Distance-time graphs

Maths

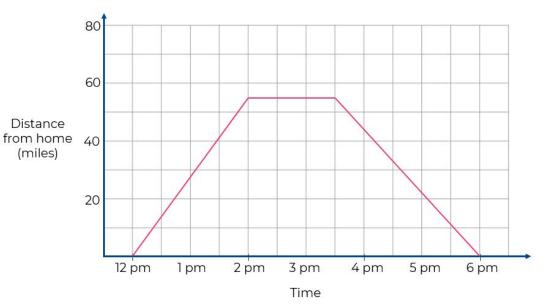Mr Clasper

Distance-time graphs

1. Yasmin is driving on a straight r[...]
The graph opposite shows her journey.
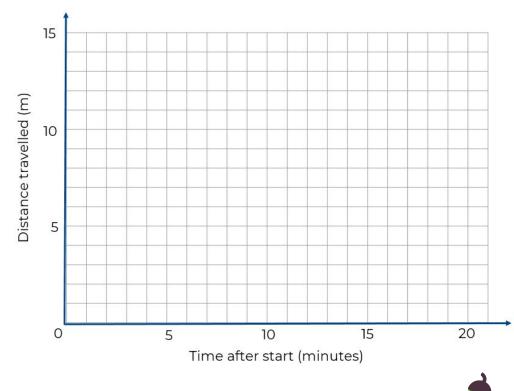
a) How far did she travel after 2 hours?

b) How far from home was she at 4.30pm?

c) How long was she stopped?

d) How long did the journey take?

e) What is the total distance Yasmin drives

Distance-time graphs

2. Draw a graph to represent the following journey.

- A tortoise walks 10 m in 7 minutes.
- He then pauses for 6 minutes.
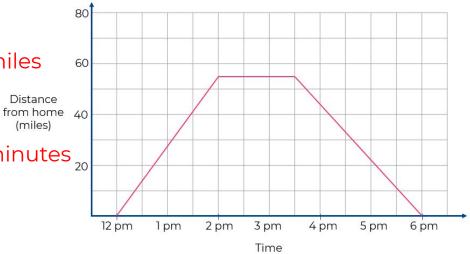- He then walks a further 4 m in 5 minutes.
- He stops and rests.

Answers

Distance-time graphs

1. Yasmin is driving on a straight road.
The graph opposite shows her journey.

a) How far did she travel after 2 hours? 55 miles

b) How far from home was she at 4.30pm?   33 miles

c) How long was she stopped?   1 hour 30 minutes

d) How long did the journey take?   6 hours

e) What is the total distance Yasmin drives?   110 miles

Distance-time graphs

2. Draw a graph to represent the following journey.

- A tortoise walks 10 m in 7 minutes.
- He then pauses for 6 minutes.
- He then walks a further 4 m in 5 minutes.
- He stops and rests.