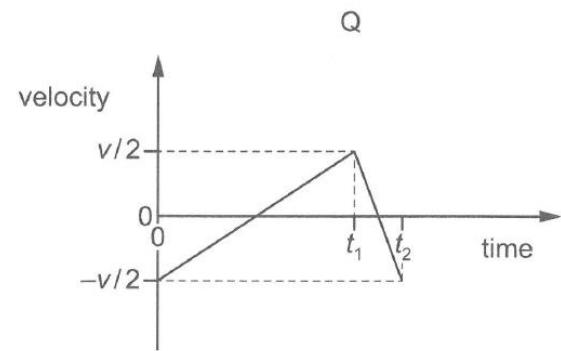
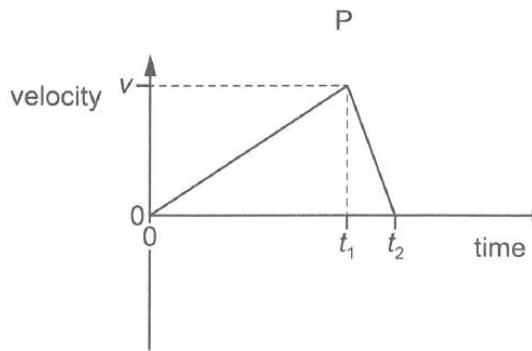


- 3 The motions of two objects P and Q along a straight line are shown in the following velocity-time graphs.



How do the magnitudes of the displacement and the total distance travelled compare for the two objects from time 0 to time  $t_2$ ?

	displacement	distance
<b>A</b>	different	different
<b>B</b>	different	same
<b>C</b>	same	different
<b>D</b>	same	same