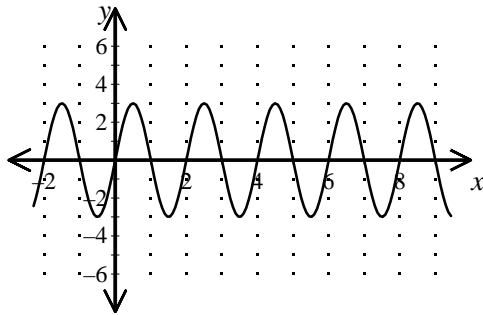


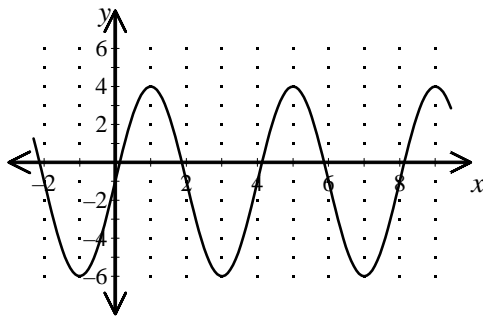
NAME: _____

P.I. A2.A.69: Determine amplitude, period, frequency, and phase shift, given the graph or equation of a periodic function

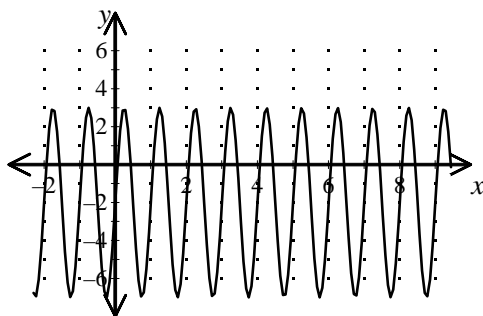
1. Calculate the period and amplitude of the function.



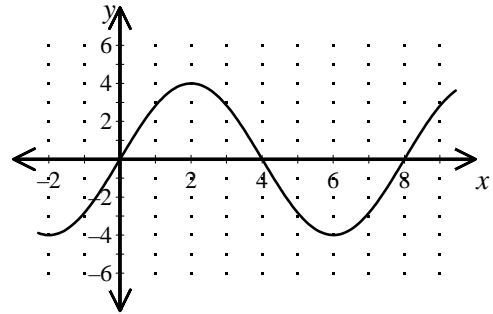
2. Calculate the period and amplitude of the function.



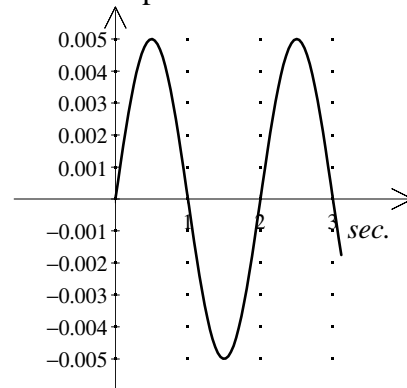
3. Calculate the period and amplitude of the function.



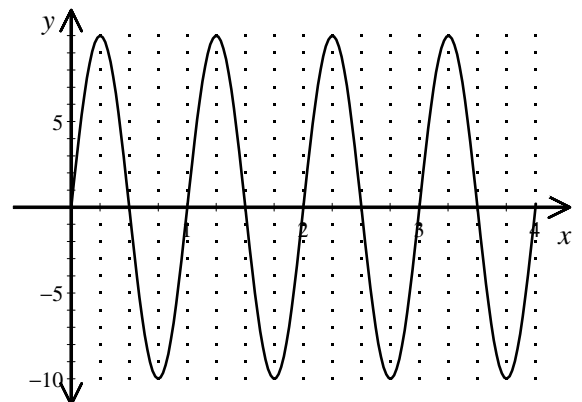
4. Calculate the period and amplitude of the function.



5. This screen shows the graph of a sound recorded on an oscilloscope. What is the period and the amplitude?



6. Find the period and amplitude of this function:



- [1] period = 2; amplitude = 3
- [2] period = 4; amplitude = 5
- [3] period = 1; amplitude = 5
- [4] period = 8; amplitude = 4
- [5] period: 2 seconds; amplitude: 0.005
- [6] The period is 1; the amplitude is 10.