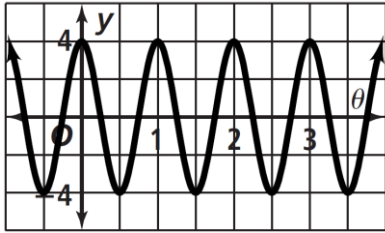


Algebra 2 Chapter 13 Graphing Review

1. For the cosine graph below, state the amplitude, period and write an equation.



Amplitude: _____

Period: _____

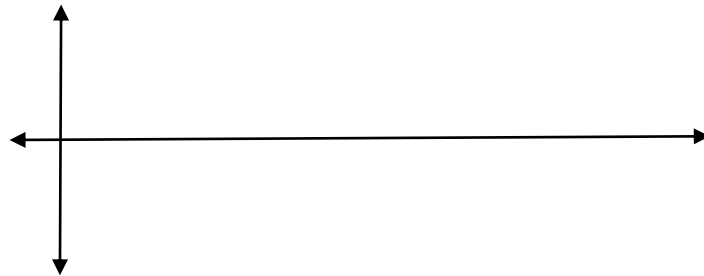
Equation: _____

2. Given the period of a sine graph is π and the amplitude is 4. Write an equation for the graph.

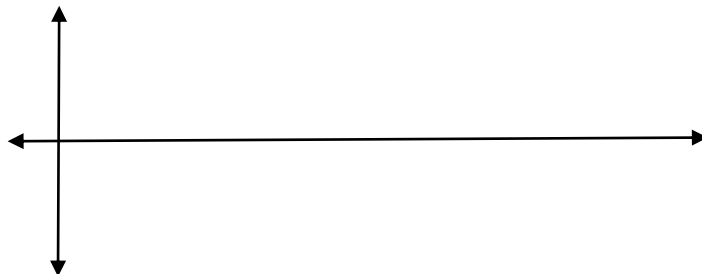
2. _____

For each of the following state the period and amplitude, then graph one cycle. Make sure to label the critical values on the x & y - axis .

3. $y = -3\sin \theta$

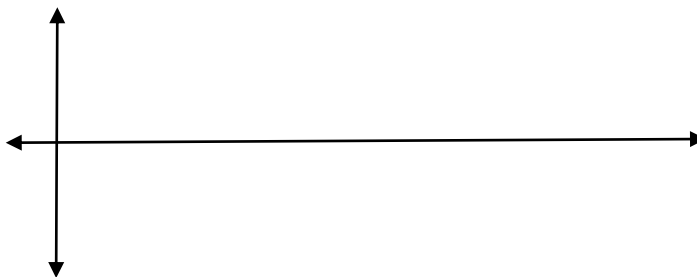


4. $y = \sin \frac{\pi}{2} \theta$

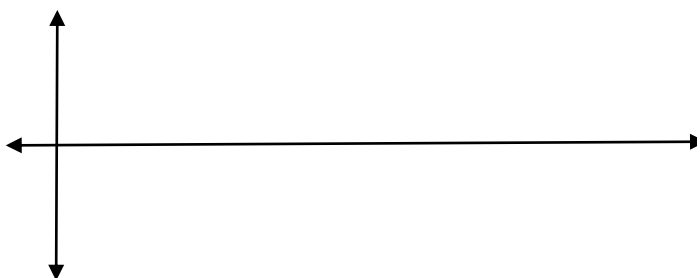


For each of the following state the period and amplitude, then graph one cycle. Make sure to label the critical values on the x & y -axis .

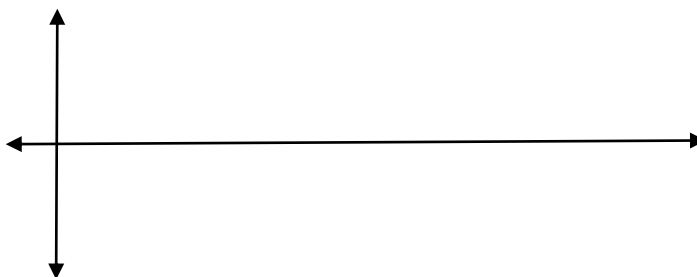
5. $y = 4 \cos \theta$



6. $y = \cos 2\theta$



7. $y = 3 \sin \frac{1}{3} \theta$



8. $y = -\frac{1}{2} \cos \pi \theta$

