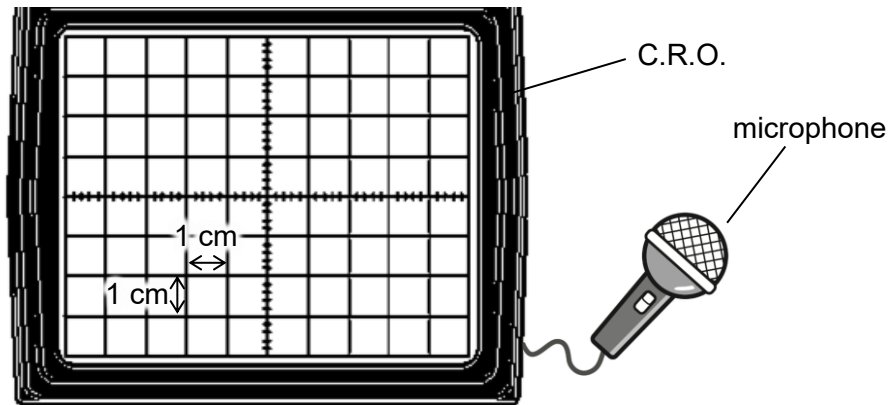


- 11 A student is investigating the frequency of a sound wave by using a microphone connected to a cathode-ray oscilloscope (C.R.O.) as shown below.



The frequency of the sound is 2 kHz.

Which time-base setting on the oscilloscope will be appropriate?

- A** 10 ms cm<sup>-1</sup>      **B** 0.1 ms cm<sup>-1</sup>      **C** 1 μs cm<sup>-1</sup>      **D** 10 ns cm<sup>-1</sup>

