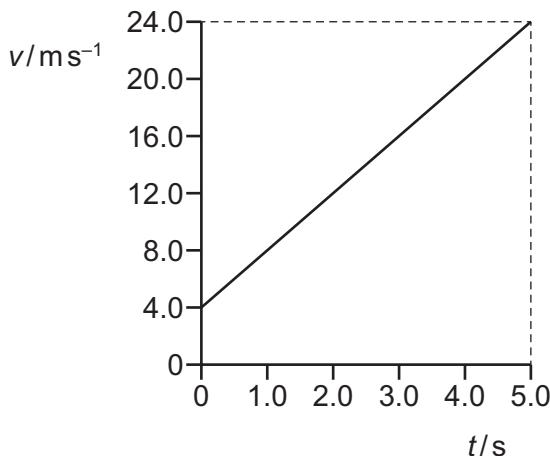


- 7 The graph shows the variation of velocity v with time t for an object.



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

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

	displacement $/\text{m}$	acceleration $/\text{m s}^{-2}$
A	60	4.0
B	70	4.0
C	60	4.8
D	70	4.8