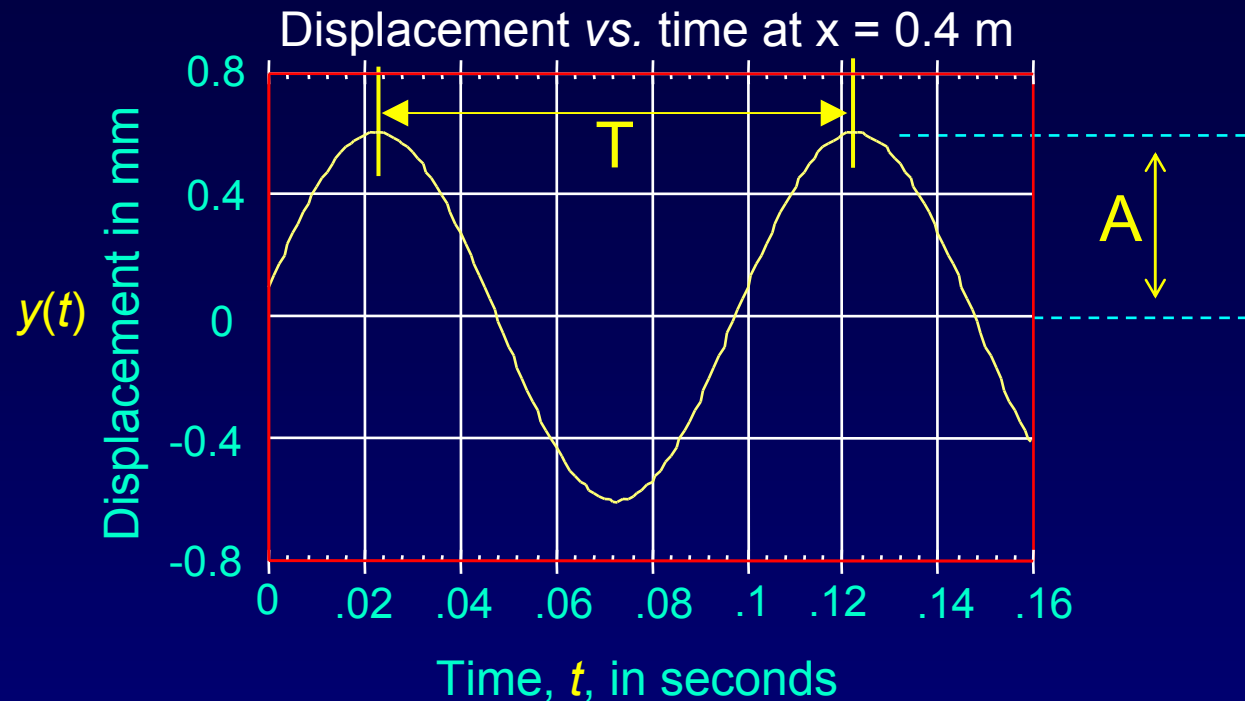


Solution



What is the amplitude, A , of this wave? $A = 0.6$ mm

What is the period, T , of this wave? $T = 0.1$ s

If this wave moves with a velocity $v = 18$ m/s,
what is the wavelength, λ , of the wave?

$$v = f\lambda = \lambda/T$$

$$\lambda = vT = 1.8$$
 m

Note that λ is not displayed in a graph of $y(t)$.