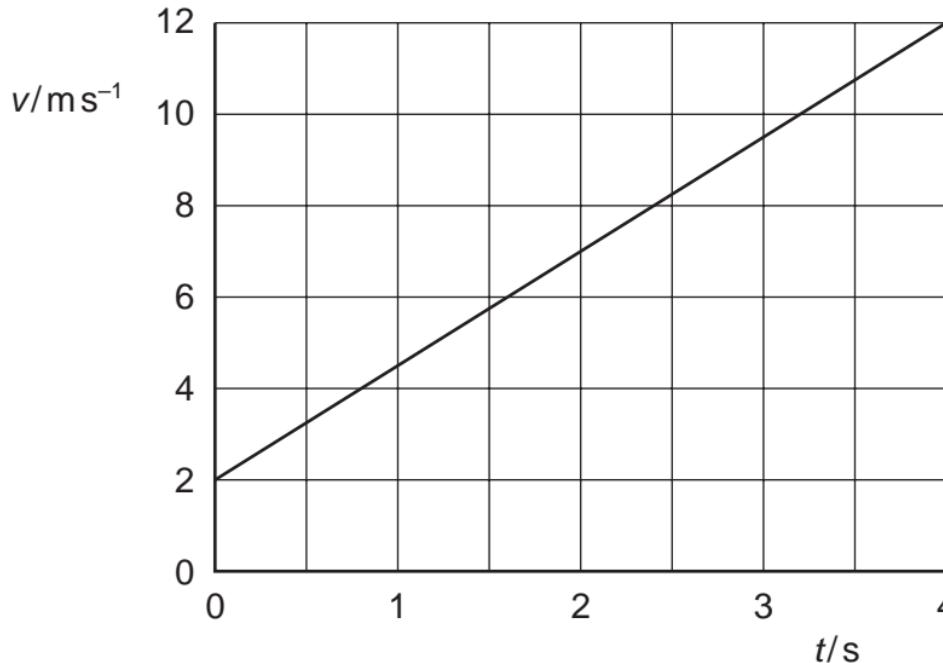


- 8 The diagram shows a velocity-time graph for a car.



What is the distance travelled between time  $t = 0$  and  $t = 4 \text{ s}$ ?

**A**  $2.5\text{ m}$

**B**  $3.0\text{ m}$

**C**  $20\text{ m}$

**D**  $28\text{ m}$

- 9 A projectile is launched at point Q and follows the path QPQRS, as shown. Air resistance may be