

# Calculate speed from distance-time graphs

Maths

Mr Clasper



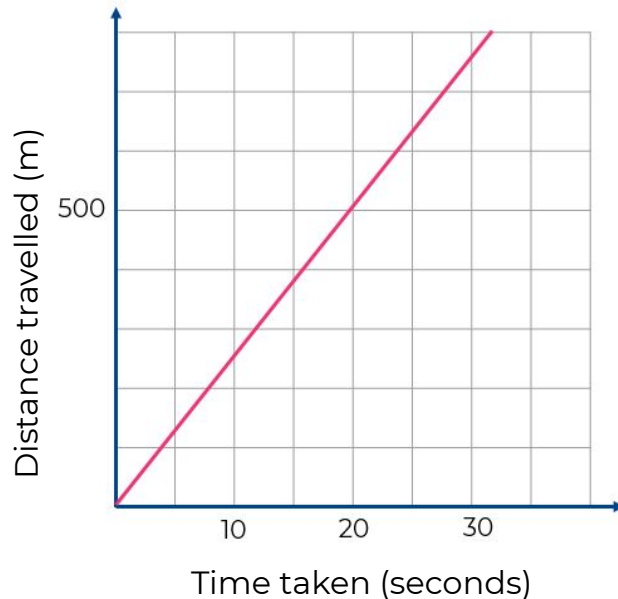
# Calculate speed from distance-time graphs

1. Work out the speed for each of the following distance time graphs.

(a)



(b)



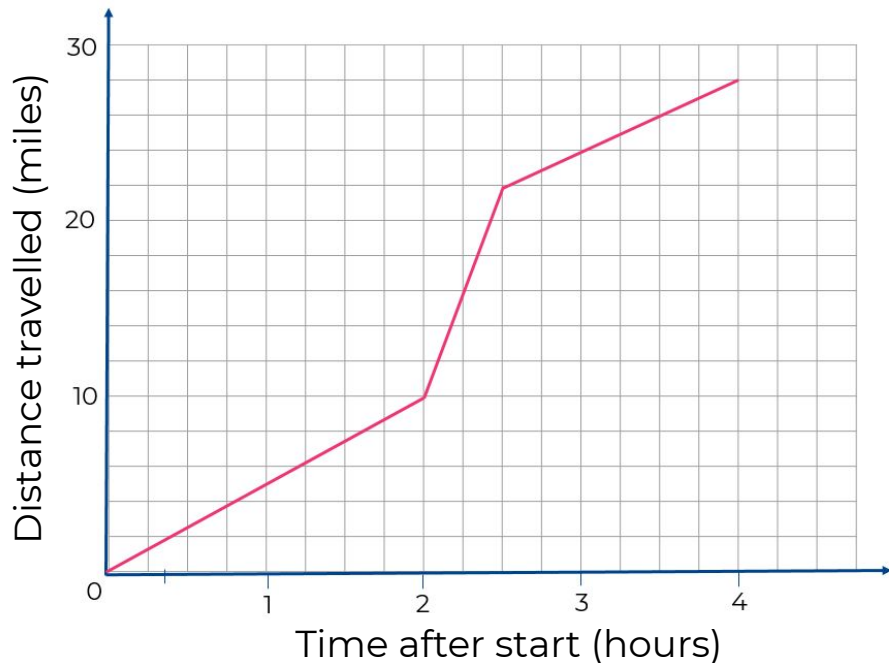
# Calculate speed from distance-time graphs

2. Here is Meghan's journey.

(a) Work out the speed of each of the different parts of the journey.

(b) Which section is fastest? Can you tell without working it out?

(c) Work out the average speed for the whole journey.



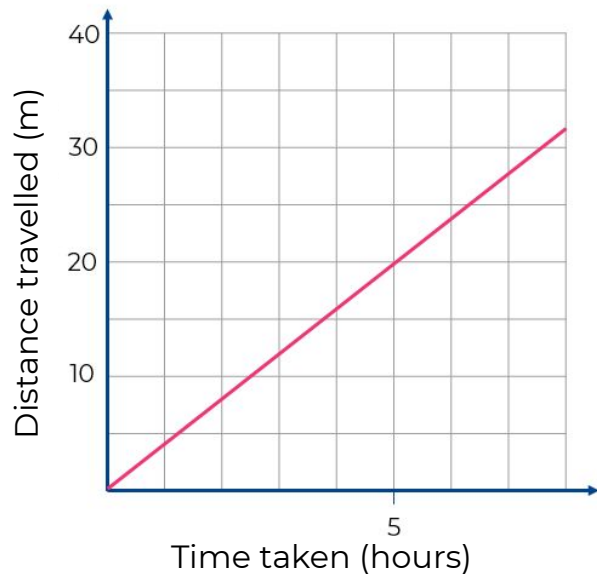
# Answers



# Calculate speed from distance-time graphs

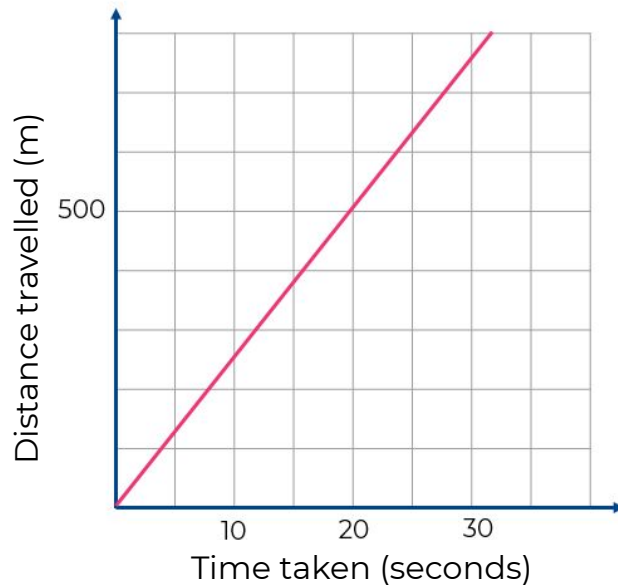
1. Work out the speed for each of the following distance time graphs.

(a)



4 m/h

(b)



25 m/s



# Calculate speed from distance-time graphs

2. Here is Meghan's journey.

(a) Work out the speed of each of the different parts of the journey.

(b) Which section is fastest? Can you tell without working it out?

Middle section. It is the steepest.

(c) Work out the average speed for the whole journey.

7 mph

