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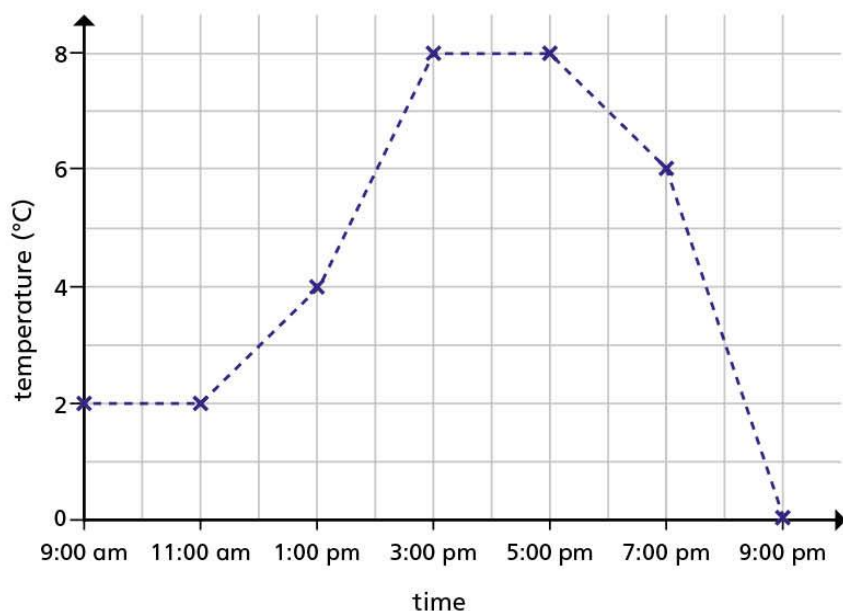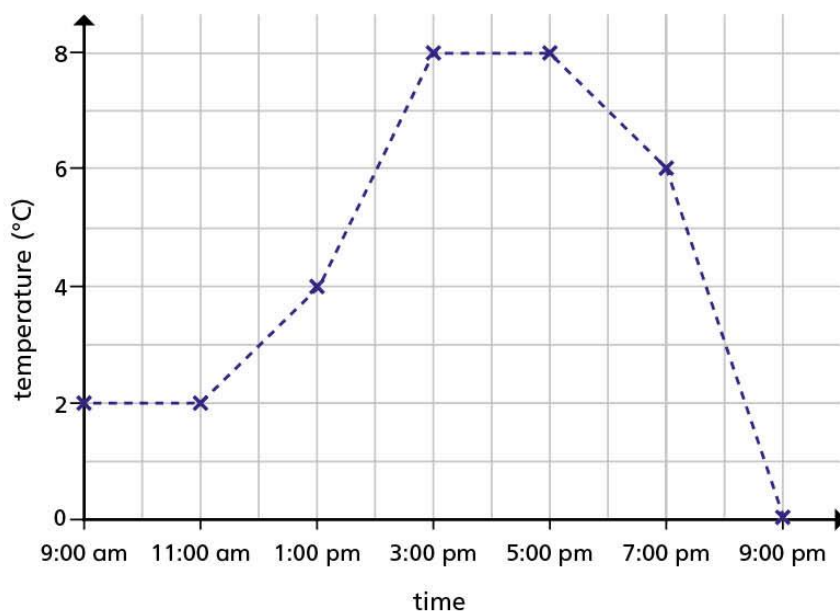

a) What was the temperature at 1:00 pm?

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

1

c) Between which times was the temperature increasing?

_____

_____

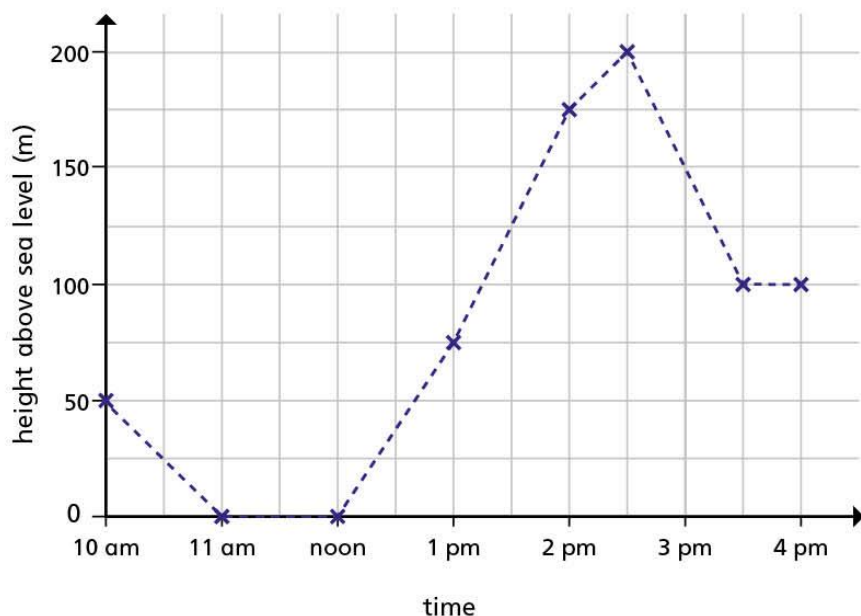**d)** How often was the temperature recorded?

_____

_____
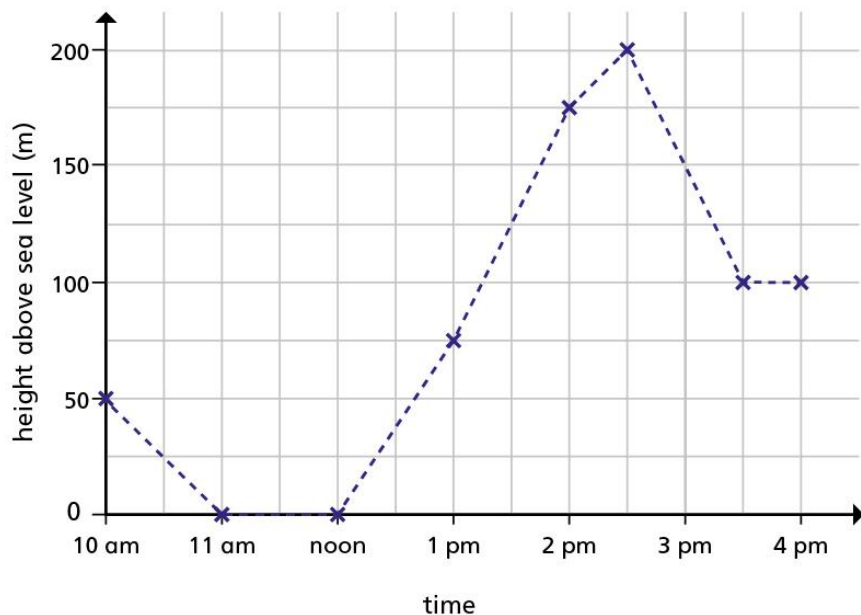
_____

2 Aisha goes for a walk.

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

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?

2

c) Part of the walk was along a beach.

Between which times did Aisha walk along the beach?

_____

_____

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.
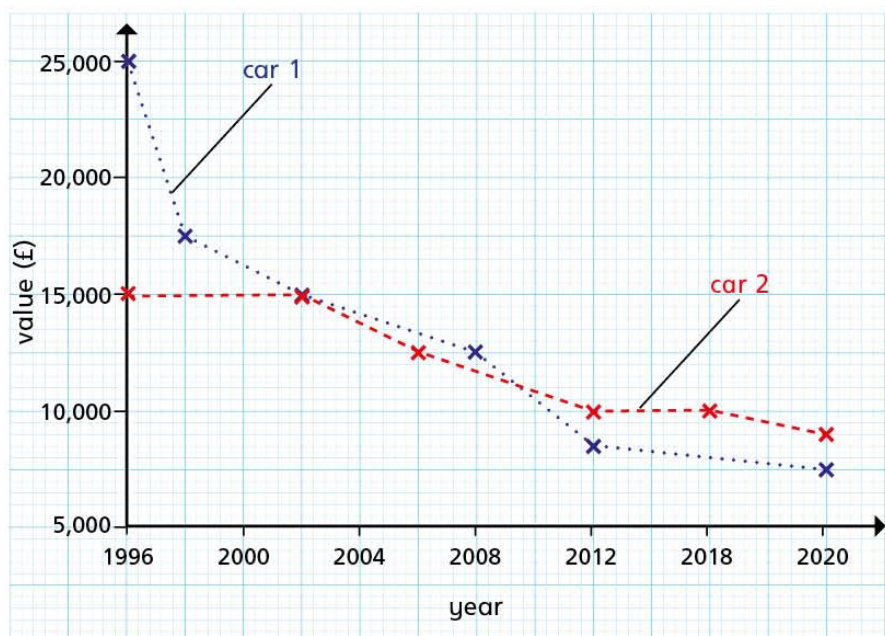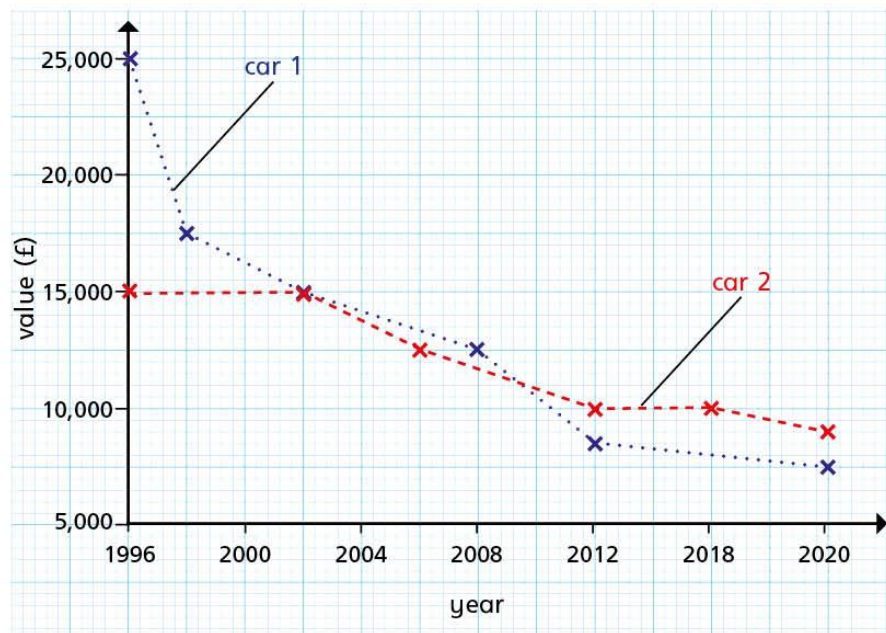
_____

_____

3 The graph shows the values of two cars over time.

a) In which year was the recorded value of the cars the same?

☐

b) In which two years was the difference in the recorded values of the two cars the same?

_____

3

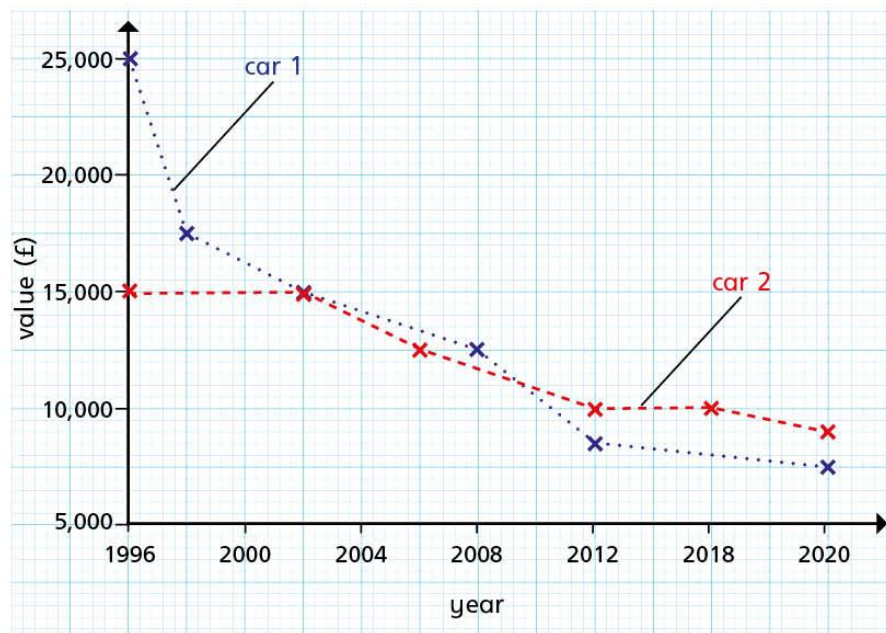c) Which car's value decreased the most between 1996 and 2020?

_____

d) For approximately how many years was the value of car 2 greater than the value of car 1?

approximately [   ] years

3

e)

The value of car 2 halved between 1996 and 2012

Do you agree with Jack? _____
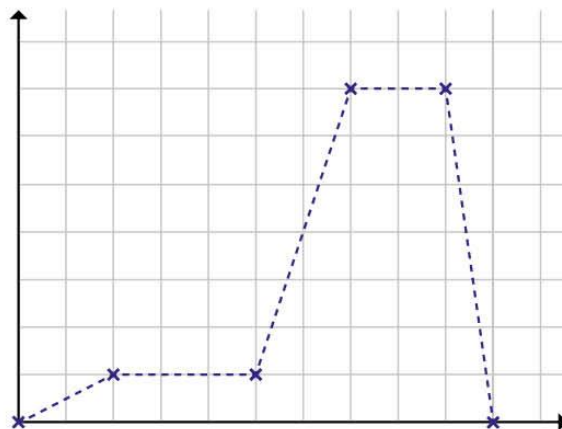
Explain your answer.

_____

_____

_____

4 Here is a line graph.

a) What could be happening in the graph?
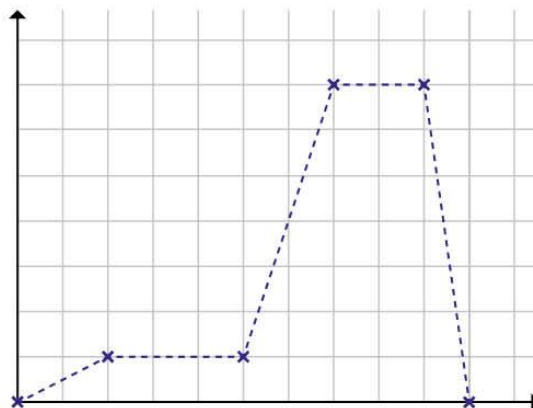
Write a story to match it.

_____

_____

_____

_____

4

b) What would the x-axis be labelled for your story?

_____

c) What would the y-axis be labelled for your story?

_____

d) Write two questions that you could ask a partner about your story.

_____

_____