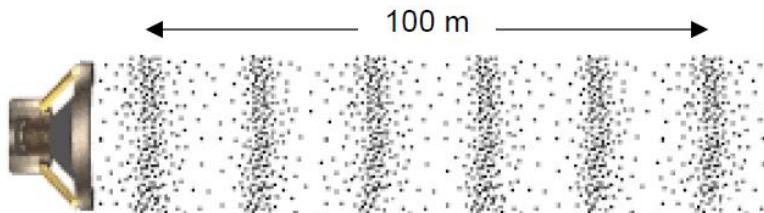


- 17** The diagram illustrates the relative positions of particles in a medium as a sound wave from the speaker on the left propagates through it.

The speed of the wave is  $350 \text{ m s}^{-1}$ .



What is the frequency of the wave?

- A**  $8.8 \text{ Hz}$       **B**  $18 \text{ Hz}$       **C**  $36 \text{ Hz}$       **D**  $540 \text{ Hz}$