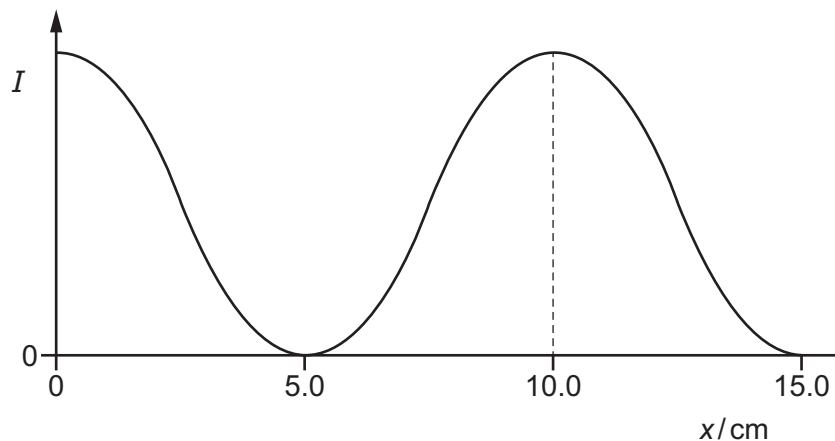


**26** The variation with distance  $x$  of the intensity  $I$  along a stationary sound wave in air is shown.



The speed of sound in air is  $340 \text{ m s}^{-1}$ .

What is the frequency of the sound wave?

- A** 1700 Hz      **B** 2300 Hz      **C** 3400 Hz      **D** 6800 Hz