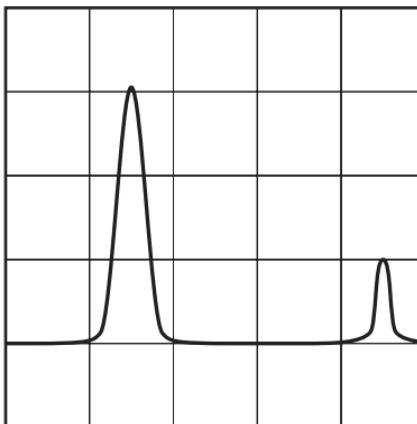


- 4** A cathode-ray oscilloscope (c.r.o.) displays a waveform as shown.



The time interval between two adjacent peaks of the waveform is 0.006 s.

What is the time-base setting of the c.r.o.?

- A** $2\text{ }\mu\text{s}/\text{division}$
- B** $20\text{ }\mu\text{s}/\text{division}$
- C** $2\text{ ms}/\text{division}$
- D** $3\text{ ms}/\text{division}$

- 5** A value for the acceleration of free fall on Earth is given as $(10 \pm 2)\text{ m s}^{-2}$