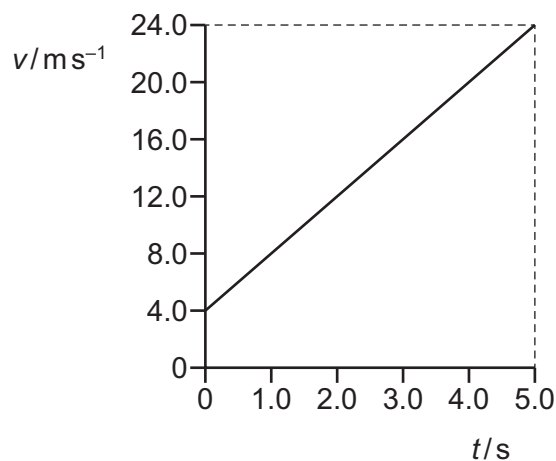


- 7 The graph shows the variation of velocity v with time t for an object.



The object passes a fixed point at time $t = 0$.

What is the displacement of the object from the fixed point at time $t = 5.0$ s and what is the acceleration of the object?

	displacement /m	acceleration / ms^{-2}
A	60	4.0
B	70	4.0
C	60	4.8
D	70	4.8

- 8 A skydiver jumps from an aeroplane and falls vertically through the air.

Which graph shows the variation with time t of the skydiver's vertical velocity v ?

