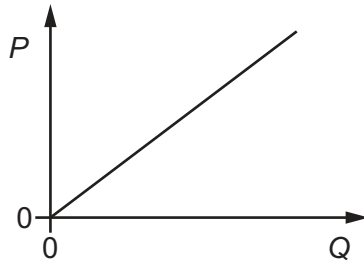


**21** The graph shows the variation of a quantity  $P$  with a quantity  $Q$  for a sound wave travelling in air.



What could  $P$  and  $Q$  be?

	$P$	$Q$
<b>A</b>	amplitude	intensity
<b>B</b>	frequency	wavelength
<b>C</b>	speed	frequency
<b>D</b>	wavelength	period

**22** A vibration generator produces a progressive wave on a rope. The diagram shows the rope at