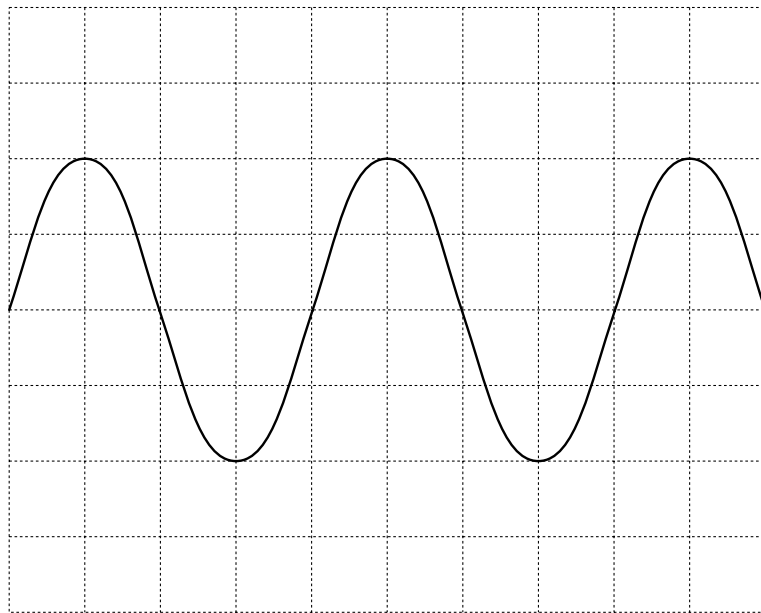


- 26** The diagram shows a cathode-ray oscilloscope trace of a sound wave. The time-base is calibrated at 2.0 ms cm^{-1} .



What is the frequency of the sound wave?

- A** 62.5 Hz **B** 125 Hz **C** 250 Hz **D** 500 Hz

- 27** Which statement correctly relates the intensity of a sound wave to the vibrations of the molecules?