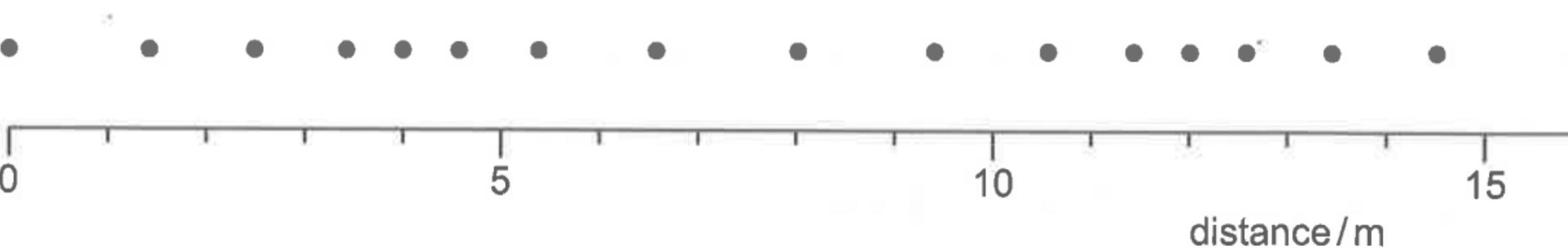


18 Remark added for OCR purpose

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



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

What is the wave frequency?

A  $0.33 \text{ Hz}$

B  $0.67 \text{ Hz}$

C  $1.5 \text{ Hz}$

D  $3.0 \text{ Hz}$