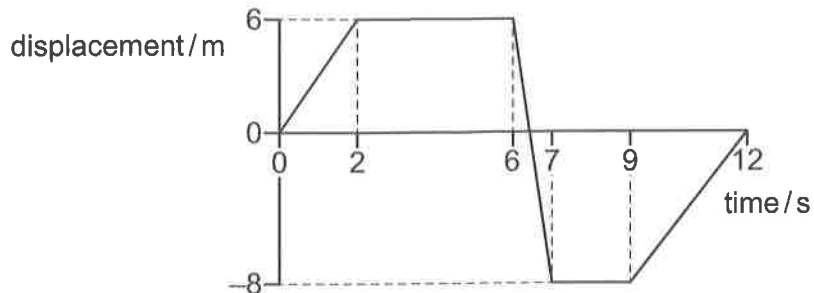


- 7 A displacement–time graph for an object moving in a straight line, is shown.



What are the correct values for the distance travelled and the displacement at the end of the 12 second interval shown?

	distance travelled / m	displacement / m
A	28	0
B	65	28
C	65	0
D	0	14

- 8 A ball of mass 0.240 kg hits a wall perpendicularly with speed of 2.40 m s^{-1}