

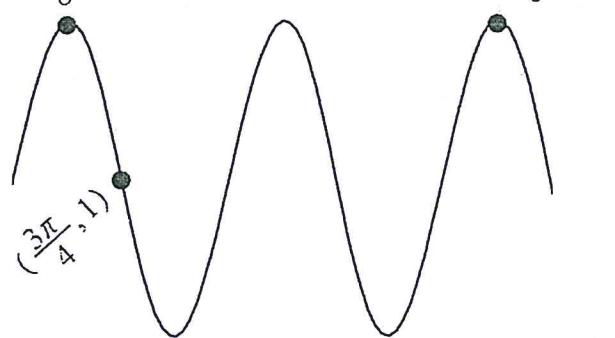
Bellwork Hon Alg 2 Tuesday, May 16, 2017

Find the Period, Amplitude, and Equation of the Midline for each Sine Function.

1.

$$\left(\frac{5\pi}{8}, 6\right)$$

$$\left(\frac{3\pi}{4}, 1\right)$$

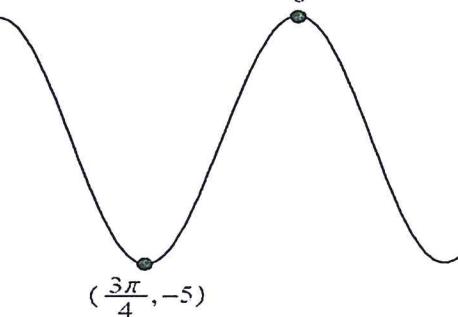


2.

$$\left(\frac{13\pi}{8}, 6\right)$$

$$\left(\frac{3\pi}{4}, -5\right)$$

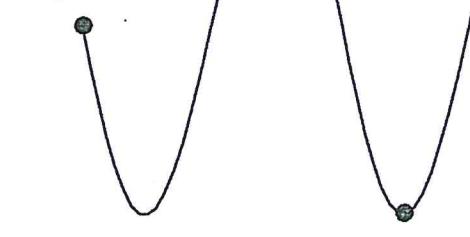
$$\left(\frac{11\pi}{6}, 2\right)$$



3.

$$\left(\frac{11\pi}{6}, -2\right)$$

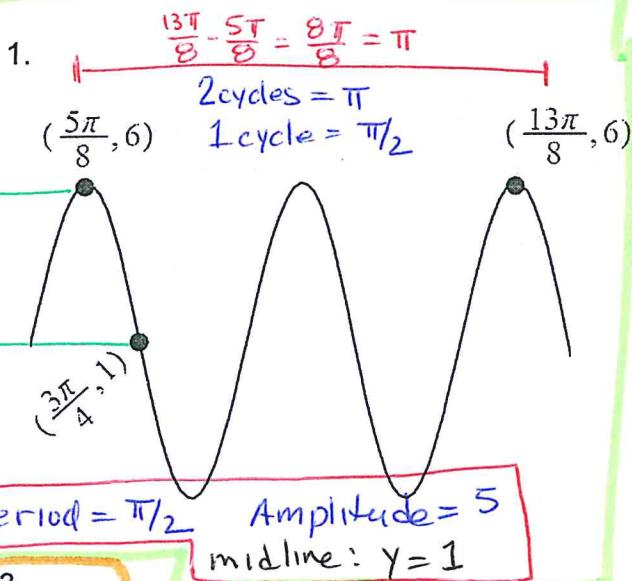
$$\left(\frac{8\pi}{3}, -7\right)$$



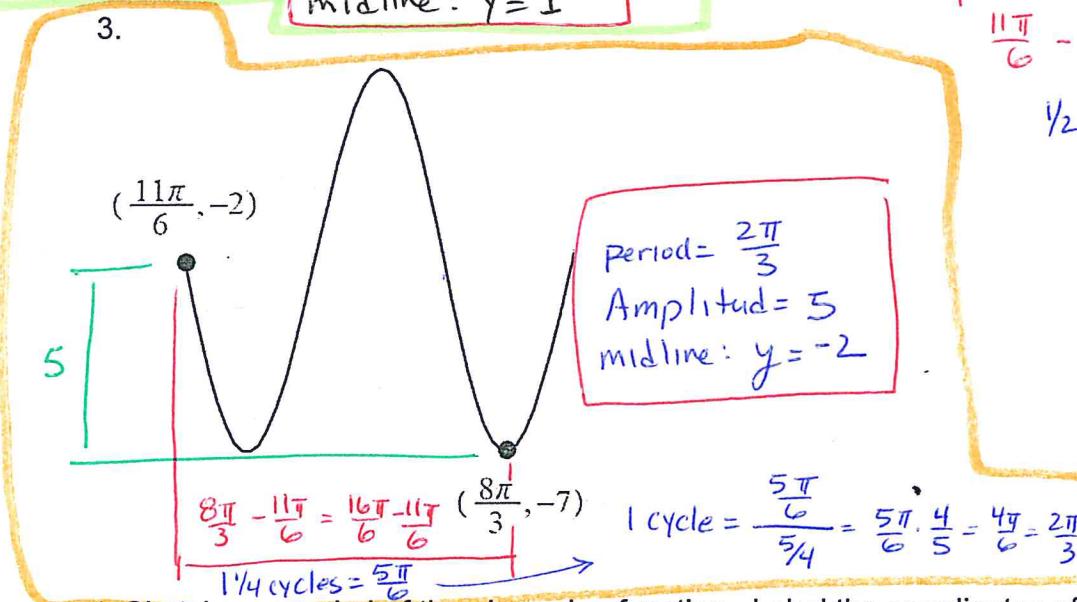
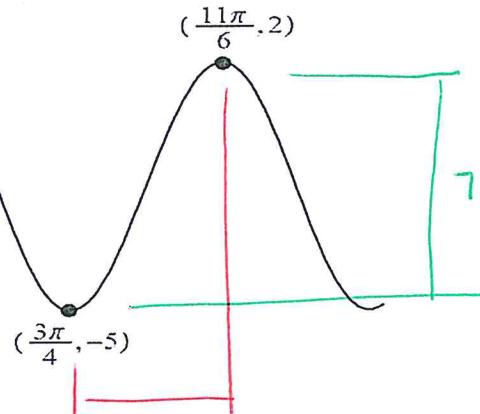
4. Sketch one period of the given sine function. Label the coordinates of all the x-intercepts, Maximums, and Minimums.

$$y = -3 \sin 5x$$

Find the Period, Amplitude, and Equation of the Midline for each Sine Function.



2.



4. Sketch one period of the given sine function. Label the coordinates of all the x-intercepts, Maximums, and Minimums.

$$y = -3 \sin 5x$$

upside down

Amplitude = 3

$$\text{Period} = \frac{2\pi}{5}$$

