

Assignment 7.2

Identify the amplitude, vertical shift, and period for each equation.

1. $y = 4\sin 5\theta - 1$

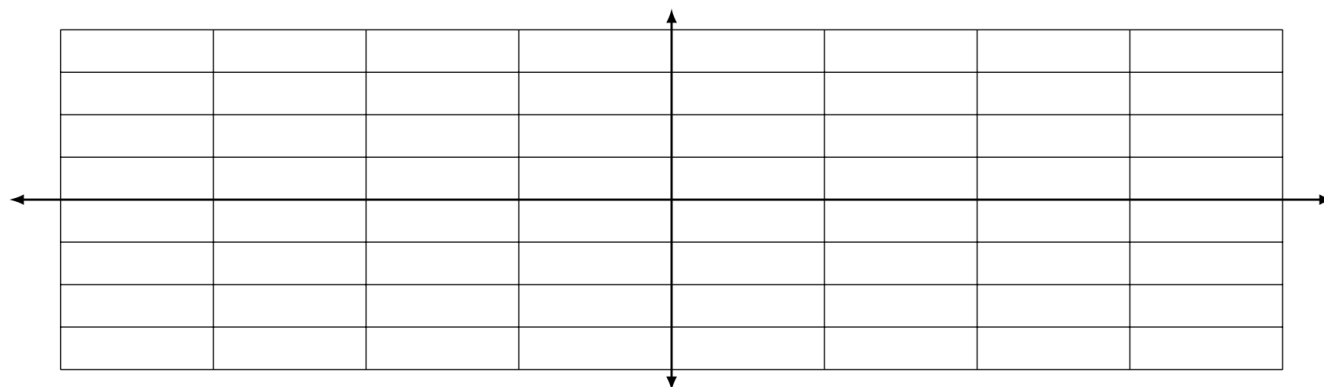
Amplitude: Vertical Shift: Period:

2. $y = -\cos \frac{1}{3}\theta + 6$

Amplitude: Vertical Shift: Period:

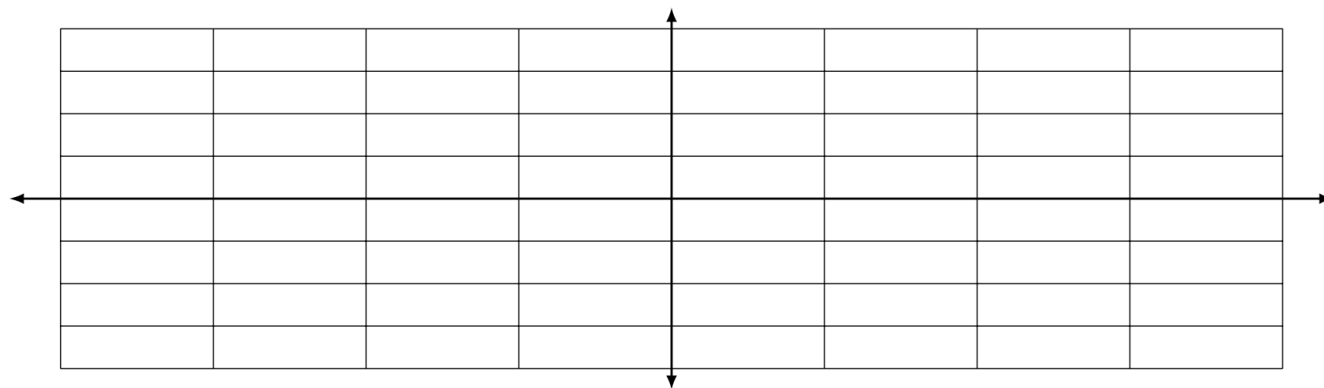
Graph each trig function and identify the values, label the scale on the graph.

3. $y = 2\cos\theta + 1$



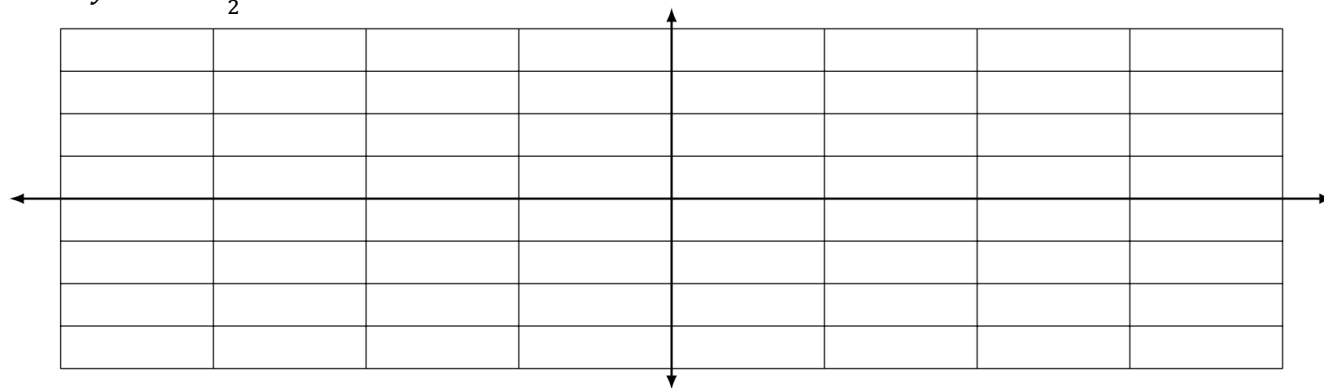
Amplitude: Vertical Shift: Period:

4. $y = -2\sin 3\theta - 1$



Amplitude: Vertical Shift: Period:

5. $y = -\cos\frac{1}{2}\theta + 3$

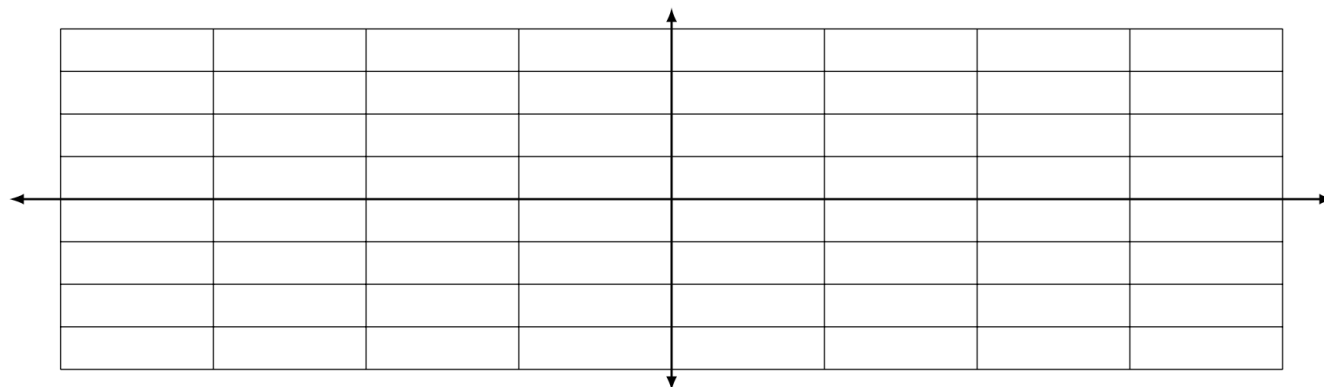


Amplitude:

Vertical Shift:

Period:

6. $y = 3\sin 2\theta$

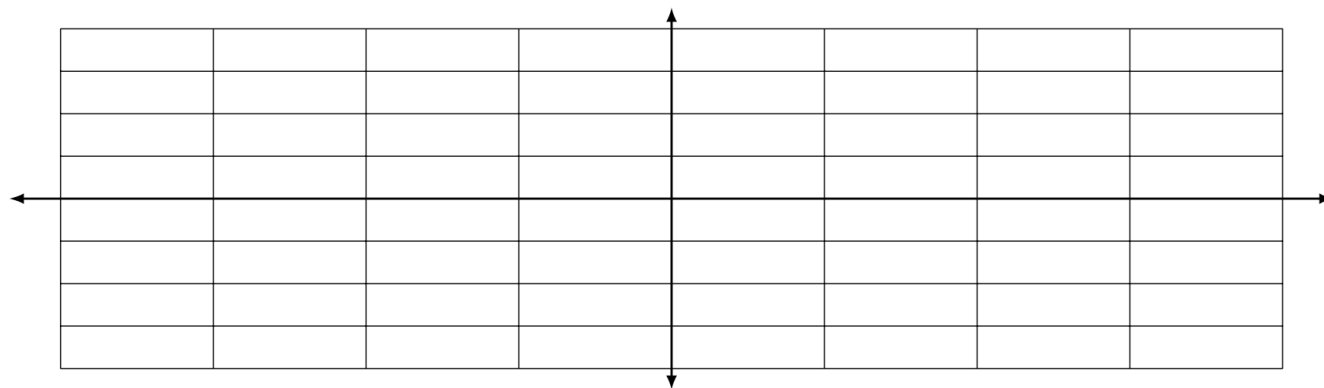


Amplitude:

Vertical Shift:

Period:

7. $y = -3\cos 2\theta - 1$



Amplitude:

Vertical Shift:

Period: