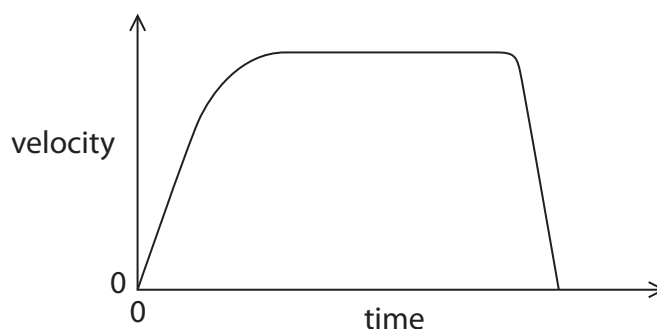


Answer ALL questions.

- 1 A toy car rolls down a ramp and hits a cushion.

The graph shows how its velocity changes with time.



- (a) Constant velocity on the graph is shown by

(1)

- ☐ A the area under the line
- ☐ B the horizontal part of the line
- ☐ C the sloping line at the end
- ☐ D the sloping line at the start

- (b) The distance travelled is shown by

(1)

- ☐ A the area under the line
- ☐ B the horizontal part of the line
- ☐ C the sloping line at the end
- ☐ D the sloping line at the start

- (c) The average velocity of the toy car is given by

(1)

- ☐ A the change in velocity divided by the time taken
- ☐ B the distance moved divided by the time taken
- ☐ C the time taken divided by the change in velocity
- ☐ D the time taken divided by the distance moved

(Total for Question 1 = 3 marks)

