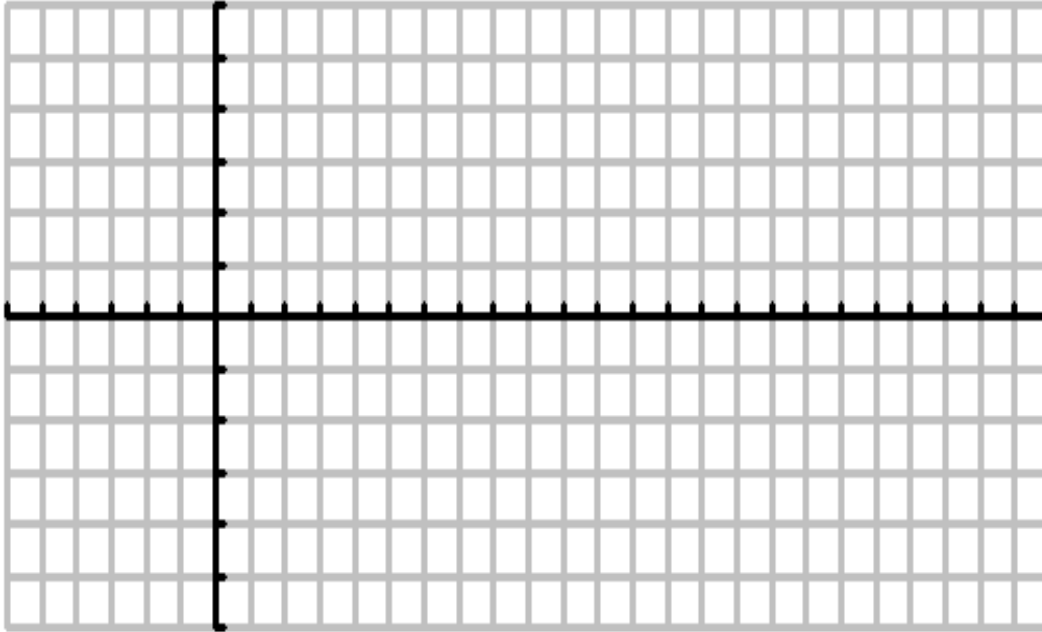


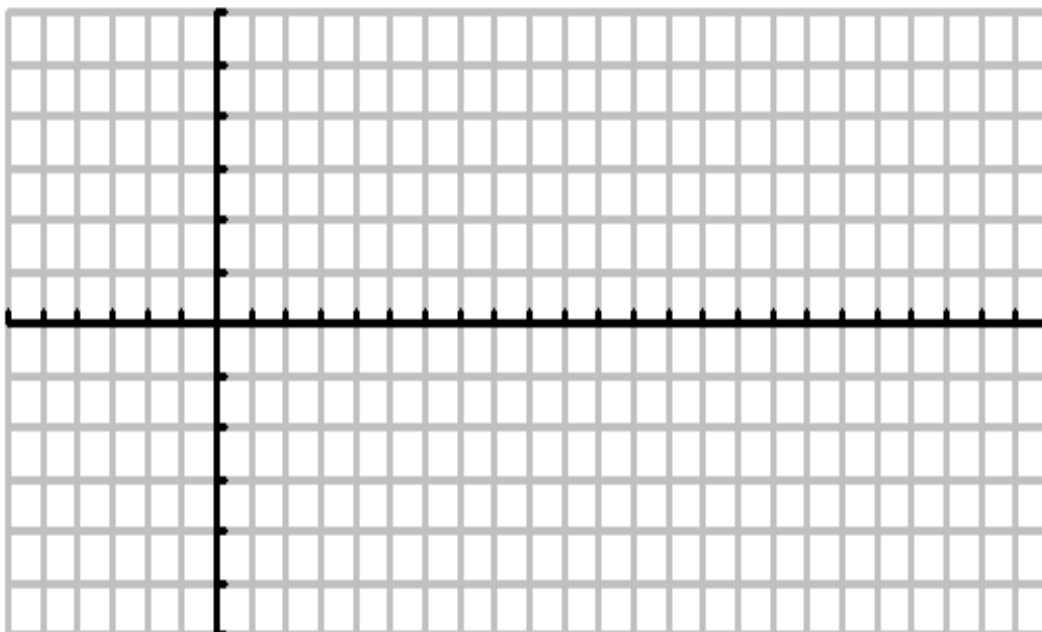
Graphing the way our ancestors did in the period B.C.

1. $y = 2 \sec \theta$



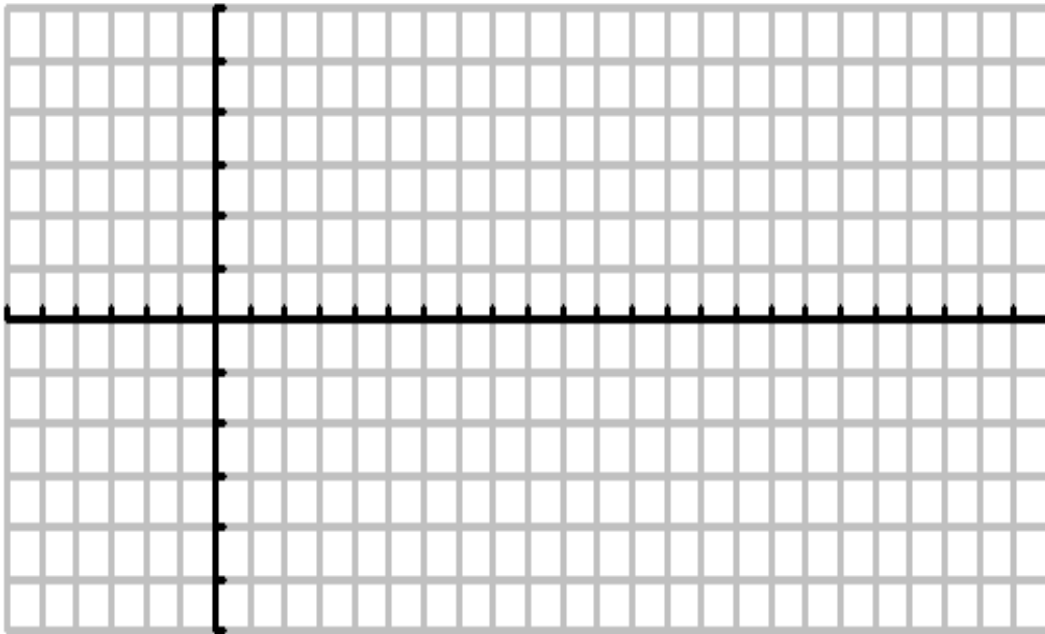
Period = _____
Amplitude = _____
Phase Shift = _____
Vertical Shift = _____

2. $y = 3 \csc \theta$



Period = _____
Amplitude = _____
Phase Shift = _____
Vertical Shift = _____

3. $y = \cot \frac{\theta}{3}$



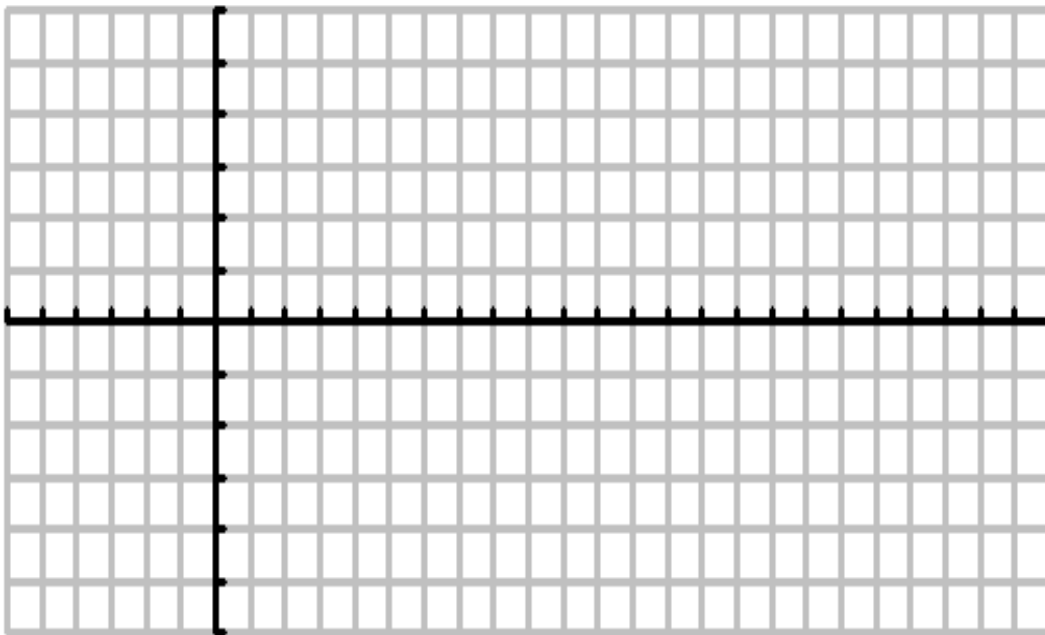
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

4. $y = 2 \sec \frac{\theta}{2}$



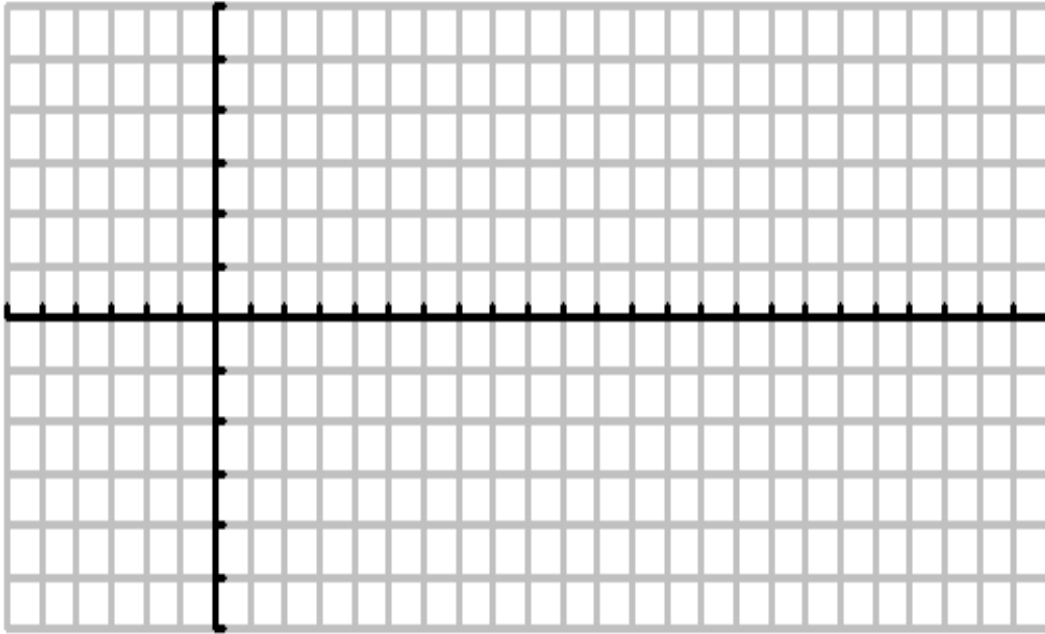
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

5. $y = \frac{1}{2} \csc 2\theta$



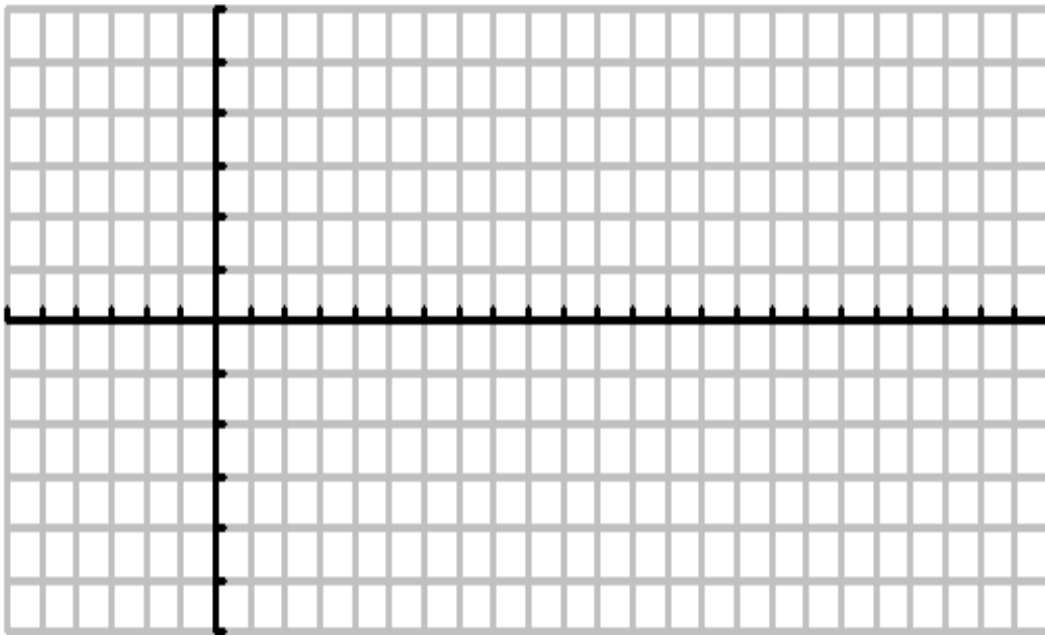
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

6. $y = 2 \tan 2\theta$



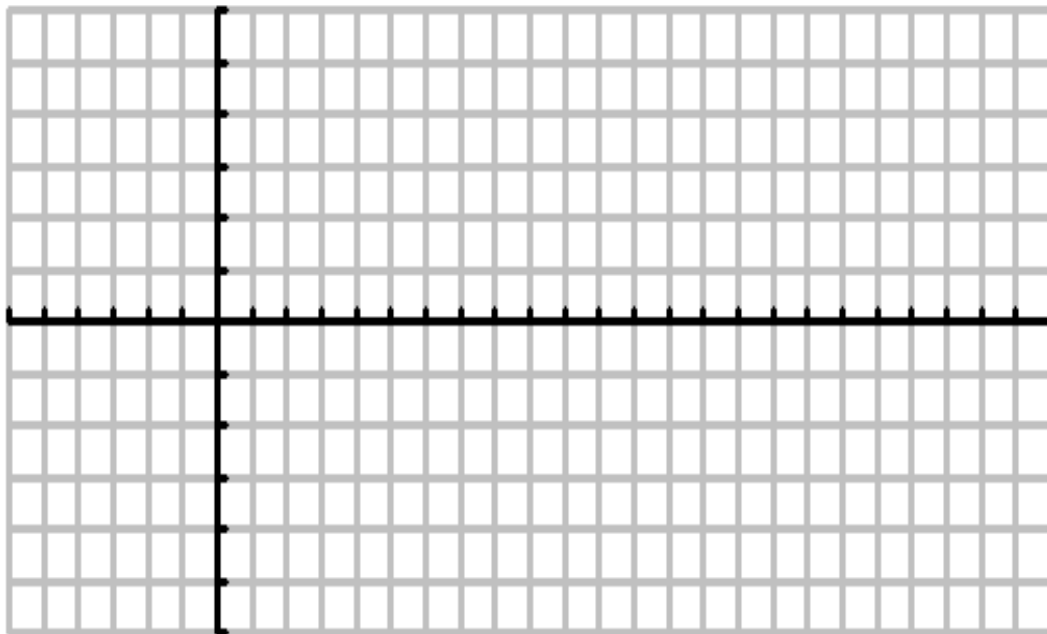
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

7. $y = \cot(\theta + \frac{3\pi}{4})$



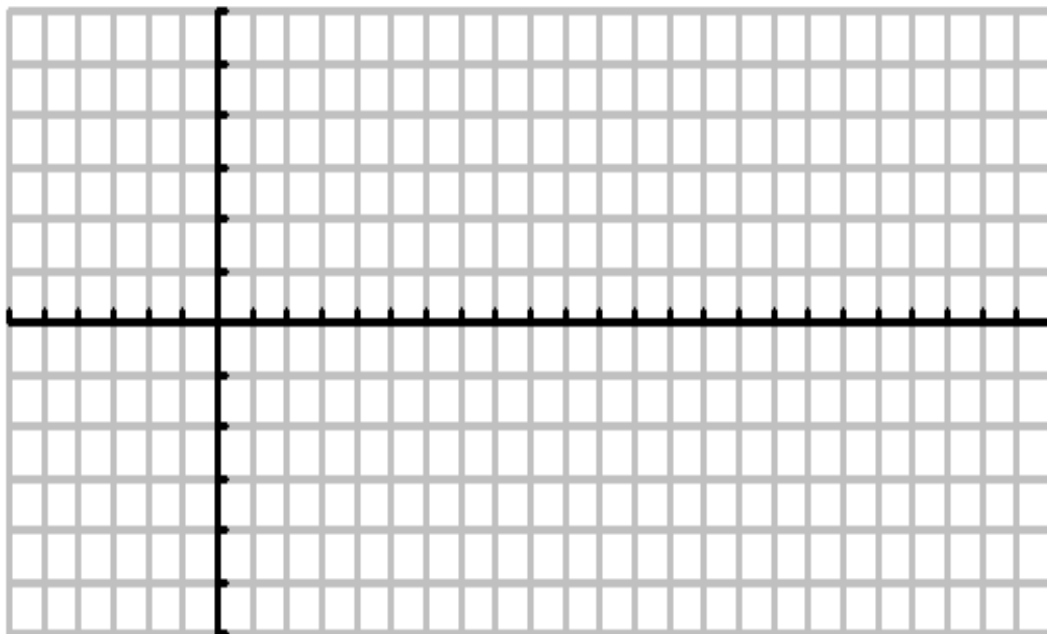
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

8. $y = \frac{1}{2} \tan(\theta - \frac{4\pi}{3})$



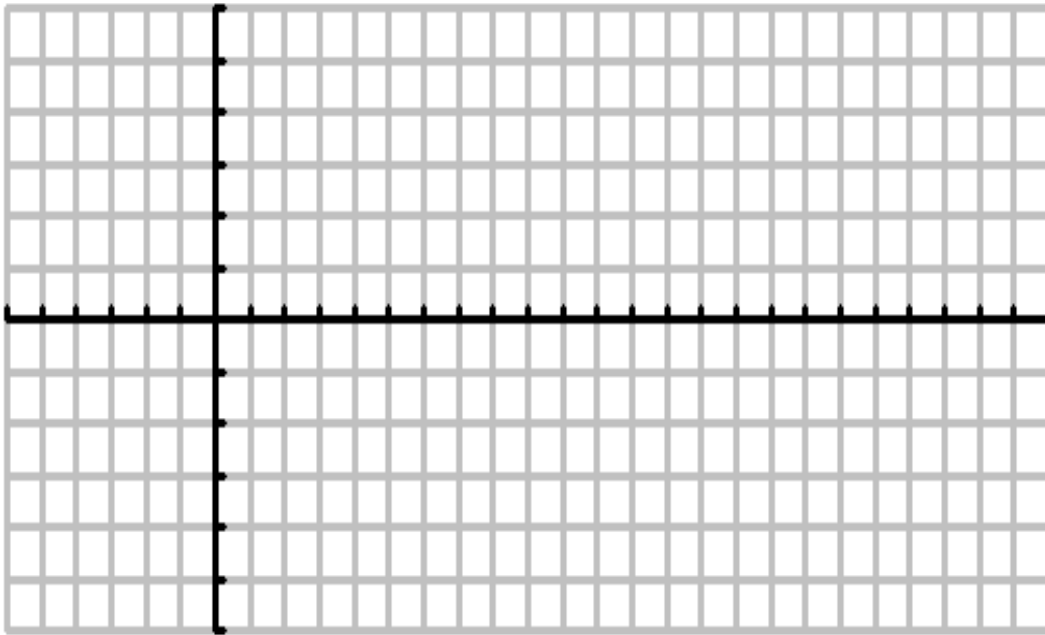
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

9. $y = \tan(2\theta - \pi)$



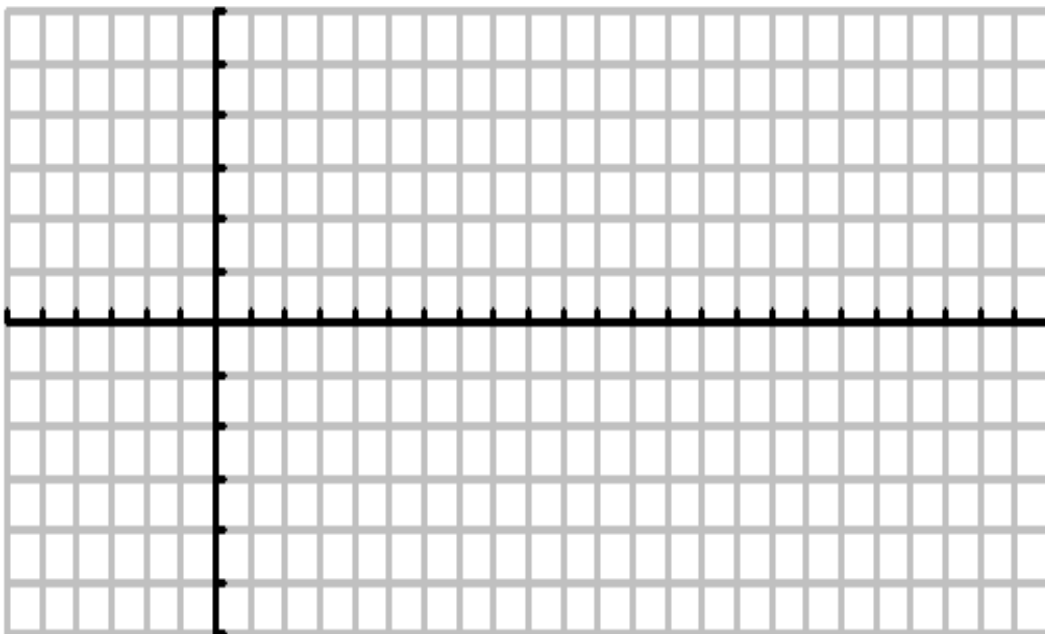
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

10. $y = 3 \csc(\theta + \frac{\pi}{3})$



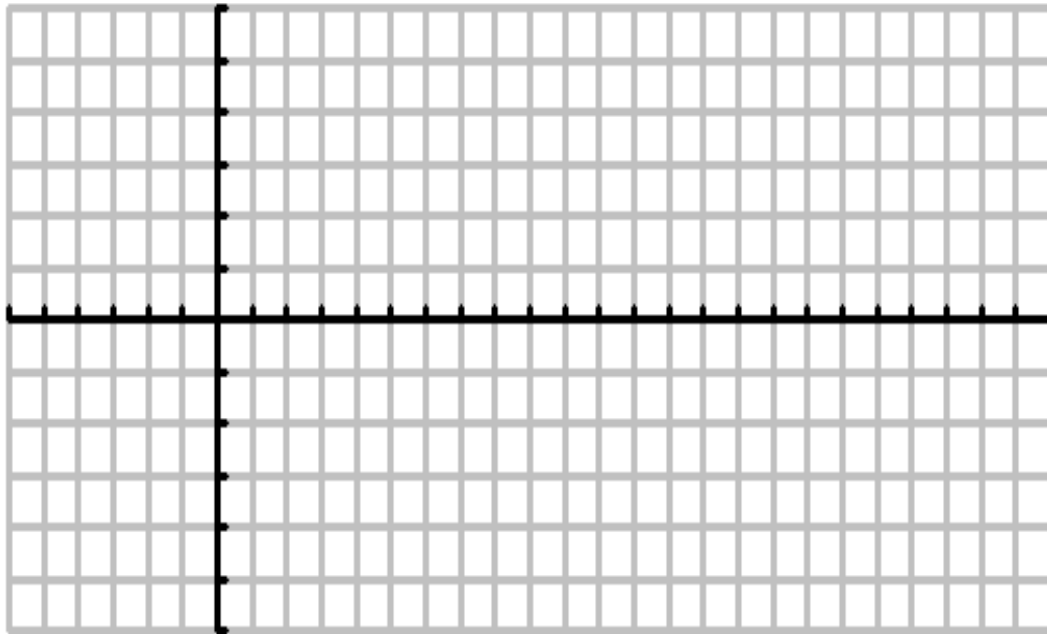
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

11. $y = -2 \csc \frac{\theta}{4}$



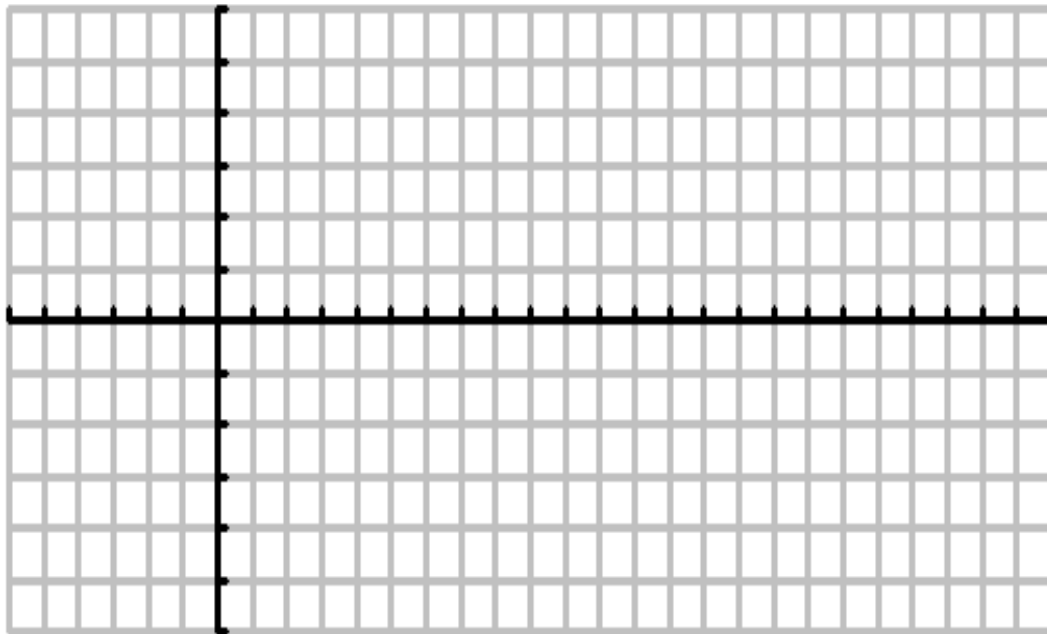
Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____

12. $y = 2 \sec\left(\frac{\theta}{2} + \frac{\pi}{4}\right)$



Period = _____

Amplitude = _____

Phase Shift = _____

Vertical Shift = _____