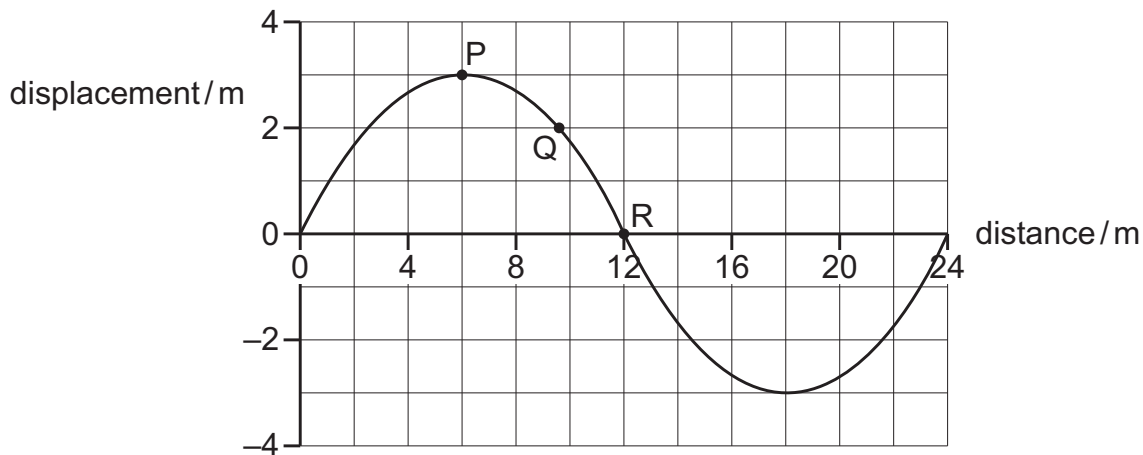


- 24 The graph shows the variation with distance along the wave of the displacement of water particles at a particular instant in time for a transverse water wave.



P, Q and R show the positions of three water particles in the wave.

Which particle has the greatest speed at the instant shown?

- A all have the same speed
- B particle P
- C particle Q
- D particle R