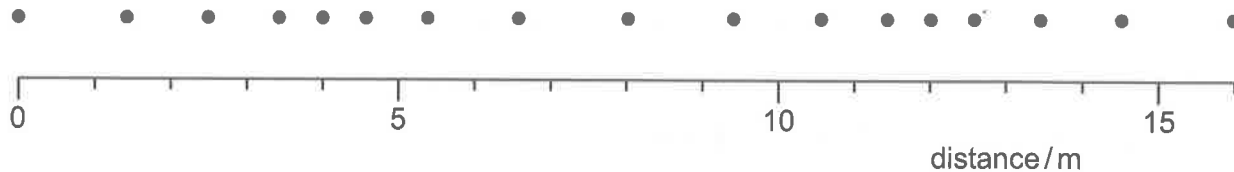


18 Remark added for OCR purpose

The diagram illustrates the position of particles along a longitudinal wave at an instant in time.



The wave travels at a speed of  $12 \text{ m s}^{-1}$ .

What is the wave frequency?

**A** 0.33 Hz

**B** 0.67 Hz

**C** 1.5 Hz

**D** 3.0 Hz