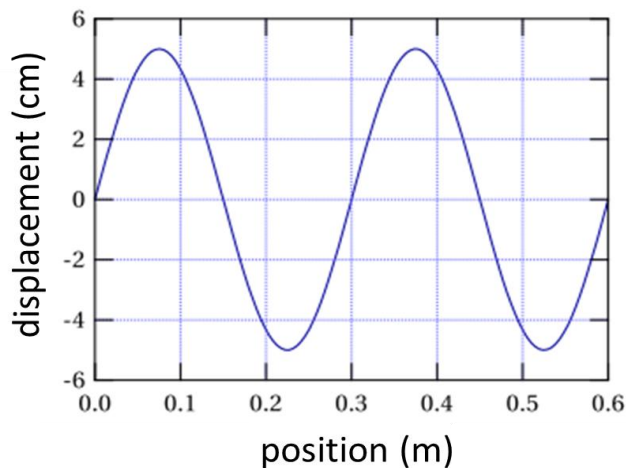


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NAME:

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1. **Review Slides ##4-7** (all about wave parameters) of **Classwork #4**.
2. **The graph below shows a *snapshot*** (similar to Slide #4) **of a wave travelling along a thin rope (“boxer endurance exercise”).** 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  $Y=0$ .



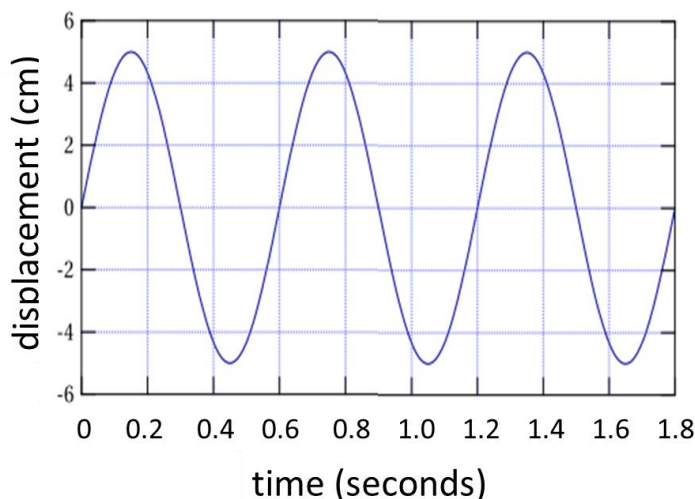
**Measure the following wave parameters (pay attention to units!):**

**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=**