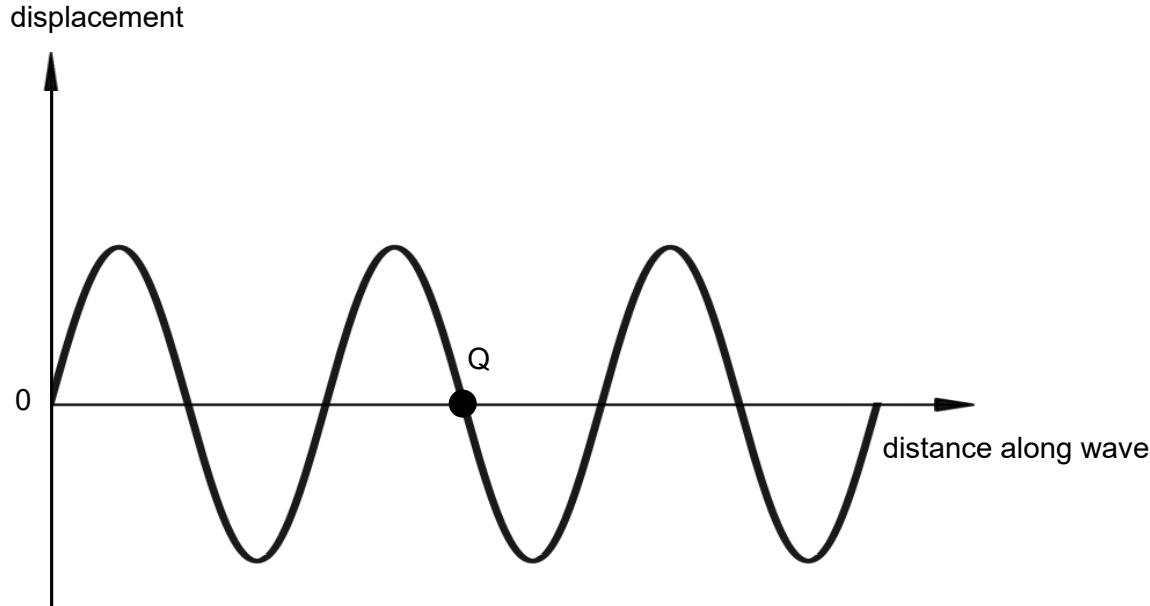


- 15 This diagram shows the displacement-distance graph of a transverse wave at time,  $t = 0$ . Taking upwards as positive, point Q is a point on the wave and is travelling downwards at  $t = 0$ . Another point P is  $\frac{7}{8}$  of a wavelength from point Q.



Which of the following descriptions shows a possible displacement and direction of velocity of point P?

	displacement	direction of velocity
A	positive	positive
B	positive	0
C	0	negative
D	negative	negative