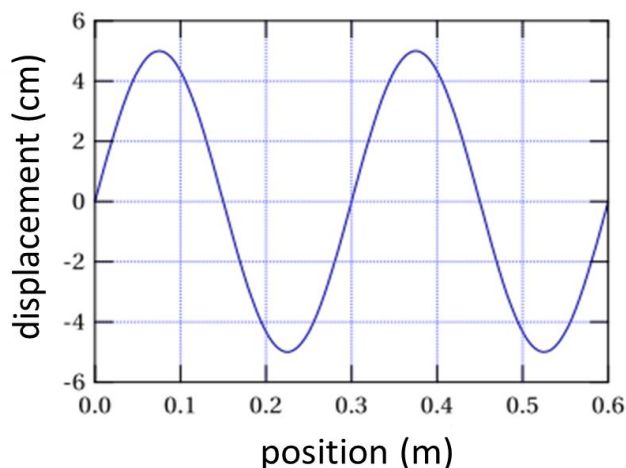


NAME:

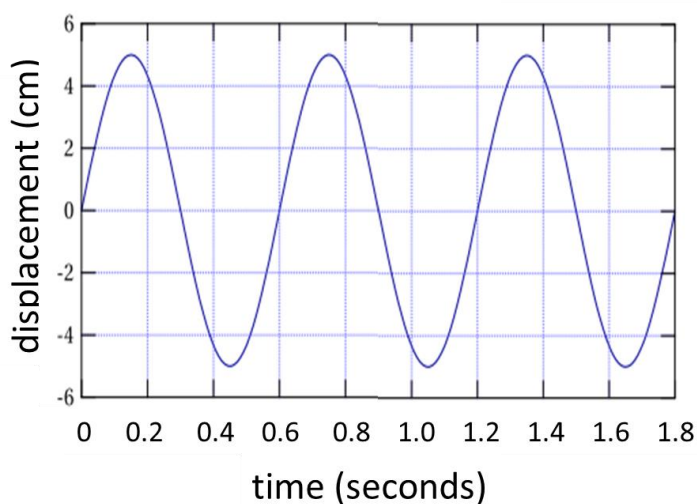
- Review Slides 4-7 (that introduce wave parameters) of Classwork #17.**
- The graph below shows a *snapshot* (similar to Slide 4) of a wave travelling along a thin rope.** X-axis represents position along the rope; Y-axis shows displacement of the corresponding “fragment” of the rope (undisturbed rope would look like a straight line at $Y=0$).



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

- Amplitude=**
- Wavelength=**
- How many full waves (cycles) are shown?**

- 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:

- Period=**
 - How many full waves (cycles) are shown?**
- Calculate frequency (see Slide 7):**
- Frequency=**