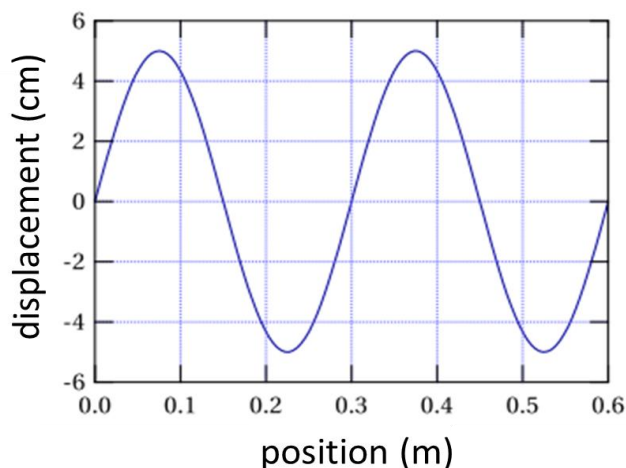


NAME: _____

1. **Review Slides 4-7** (that introduce wave parameters) of **Classwork #6**.
2. **The graph below shows a *snapshot*** (similar to Slide 4) **of a wave travelling along a thin rope**. X-axis represents position along the rope; Y-axis shows displacement of the corresponding “fragment” of the rope (undisturbed rope would look like a straight line at $Y=0$).



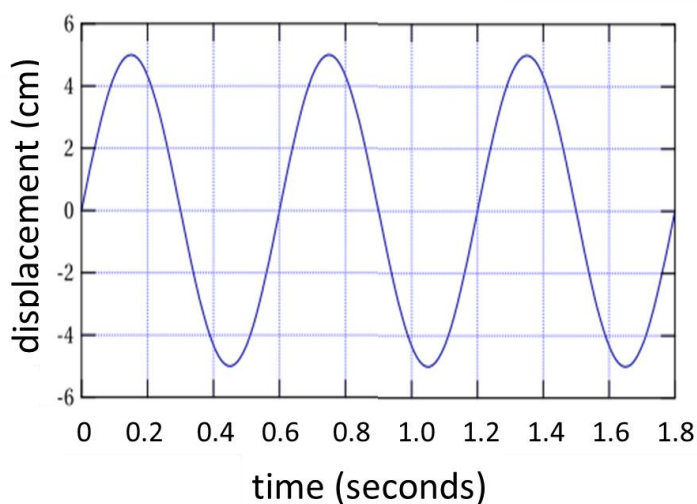
Measure the following wave parameters (pay attention to units!):

A. Amplitude=

B. Wavelength=

C. How many full waves (cycles) are shown?

3. **The second graph shows the same wave, but now in *time domain***. (tracking how a particular “fragment” vibrates in time, similar to Slide 6)



Measure:

D. Period=

E. How many full waves (cycles) are shown?

Calculate frequency (see Slide 7):

F. Frequency=