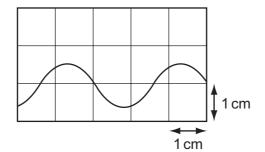
25 A cathode-ray oscilloscope (c.r.o.) is used to display the trace from a sound wave. The time-base is set at  $5\,\mu\text{s}\,\text{mm}^{-1}$ .



What is the frequency of the sound wave?

- **A** 6.7 Hz
- **B** 67 Hz
- **C** 6.7 kHz
- **D** 67 kHz
- **26** A wave pulse moves along a stretched rope in the direction shown.



Which diagram correctly shows the variation with time t of the displacement s of the particle P in the rope?

