

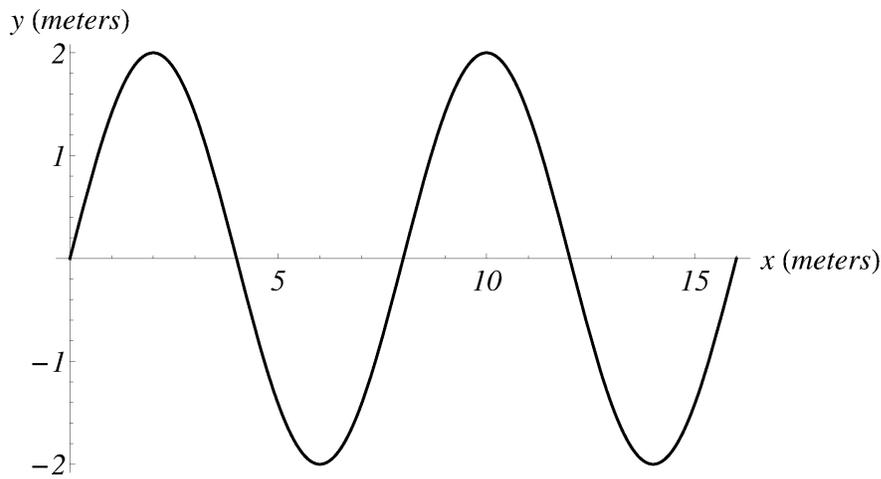
## Prelab 4: Transverse Standing Waves

PHYS 1320

Fall 2019

*Due at the beginning of class.*

1) The diagram below shows a snapshot of a vibrating string taken at time  $t = 0$  seconds.



- What is the wavelength?
- What is the Amplitude?
- If  $T$  is the period of oscillation, sketch a snapshot of the wave one half period later, at  $t = T/2$ .

