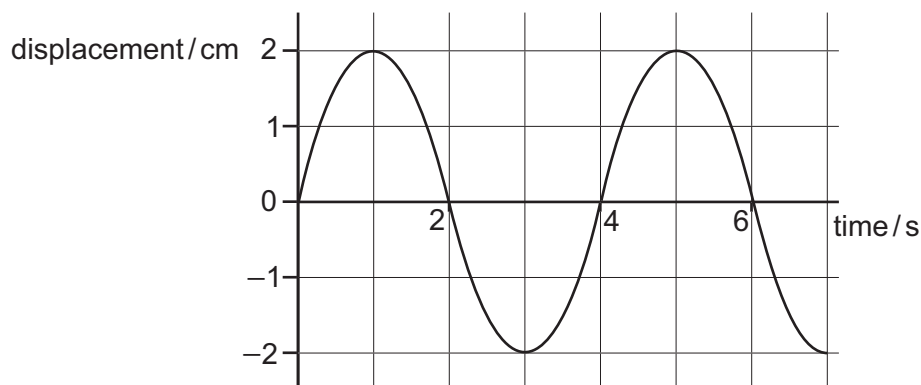


23 The graph shows how the displacement of a particle in a wave varies with time.

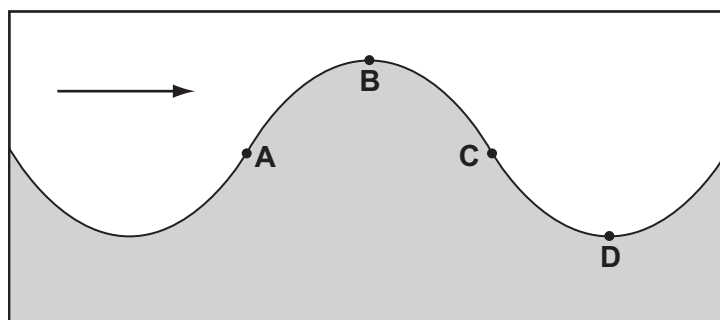


Which statement is correct?

- A** The wave has an amplitude of 2 cm and could be either transverse or longitudinal.
- B** The wave has an amplitude of 2 cm and must be transverse.
- C** The wave has an amplitude of 4 cm and could be either transverse or longitudinal.
- D** The wave has an amplitude of 4 cm and must be transverse.

24 The diagram shows a vertical cross-section through a water wave moving from left to right.

At which point is the water moving upwards with maximum speed?



Space for working