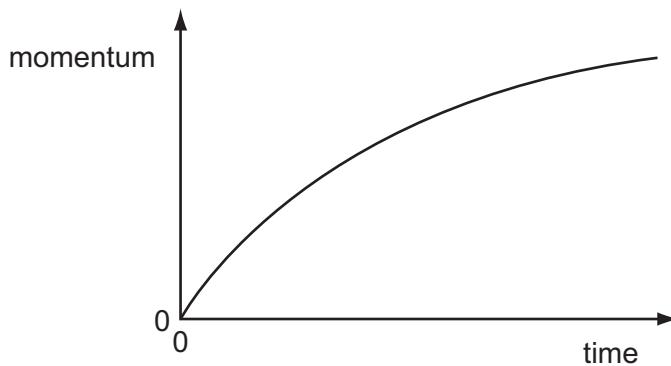


11 A car accelerates from rest. The graph shows the momentum of the car plotted against time.



What is the meaning of the gradient of the graph at a particular time?

- A the resultant force on the car
- B the velocity of the car
- C the kinetic energy of the car
- D the rate of change of kinetic energy of the car

Space for working