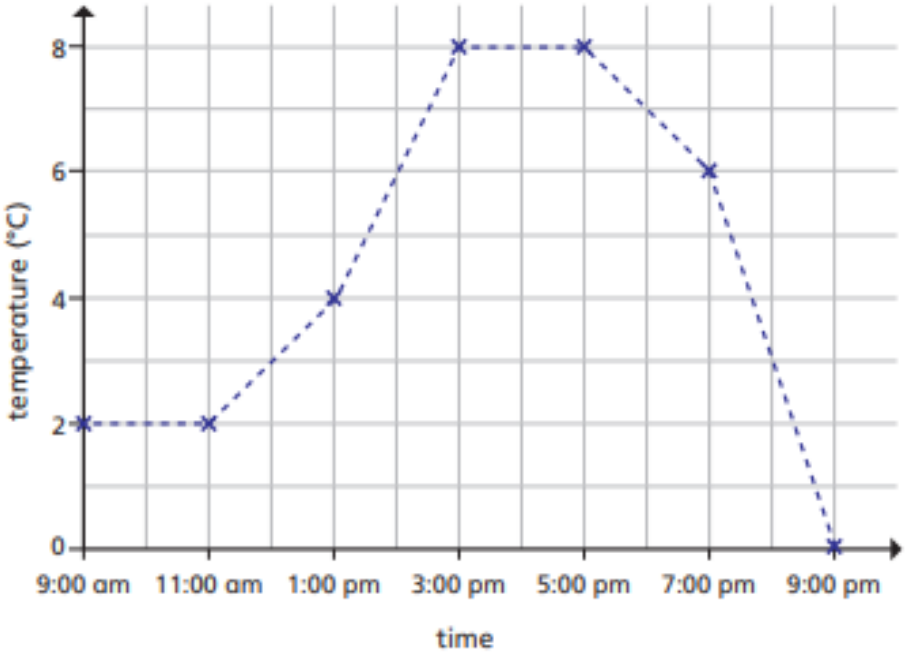
I do

1 The graph shows the temperature in Birmingham on one day.



a) What was the temperature at 1:00 pm?

b) What was the difference in temperature between 11:00 am and 1:00 pm?

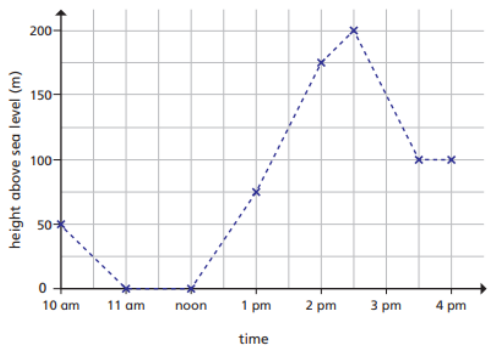
c) Between which times was the temperature increasing?

d) How often was the temperature recorded?

you do

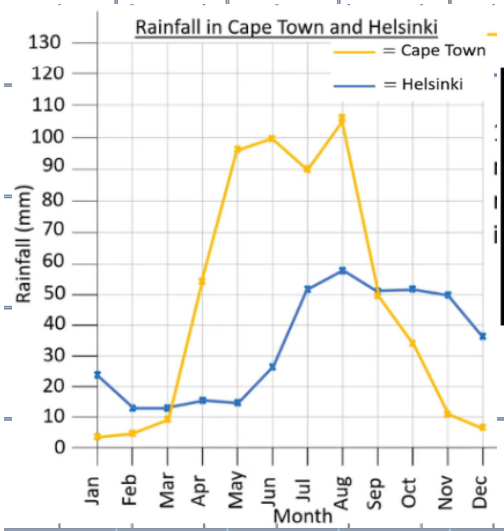
Aisha goes for a walk.

The graph shows the height above sea level during her walk.



Complete in books.

a) What was the height above sea level where Aisha was walking at 2 pm?
b) At what time in Aisha's walk was she standing 200 m above sea level?
c) Part of the walk was along a beach. Between which times did Aisha walk along the beach? How do you know?
d) Did the walk start and finish in the same place? Explain how you know.



a) In which month is rainfall closest in both cities?
b) In which two months is rainfall the same in Helsinki?
c) In how many months is there more than 90 mm of rainfall in Cape Town?
d) How much more rainfall is there in Helsinki than Cape Town in October?
e) There is more rainfall in Helsinki in 7 out of 12 months so Helsinki receives more rainfall in a year than Cape Town. Do you agree?

we do

Pink Highlighters ready.....let's mark!

a) What was the height above sea level where Aisha was walking at 2 pm? 175 m

b) At what time in Aisha's walk was she standing 200 m above sea level? 2:30pm

c) Part of the walk was along a beach.

Between which times did Aisha walk along the beach?

11am and noon

How do you know? Talk about it with a partner.

d) Did the walk start and finish in the same place?

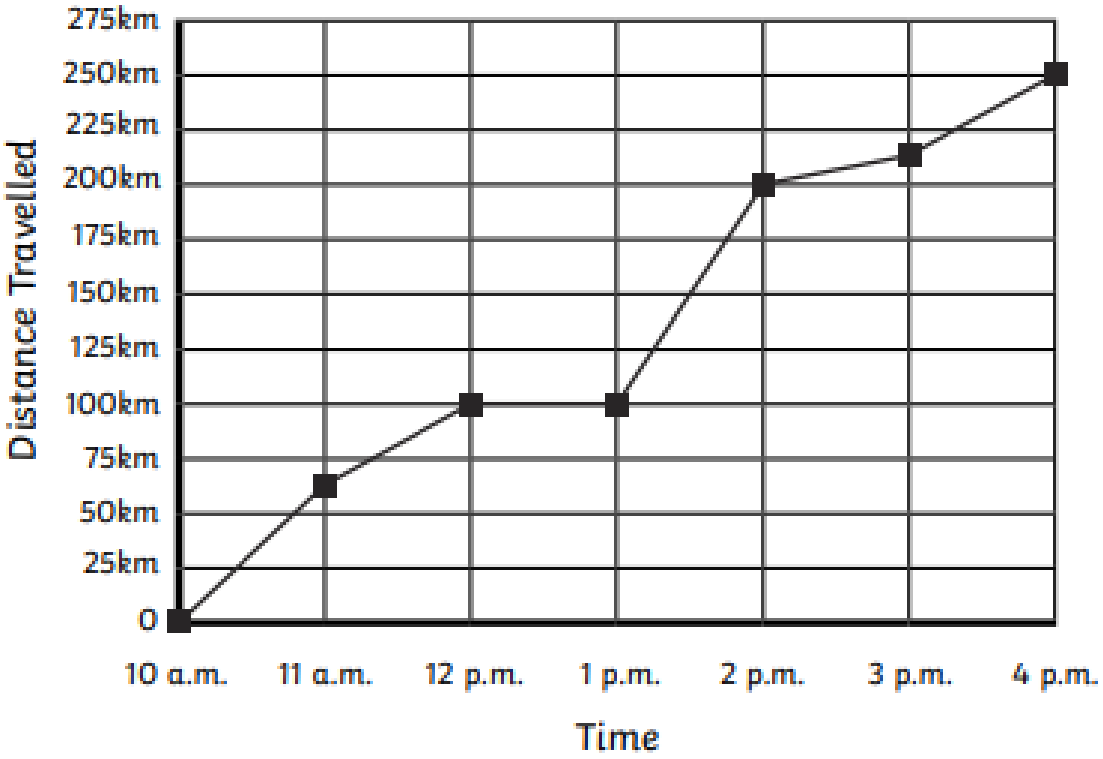
Explain how you know.

No – she was at a different height above sea level at the end compared to the start.

a) In which month is rainfall closest in both cities? **September**
b) In which two months is rainfall the same in Helsinki? **February and March**
c) In how many months is there more than 90 mm of rainfall in Cape Town? **3 months**
d) How much more rainfall is there in Helsinki than Cape Town in October? **17mm**
e) There is more rainfall in Helsinki in 7 out of 12 months so Helsinki receives more rainfall in a year than Cape Town. Do you agree? **No – the difference in May**

I do

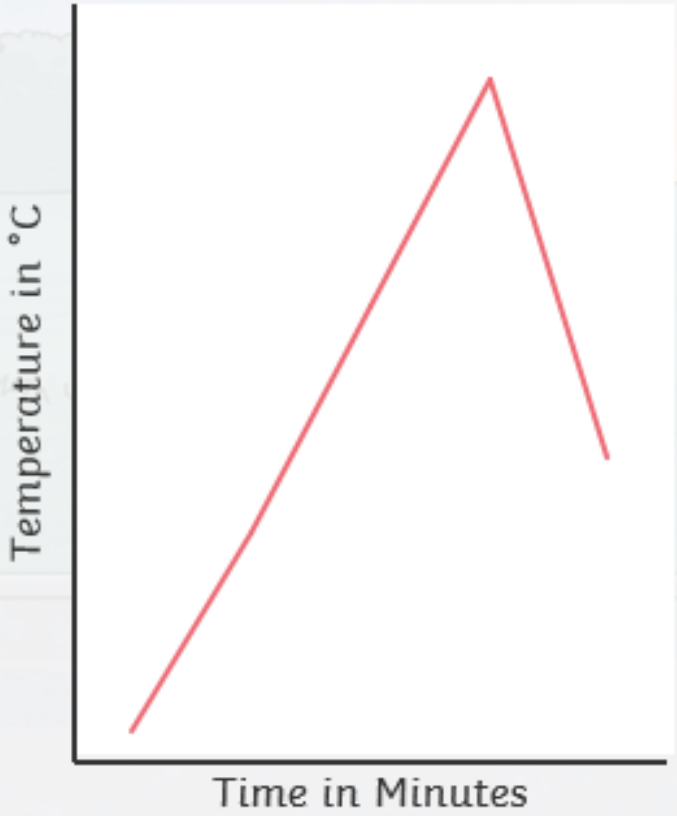
Here is a line graph to show the journey the Lewis family made when they were visiting their grandmother.



we do

How do we know when they were travelling quickly? Slowly? Not moving at all?

I do



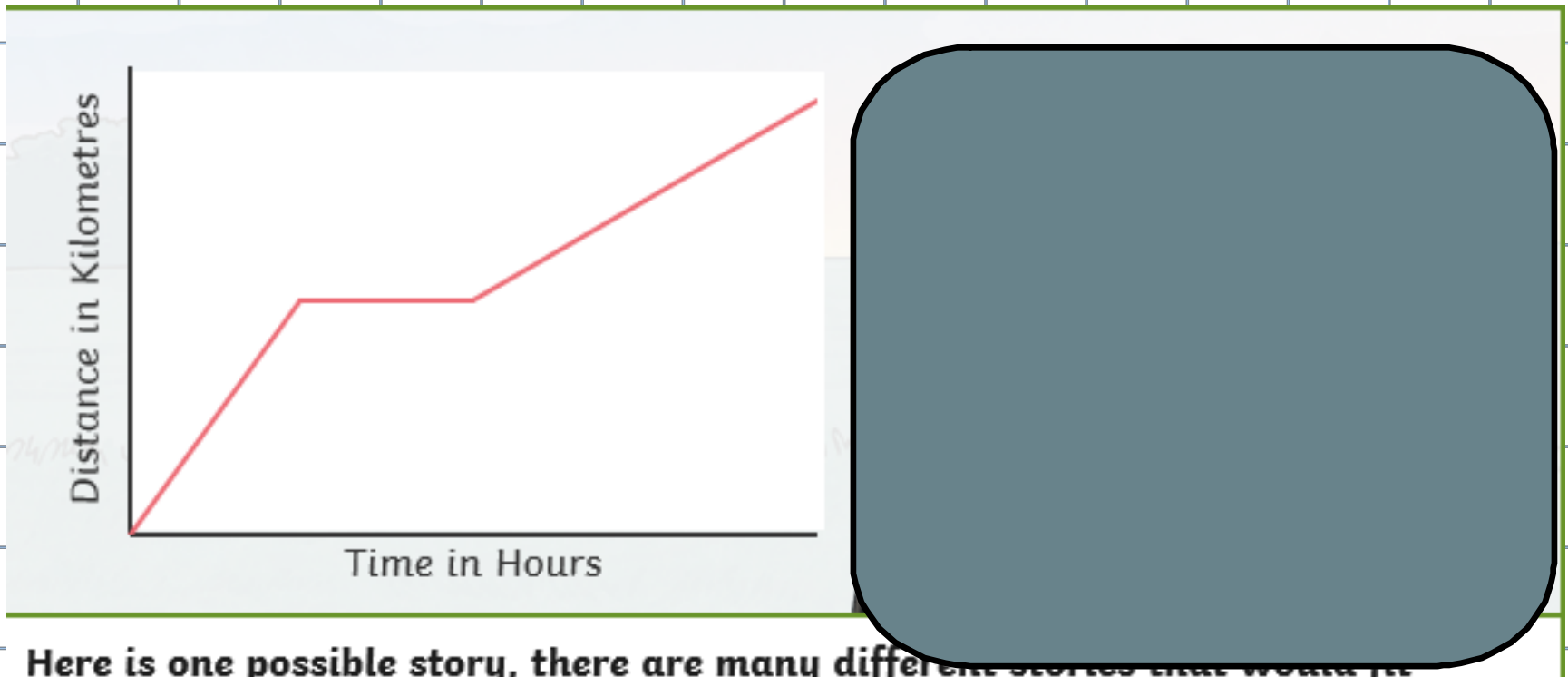
Bonnie gets some soup out of the fridge and gradually heats it in a saucepan on the hob. However, it is too hot to eat so she lets it cool back down slightly.



Write a story for the graph.

we do

Write a story for the graph.



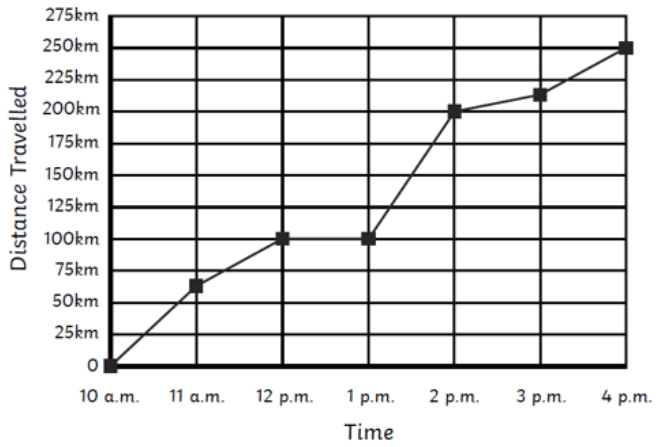
Here is one possible story, there are many different stories that would fit the graph.

Lucy goes for a bike ride. She cycles very quickly for an hour. She rests for about an hour. Then, continues riding her bike at a more leisurely pace.

you do

Complete in books.

Here is a line graph to show the journey the Lewis family made when they were visiting their grandmother.

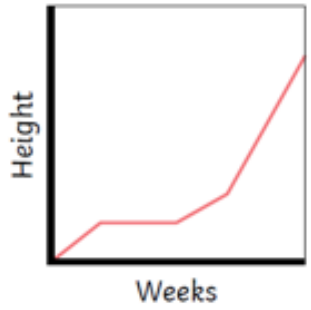


Between which times do you think the following happened? Explain why you think this.

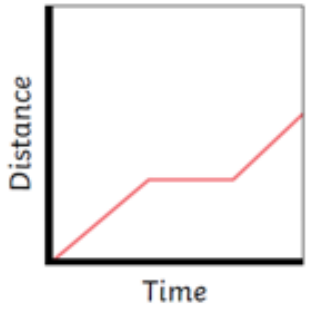
a) The family stopped for lunch.
b) The family travelled on the motorway.
c) The family were caught in slow moving traffic

Here are three line graphs. Write a story for each graph.

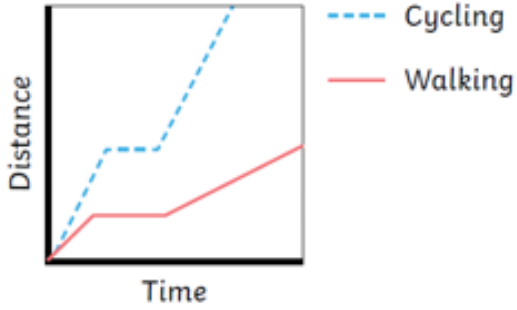
a)



b)



c)



we do

Pink Highlighters ready.....let's mark!

1) a) **Between 12 p.m. and 1 p.m. the family stopped for lunch. There was no distance covered during this time meaning the family had stopped.**



b) **Between 1 p.m. and 2 p.m. the family travelled on a motorway. This is the time that the most distance was covered in an hour, indicating that they were travelling faster which they can do on a motorway.**

c) **Between 2 p.m. and 3 p.m. the family were caught in slow moving traffic. The family only travelled about 12.5km during this time, suggesting they were moving slowly.**

2)

a) Multiple answers possible, such as:	b) Multiple answers possible, such as:	c) Multiple answers possible, such as:
The graph shows the growth in height of a puppy. For the first few weeks, the puppy grew steadily. Then, there were a few weeks where the puppy's height remained the same. The last few weeks, the puppy had a growth spurt.	The graph shows the journey from school to the seaside. When the journey started, they travelled at a constant speed and covered more than half of the distance. They then stopped for lunch for an hour. After that, they completed the last part of the journey at a constant speed.	Two friends set off from school to their own homes, one on a bicycle, the other walking. The friend who travelled by bicycle lived further away from school. They both stopped at a shop for some time before completing their journey home.