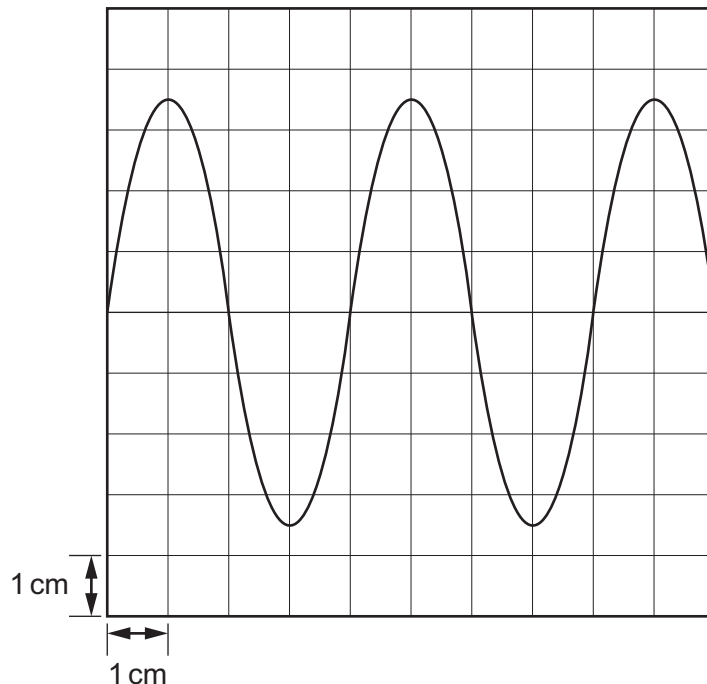


- 25** A sound wave is detected by a microphone and displayed on the screen of a cathode-ray oscilloscope (CRO).



The frequency of the wave is 2.5 kHz.

What is the setting on the time-base of the CRO?

- A** 0.1 ms cm^{-1} **B** 0.4 ms cm^{-1} **C** 0.1 s cm^{-1} **D** 0.4 s cm^{-1}

- 26** A sinusoidal wave is shown with a constant frequency. The time taken for the wave to travel a distance of 10 m is 0.02 s.