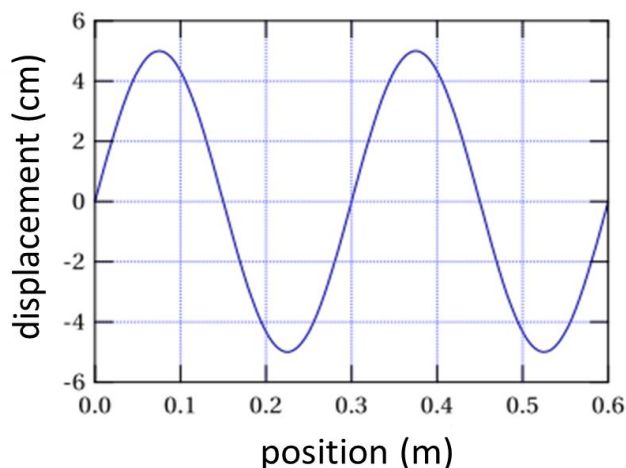


NAME:

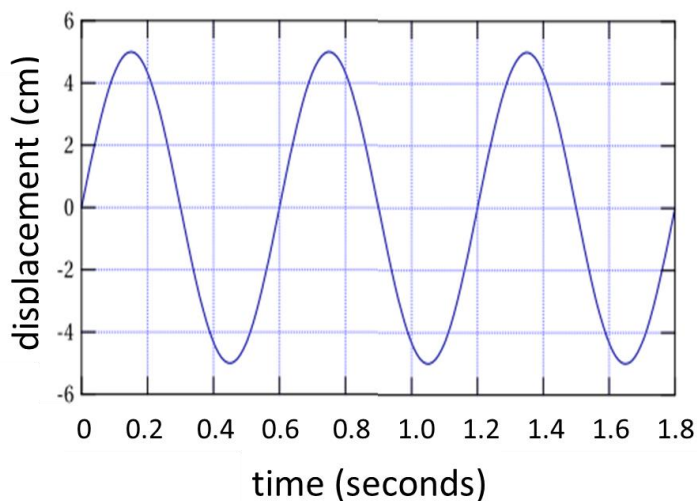
- Review Slides 4-7 (that introduce wave parameters) of Lecture #16.**
- The graph below shows a *snapshot* (similar to Slide 4) of a wave travelling along a thin rope.** X-axis represents position along the rope; Y-axis shows displacement of the corresponding “fragment” of the rope (undisturbed rope 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=