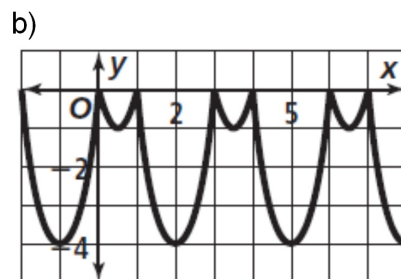
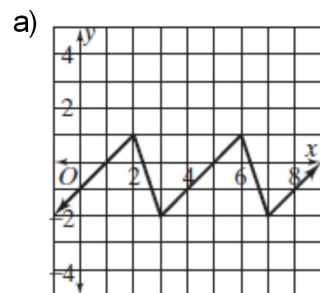


Bellwork Wednesday, March 26, 2014

1. For each find the Period, Amplitude, and Eq of the Midline.

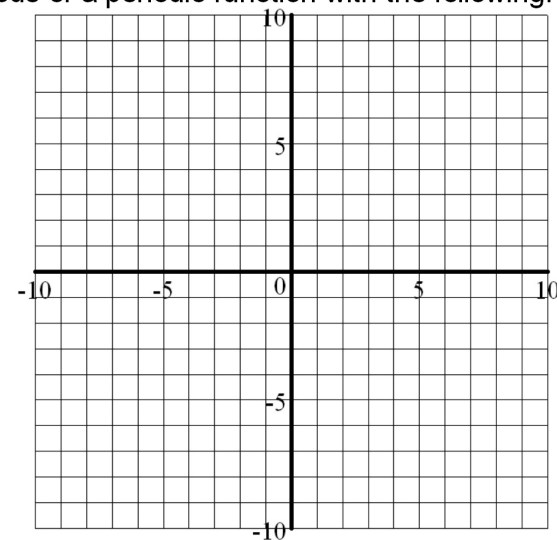


2. Graph 2 periods of a periodic function with the following:

Period = 9

Amplitude = 5

Midline: $y = -4$



3. Suppose f is a periodic function with a period of 7

Given $f(8)=47$ and $f(20) = -15$

a. Find $f(-13)$

b. Find $f(48)$

4. A periodic function goes through 10 cycles in 6 minutes.
Find the period of the function.

5. The period of a periodic function is 8 seconds. How
many cycles does it go through in 1 minute?