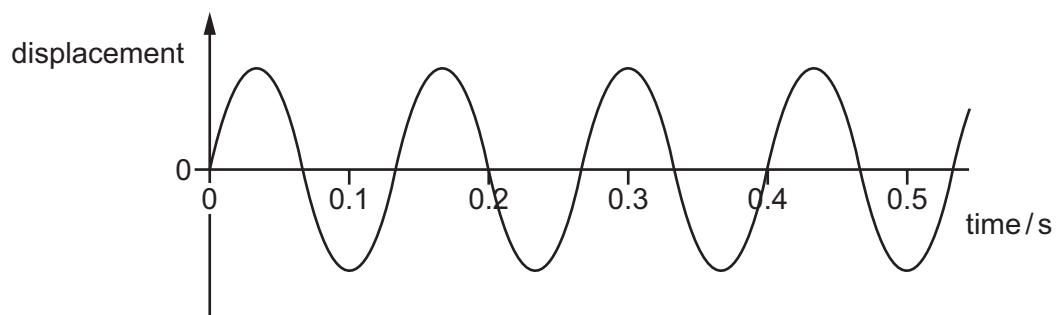


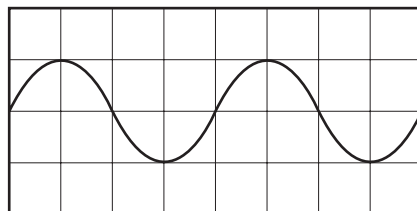
- 23** A wave travels along a coiled spring.

The graph shows the variation with time of the displacement of a point on the spring.



What is the frequency of the wave?

- A** 0.13 Hz      **B** 0.20 Hz      **C** 5.0 Hz      **D** 7.5 Hz
- 24** An electrical signal is displayed on a cathode-ray oscilloscope (c.r.o.).



The time-base setting is  $50 \text{ ms div}^{-1}$ .

The Y-gain setting is  $2 \text{ V div}^{-1}$ .

What is the amplitude of the signal?

- A** 2 V      **B** 4 V      **C** 5 V      **D** 10 V