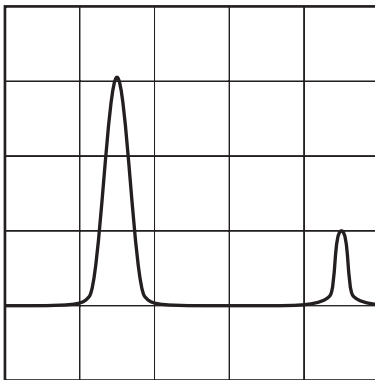


- 4 A cathode-ray oscilloscope (c.r.o.) displays a waveform as shown.



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**  $2\ \mu\text{s}/\text{division}$
- B**  $20\ \mu\text{s}/\text{division}$
- 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  $(10 \pm 2)\text{ms}^{-2}$