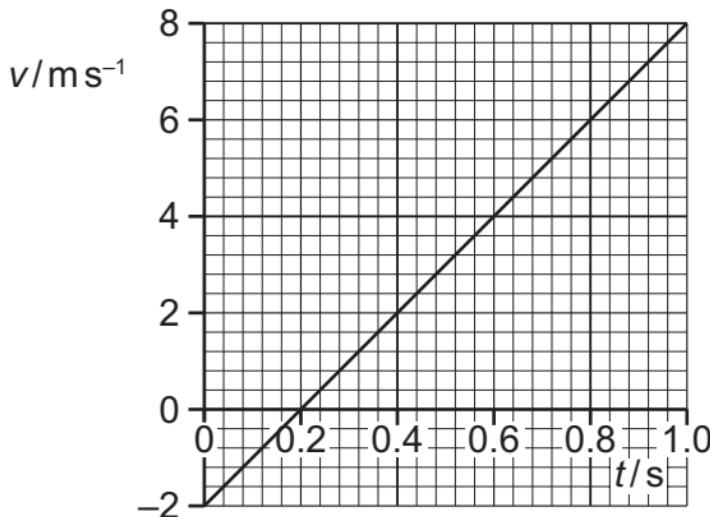


- 6 An object moves in a straight line. The graph shows the variation with time t of the velocity v of the object.



At time $t = 0$ the object is at point X.

What is the displacement of the object from point X at time $t = 0.80\text{ s}$?

A 1.6 m

B 1.8 m

C 2.0 m

D 3.2 m