Combined Science - Physics - Key Stage 4 - Forces

Velocity-Time Graphs

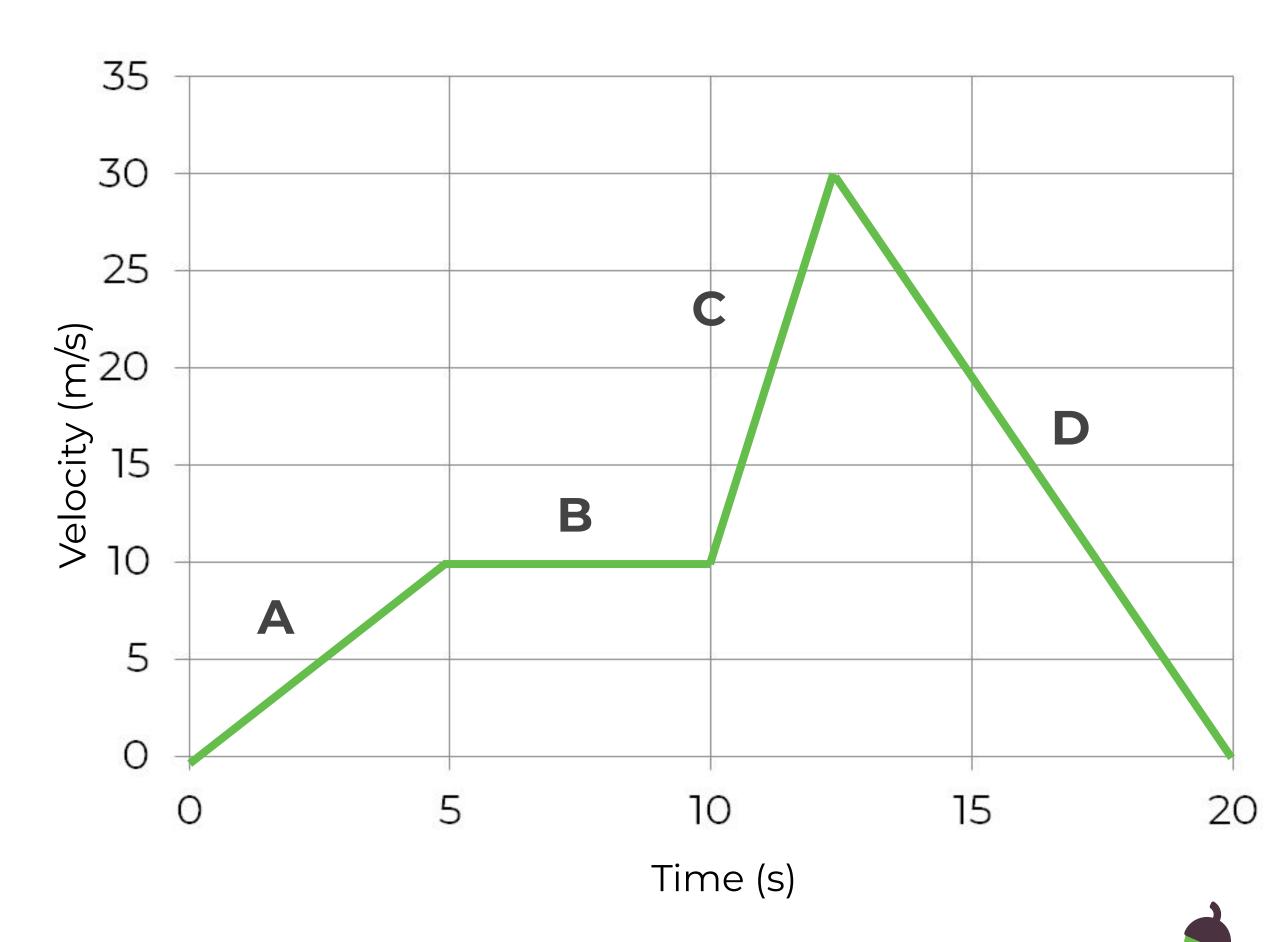


1) Identify what each area represents on the graph: A & C:

B:

D:

- 2) How many times did the object accelerate?
- 3) At what point is the object accelerating quickest?
- 4) How long did the object remain at a constant velocity?

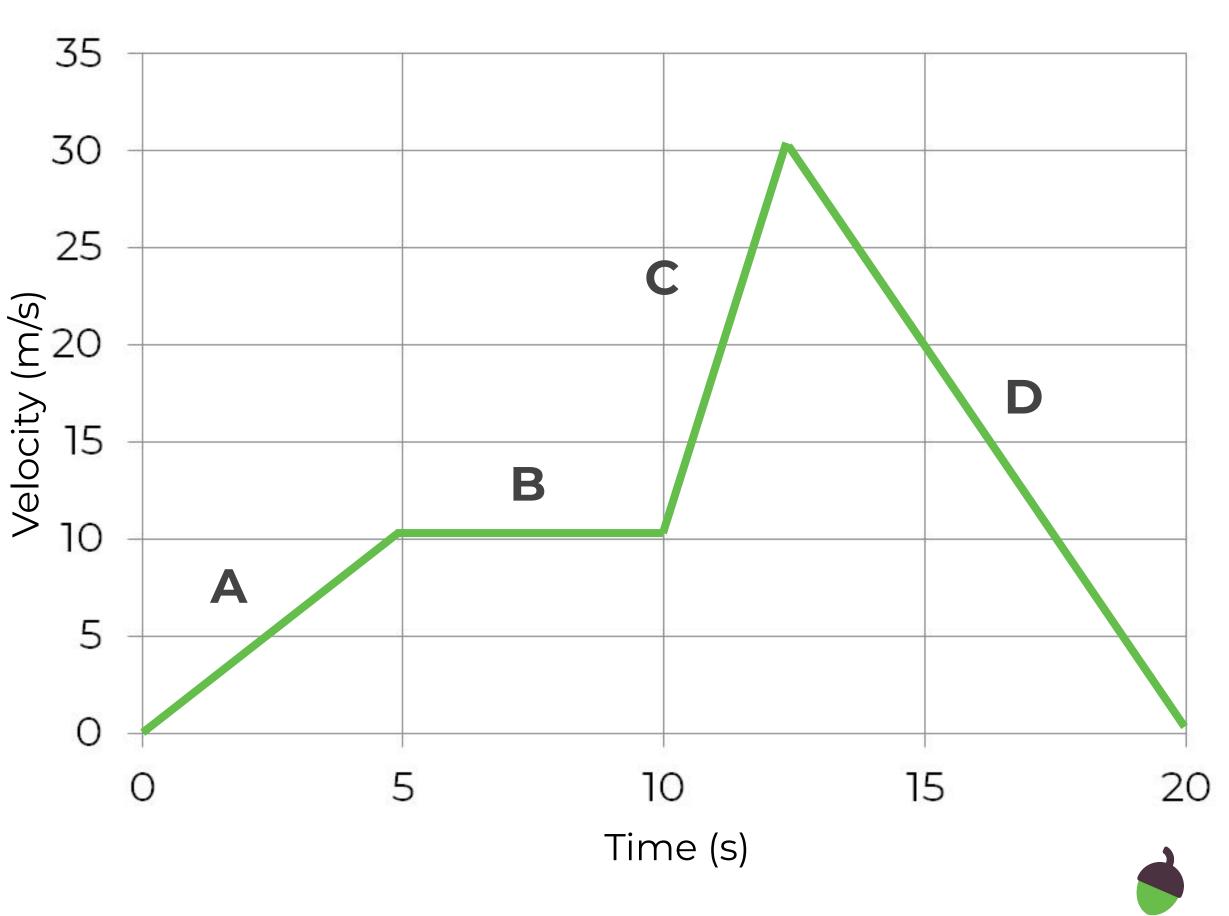


Calculating Acceleration - You Do

1) Calculate the acceleration of A.

2) Calculate the acceleration of C.

3) Calculate the deceleration of D.



HT ONLY - Independent Practice

1) Calculate the distance travelled at points A and B.

