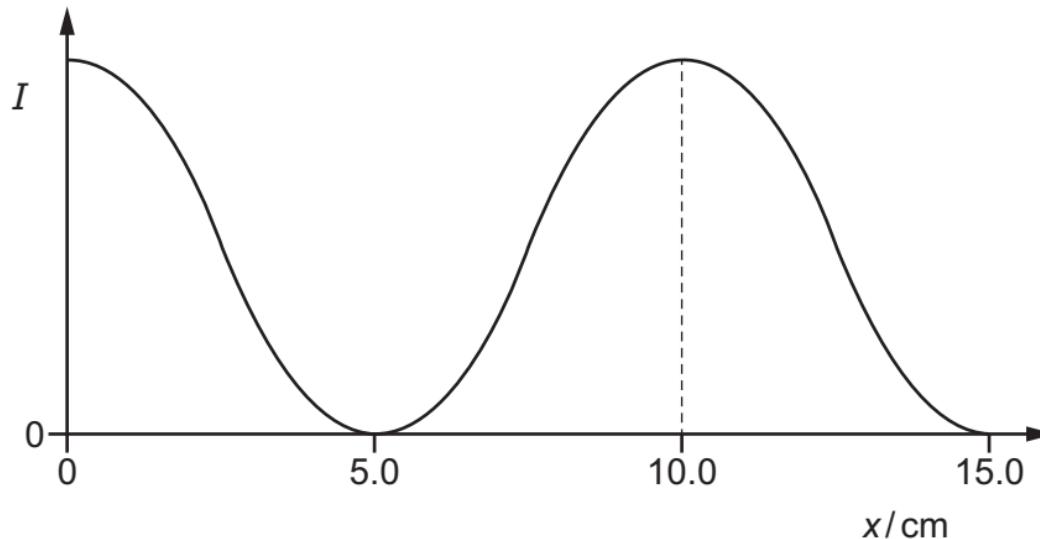


- 27 The variation with distance x of the intensity I along a stationary sound wave in air is shown by the following graph.



The speed of sound in air is 340 ms^{-1} .

What is the frequency of the sound wave?

- A** 1700 Hz **B** 2270 Hz **C** 3400 Hz **D** 6800 Hz

- 28 Plane wavefronts in a ripple tank pass through a gap as shown