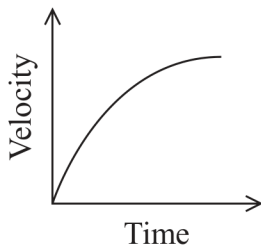


- 10 Some students were shown a velocity-time graph for the motion of an object falling through a liquid.



The students suggested possible explanations for the decrease in gradient of the graph.

Which explanation could be a reason for the gradient of the graph decreasing?

- ☐ A The drag force increases.
- ☐ B The gravitational force increases.
- ☐ C The temperature of the liquid increases.
- ☐ D The upthrust on the object decreases.

(Total for Question 10 = 1 mark)