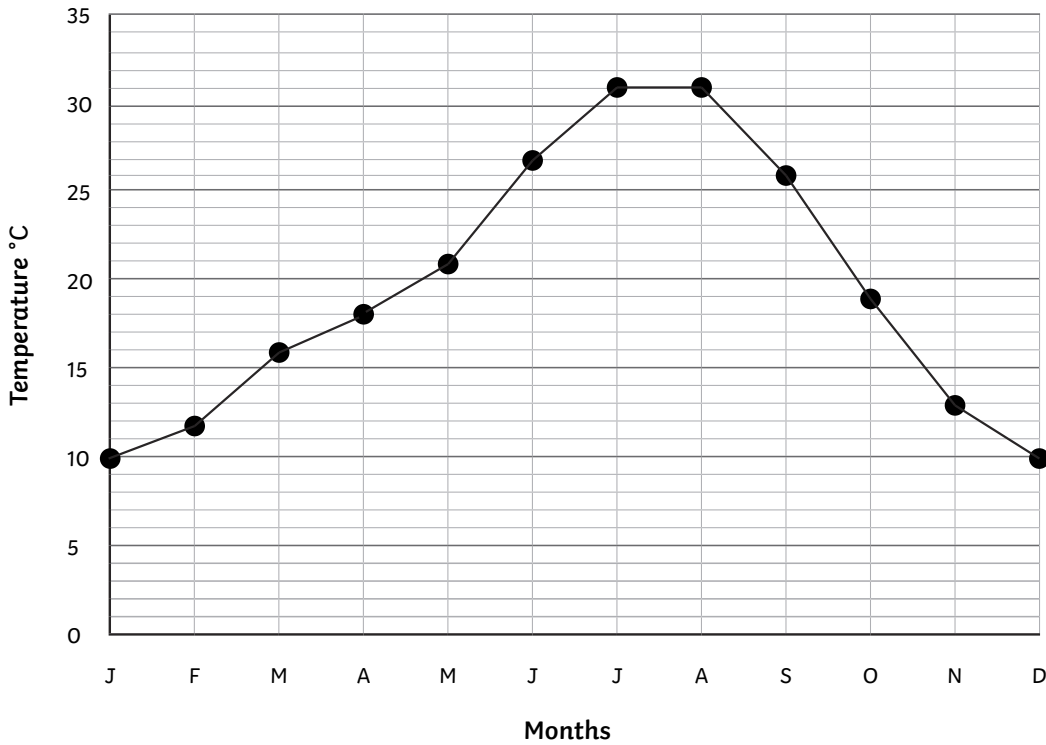




1) Graphs may have different scale for y-axis. Both axes must be labelled correctly with a suitable title for the graph.



Three questions and answers to accompany the graph. For example:

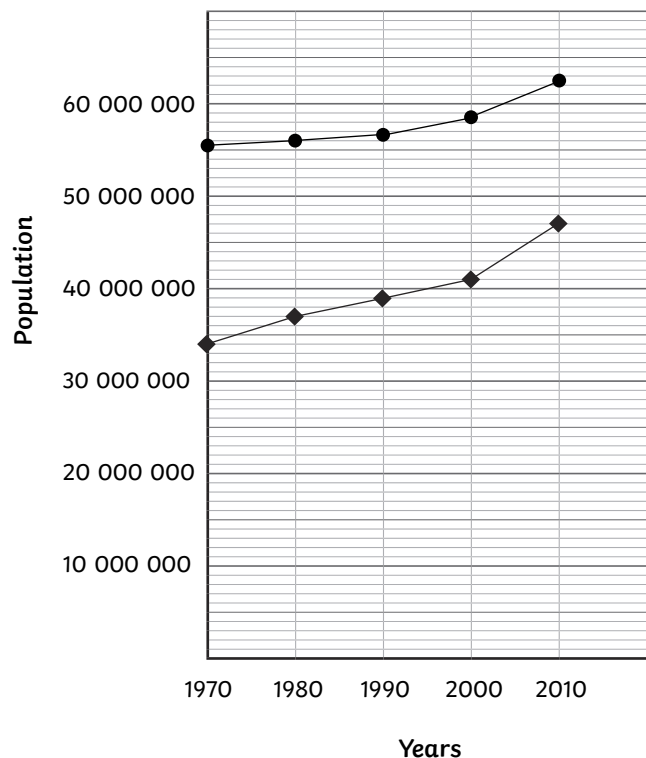
Which months had the highest temperature? July and August

Which months had the lowest temperature? January and December

What is the difference in temperature between February and June? 15 °C

2) Graphs may have different scale for y-axis. Both axes must be labelled correctly with a suitable title for the graph.

Must include a key to show which scale is for Spain and which scale is for UK.



- — UK
- ◆ — Spain



1)

The y-axis should show the distance.

Tara

It is best to use different colours to show Billy and Kira's distance.

Sam

The increments for the axis showing distance could have increments which are multiples of 4.

Tia

The axis showing time could be divided into 1 time unit every 2 squares so the graph is not too narrow.

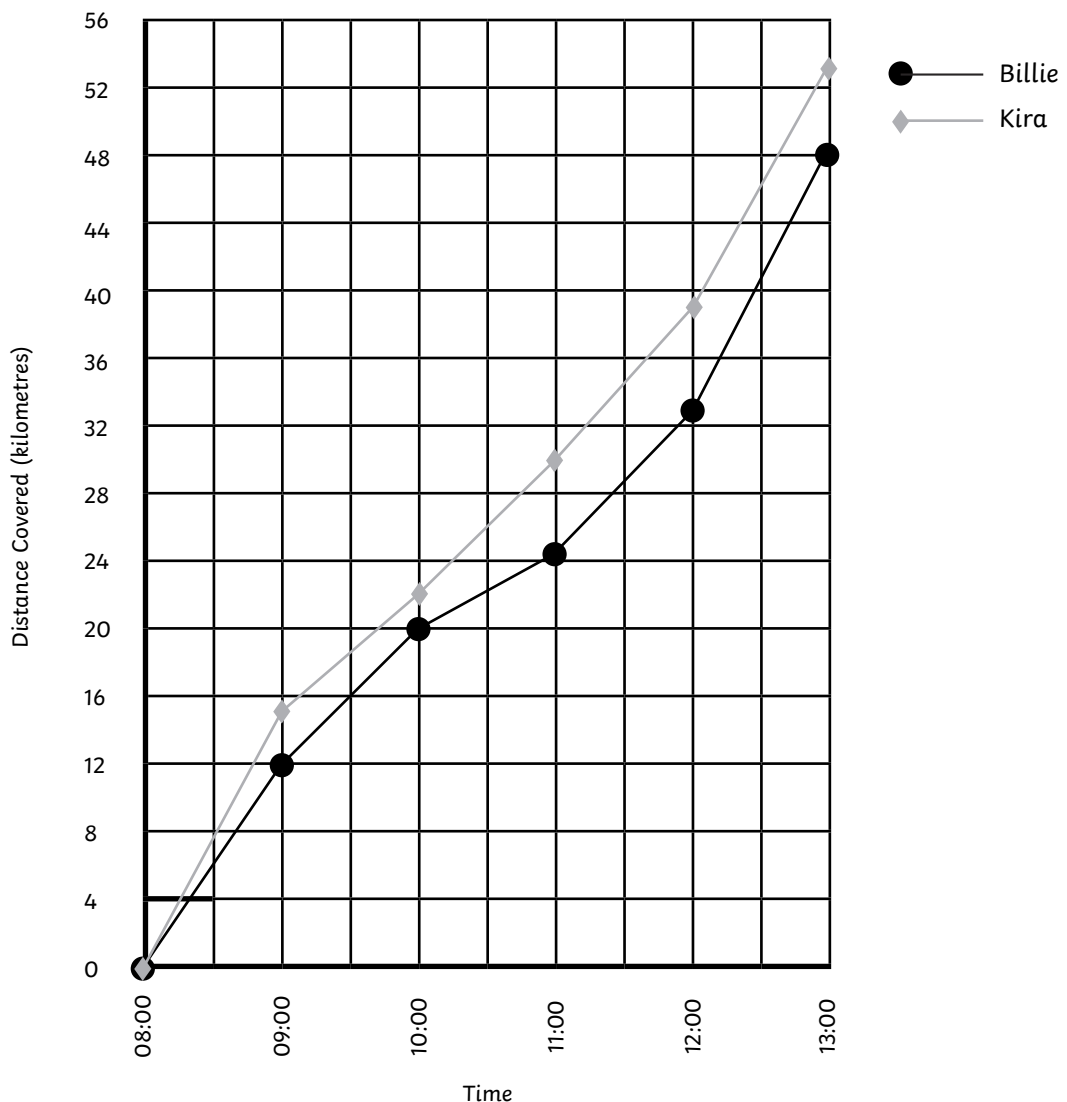
Bella

Kim: It is usual to have the time measurements along the x-axis.

Mo: If you used multiples of 1, the graph would need to be very large – 53cm for the y-axis.

Jo: If you used multiples of 10, it would be quite difficult to show single increments and would not be as accurate – the y-axis would only be 6cm tall.

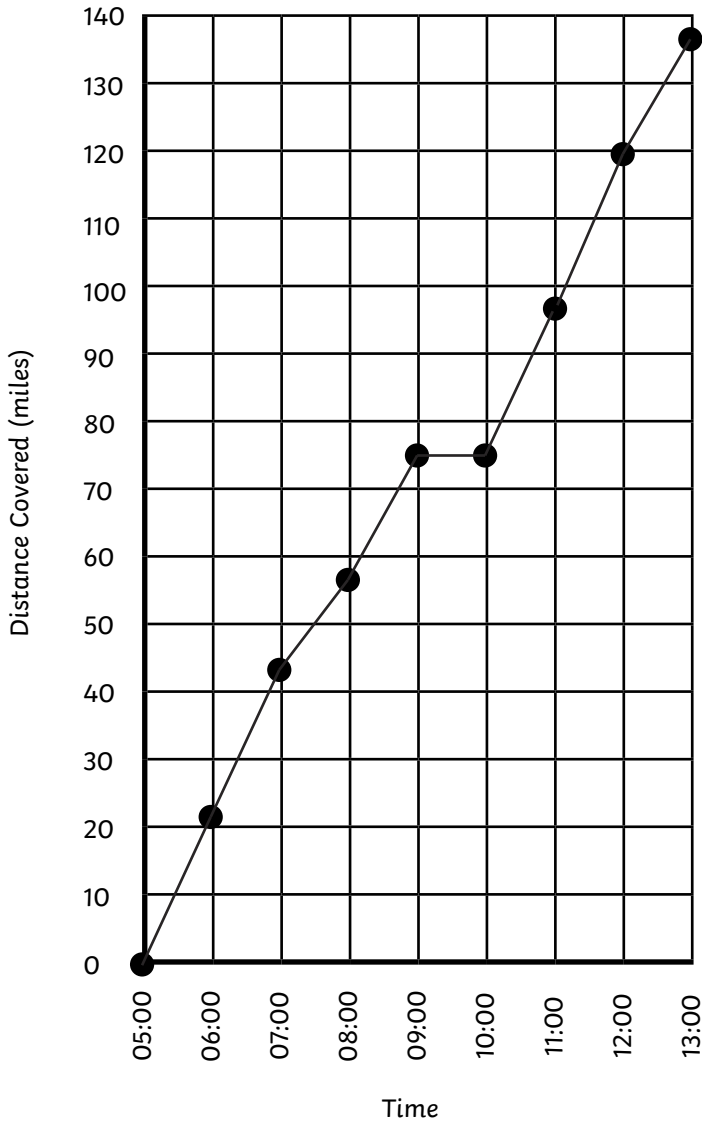
Cycling Distances Covered by Billie and Kira





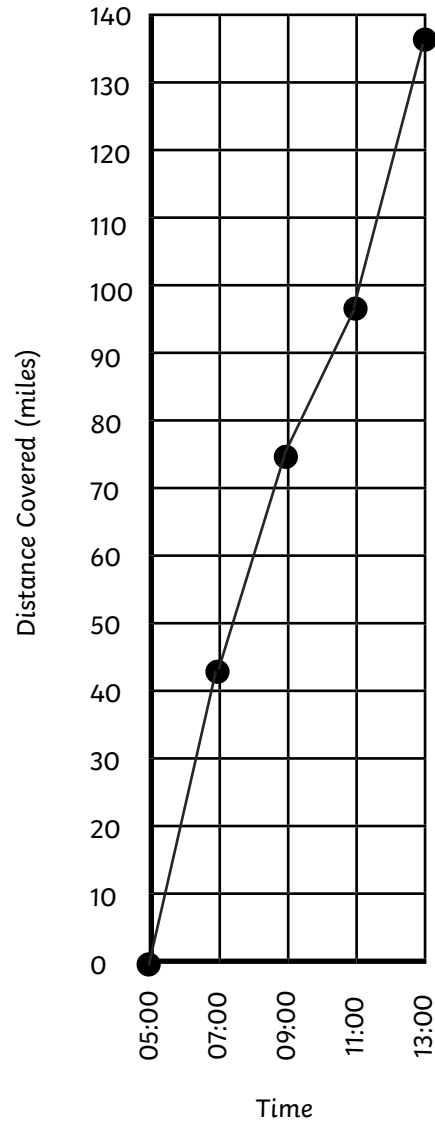
1) a) **Freddy's graph:**

Distance Travelled by a Lorry Driver



Khatija's graph

Distance Travelled by a Lorry Driver



- b) **Freddy's graph is more accurate. It shows all the distances that the driver covered over the time. Khatija's graph doesn't show that the driver had an hour where he didn't cover any distance at all.**
- c) **There is no data for half an hour times so a graph divided into half hour increments wouldn't be any more accurate.**