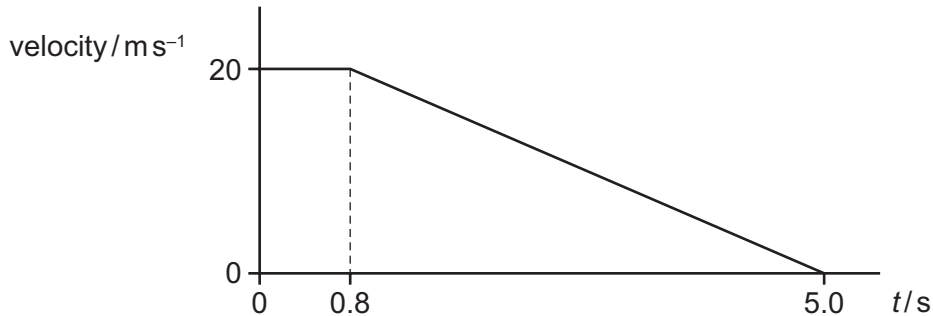


- 8 A car is travelling at constant velocity. At time $t = 0$, the driver of the car sees an obstacle in the road and then brakes to a halt. The graph shows the variation with t of the velocity of the car.



How far does the car travel in the 5.0 s after the driver sees the obstacle?

- A** 16 m **B** 42 m **C** 58 m **D** 84 m