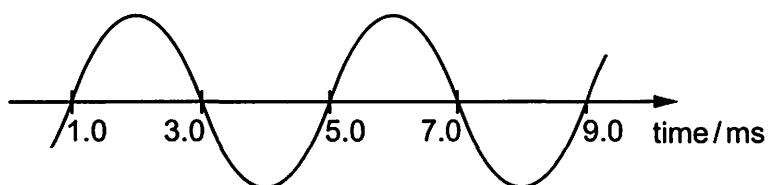


- 18 A microphone is connected to a cathode-ray oscilloscope (c.r.o.) and then placed in a standing sound wave of constant frequency.

The appearance of the c.r.o. trace is shown.



What is the separation of maxima in the stationary wave? Speed of sound in air = 330 ms^{-1} .

- A 0.33 m B 0.66 m C 1.32 m D 2.64 m