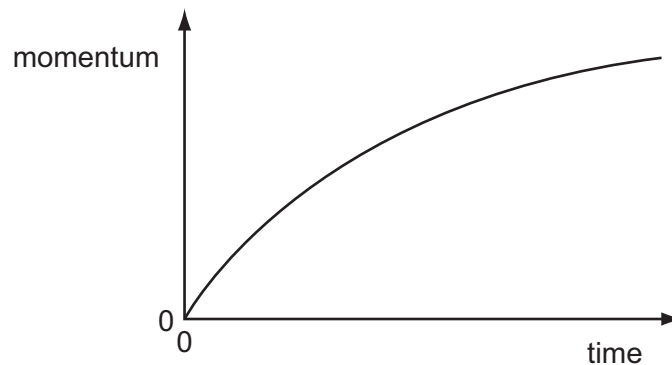


**11** A car accelerates from rest. The graph shows the momentum of the car plotted against time.



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**