

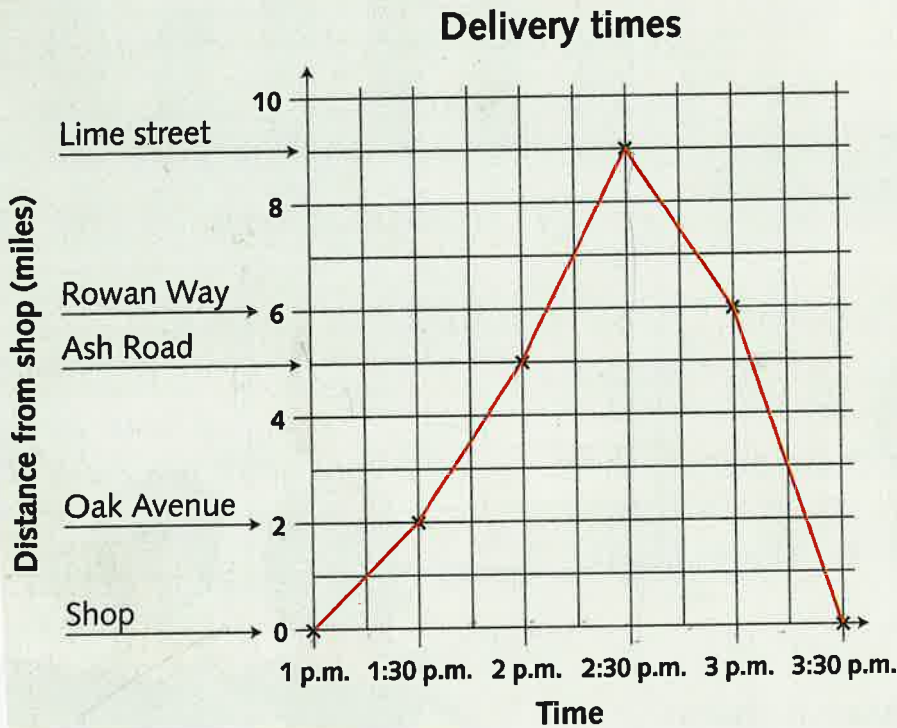
Travel time graphs

Solve problems using data presented in simple time graphs



Challenge

David delivers groceries for his online customers. The time graph shows his journey.



- 1 **a** Where did David deliver his first order?
b At what time was this?
- 2 When did he make a delivery to:
 - a** Lime Street?
 - b** Rowan Way?
- 3 To which address did he deliver the groceries at 2 p.m.?
- 4 **a** How far is it from the shop to Ash Road?
b How far is it from Rowan Way to the shop?
- 5 About how many miles from the shop was David at 3:15 p.m.?

Nicola's family is on holiday in Scotland.

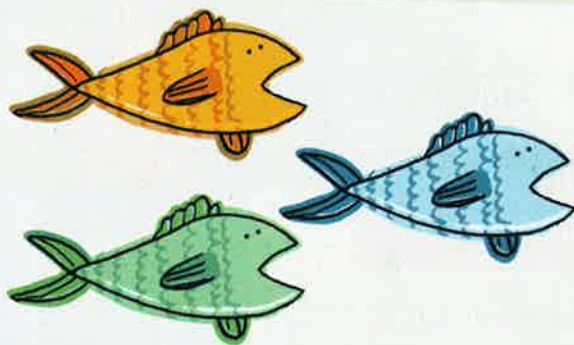
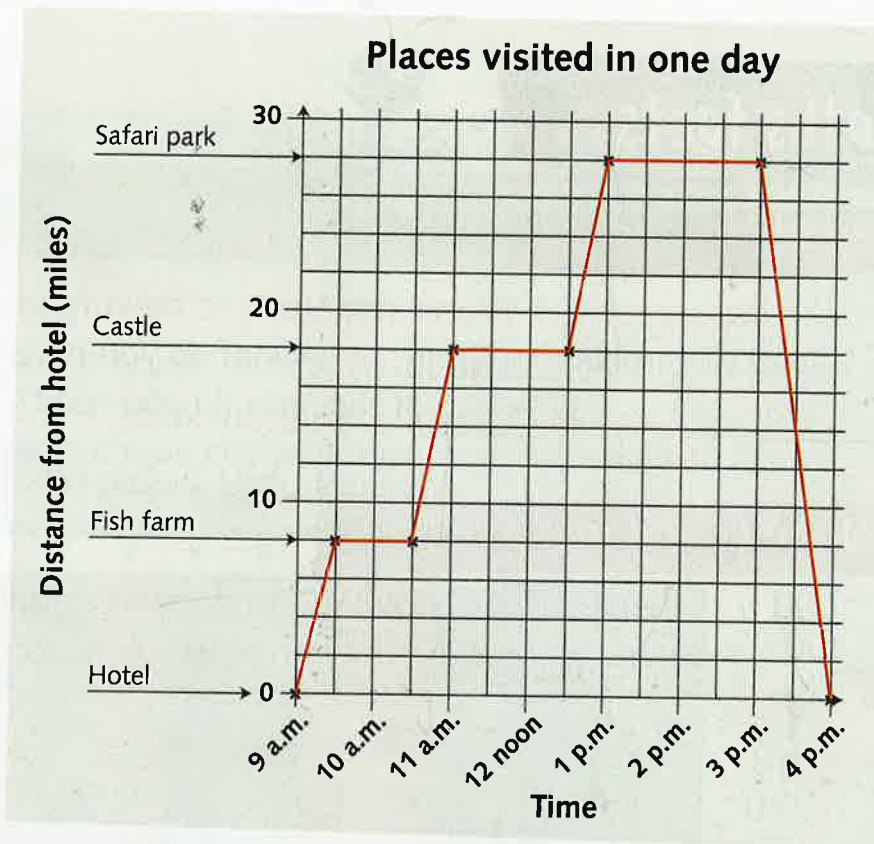
The time graph shows how they spent one of their days.

- 1 The family reached the fish farm at 9:30 a.m.
 - a How far had they driven from the hotel?
 - b How long did they spend there?

- 2 Write the time when they reached:
 - a the castle
 - b the safari park

- 3 How far is the safari park from:
 - a the fish farm?
 - b the hotel?

- 4 How many minutes longer was their stay at the safari park than at the castle?
- 5 How long did it take to drive from the safari park back to the hotel?
- 6 About how many miles from the hotel were they at 3:30 p.m.?
- 7 How many hours altogether were spent on visits to the fish farm, the castle and the safari park?



You will need:

- 1 cm squared paper
- ruler
- or
- Line Grapher tool



Using the Line Grapher tool or squared paper and a ruler, draw a graph which shows that the family visited the safari park in the morning and the castle and fish farm in the afternoon.