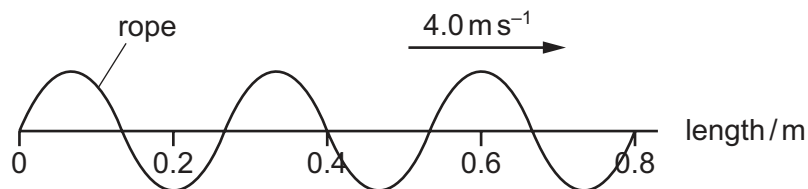


- 22** A vibration generator produces a progressive wave on a rope. The diagram shows the rope at one instant. The wave travels at a speed of  $4.0 \text{ m s}^{-1}$ .



What are the wavelength and the frequency of the wave?

	wavelength / m	frequency / Hz
<b>A</b>	0.13	15
<b>B</b>	0.13	30
<b>C</b>	0.27	15
<b>D</b>	0.27	30