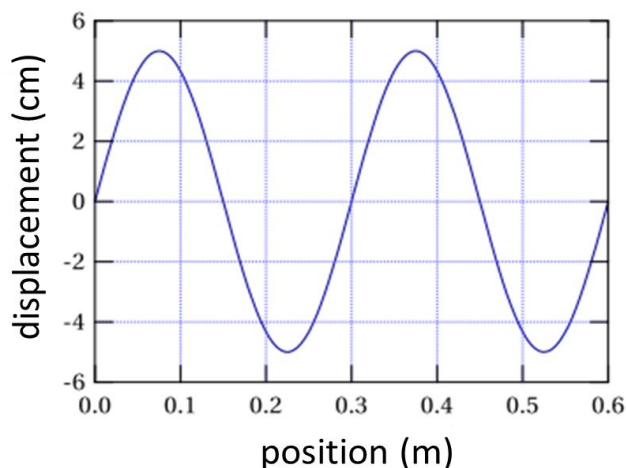PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

1. **Review Slides 4-7 (that introduce wave parameters) of Lecture 14.**

2. **The graph below shows a *snapshot* 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).
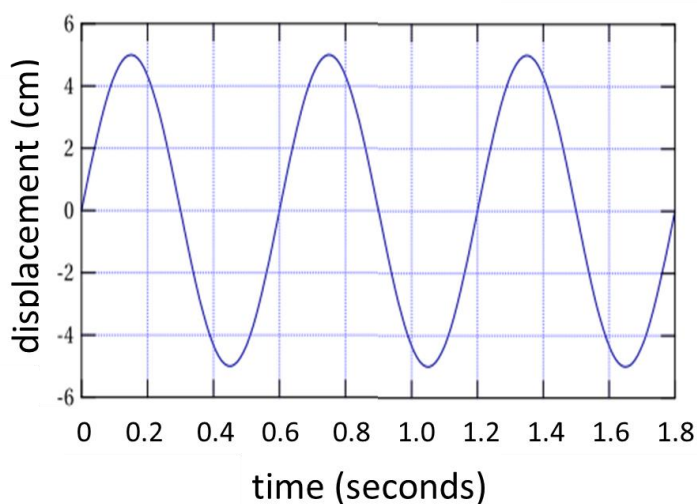


**Measure the following wave parameters (pay attention to units!):**

   A. **Amplitude=**

   B. **Wavelength=**

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

   **The second graph shows the same wave, but now in *time domain* (tracking how a particular "fragment" vibrates in time).**



**Measure:**

   D. **Period=**

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

**Calculate frequency:**

   F. **Frequency=**