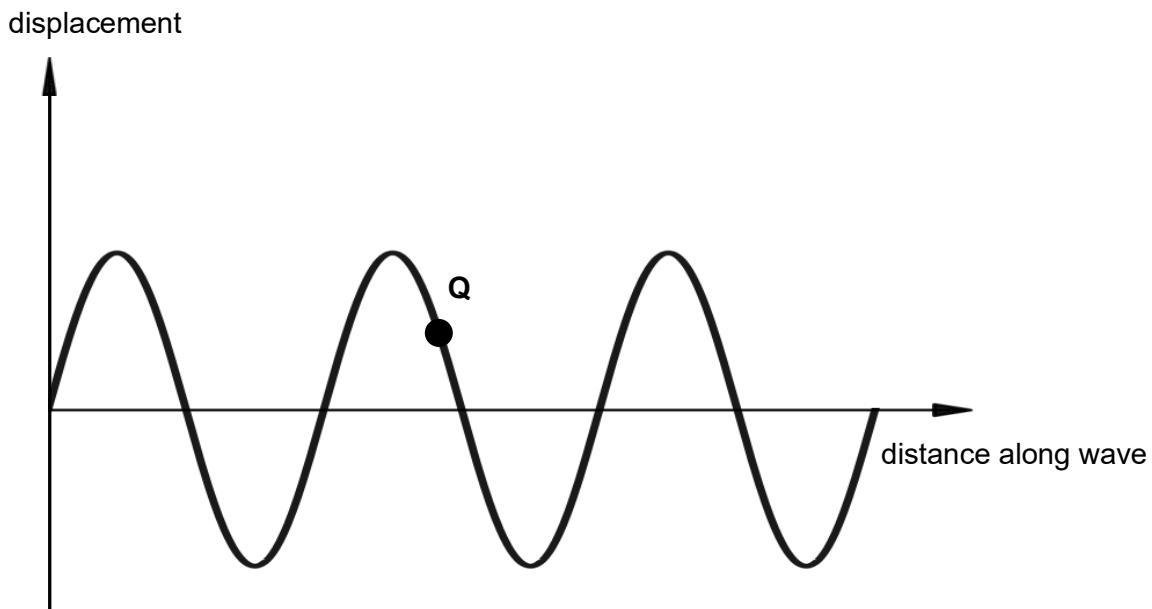


- 17 The graph shows the shape at a particular instant of part of a transverse wave. Point Q is displaced upwards but is moving downwards. Point P is  $\frac{7}{4}$  of a wavelength away from point Q. The wave moves leftwards and travels from P to Q.



Which of the following statements about the displacement and direction of velocity of P is correct?

- A P is displaced upwards and moving upwards.
- B P is displaced upwards and moving downwards.
- C P is displaced downwards and moving downwards.
- D P is displaced downwards and moving upwards.