

- 3 A car moves with uniform acceleration along a straight road. Oil leaks from the car at the rate of one drop every two seconds. The diagram shows the distances between three successive oil drops on the road.



What is the acceleration of the car?

- A**  $0.38 \text{ m s}^{-2}$       **B**  $0.75 \text{ m s}^{-2}$       **C**  $2.6 \text{ m s}^{-2}$       **D**  $5.3 \text{ m s}^{-2}$