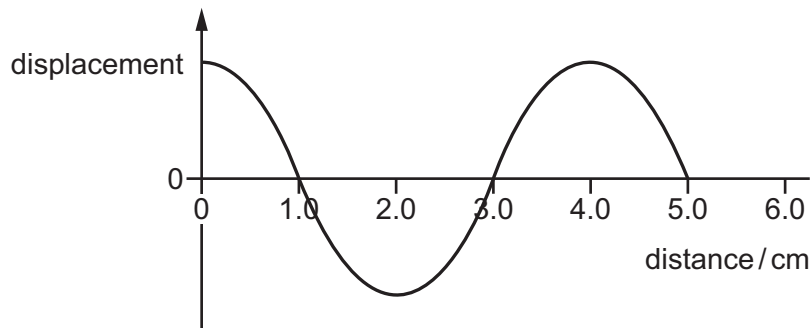


- 24** The graph shows the variation of the displacement with distance for a progressive wave at one instant in time.



The period of the wave is 91 ms.

What can be determined about the wave?

- A** It has a velocity of 0.44 m s^{-1} and a frequency of 11 Hz.
- B** It has a velocity of 0.55 m s^{-1} and a wavelength of 5.0 cm.
- C** It is longitudinal and has a frequency of 11 Hz.
- D** It is transverse and has a wavelength of 4.0 cm.