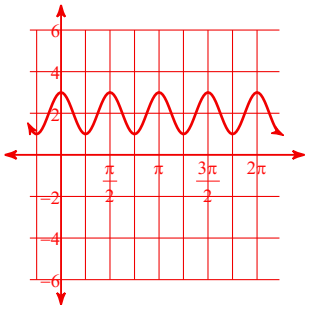
5) $y = \frac{1}{2} \cdot \cos 3\theta - 2$



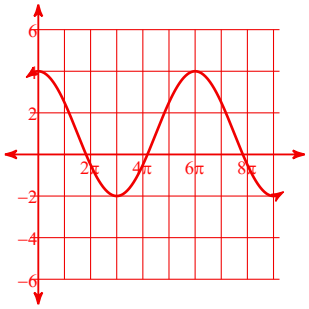
6) $y = 2\cos 2\theta - 2$



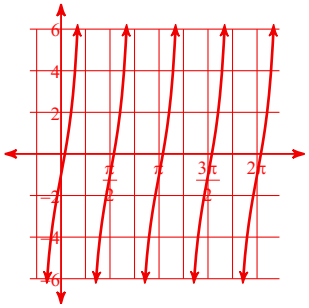
7) $y = \cos 4\theta + 2$



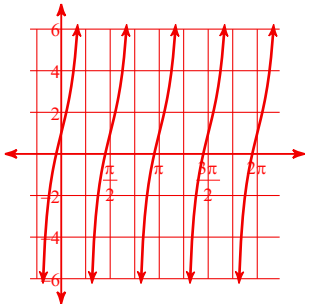
8) $y = 3\cos \frac{\theta}{3} + 1$



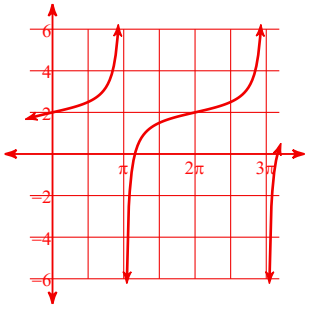
9) $y = 4\tan 2\theta - 1$



10) $y = 3\tan 2\theta + 1$



11) $y = \frac{1}{2} \cdot \tan \frac{\theta}{2} + 2$



12) $y = 4\tan \frac{\theta}{2} + 2$