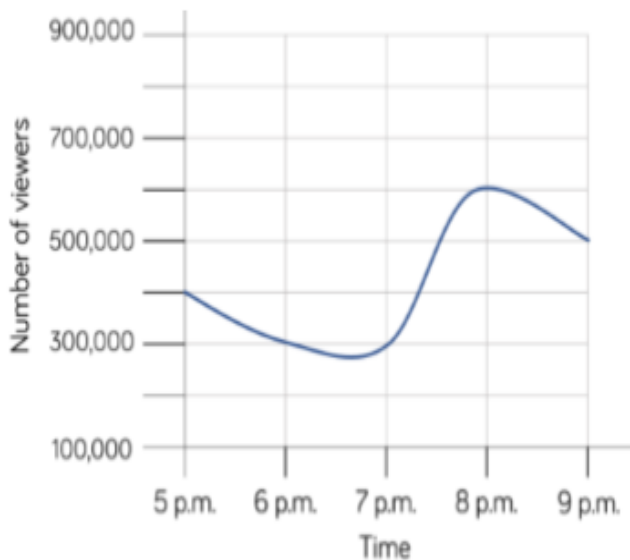Ron and Annie watched the same channel, but at different times. The graph shows the number of viewers at different times. Ron watched 'Chums' at 5 p.m. Annie watched 'Countup' at 8 p.m.

What was the difference between the number of viewers at the start of each programme? What was the difference in the number of viewers between 6 p.m. and 8 p.m.? Which time had twice as many viewers as 6 p.m.?

Number of viewers vs Time graph with y-axis from 100,000 to 900,000 and x-axis from 5 p.m. to 9 p.m.
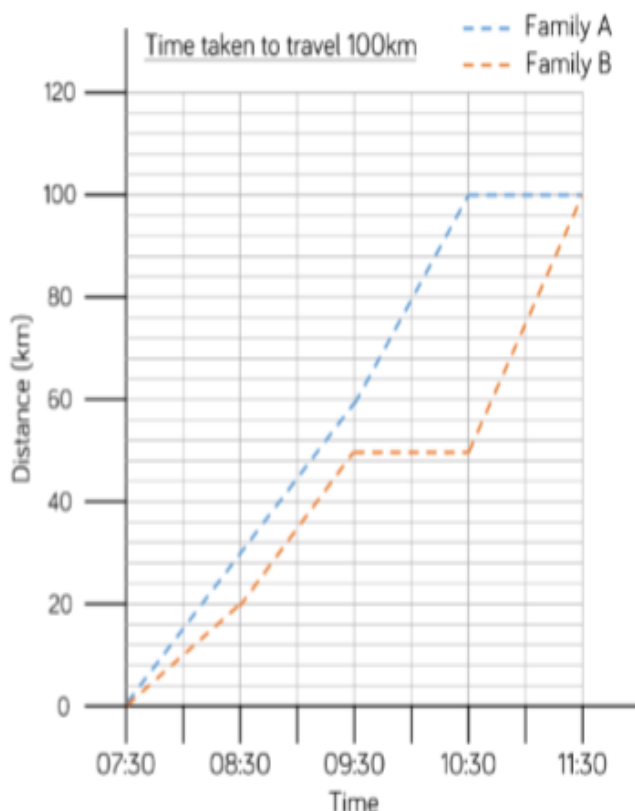
Two families were travelling to Bridlington for their holidays. They set off at the same time but arrived at different times.
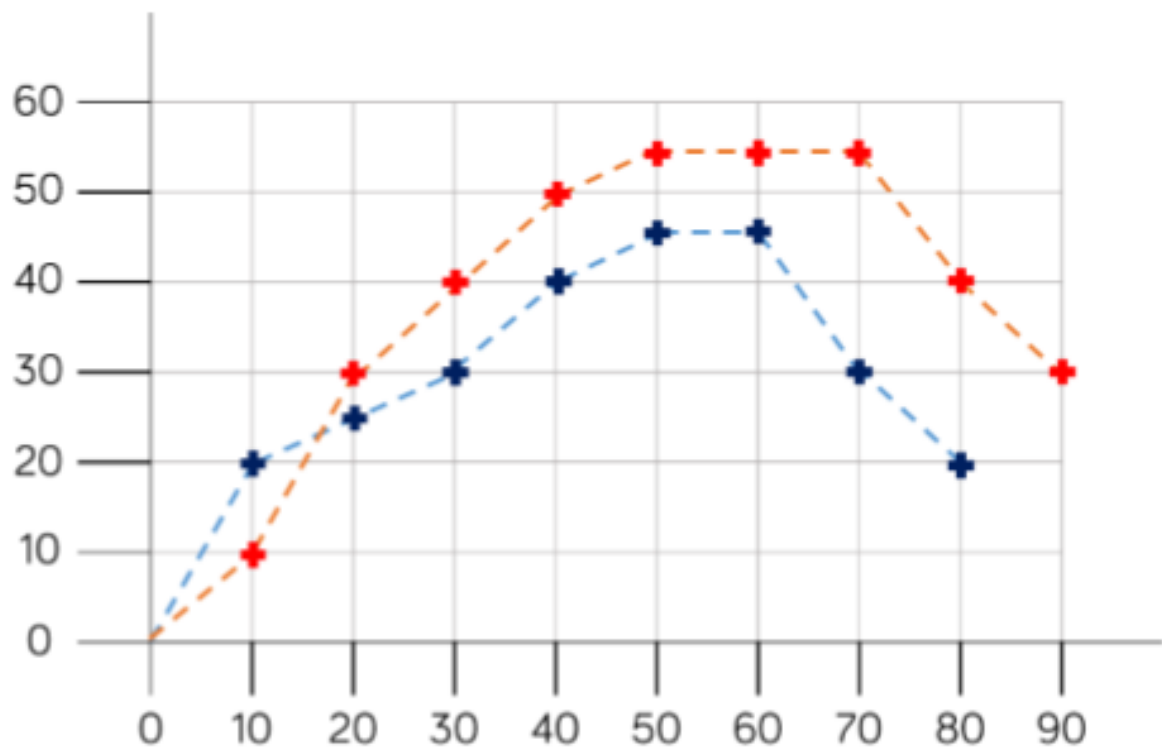
What time did family A arrive?
How many km had each family travelled at 08:45?
Which family stopped midway through their journey?
How much further had they left to travel?

Time taken to travel 100km — Family A, Family B. Distance (km) vs Time graph with x-axis from 07:30 to 11:30.

Line Graph Problems

What could this graph be showing?

Label the horizontal and vertical axes to show this.
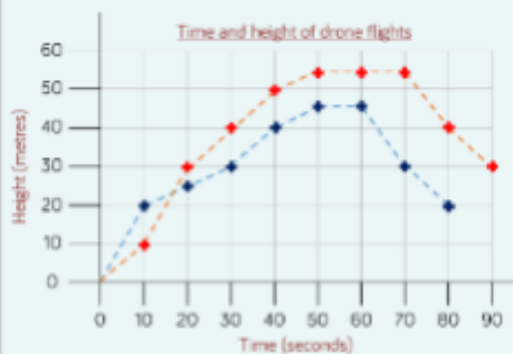
Is there more than one way to label the axes?
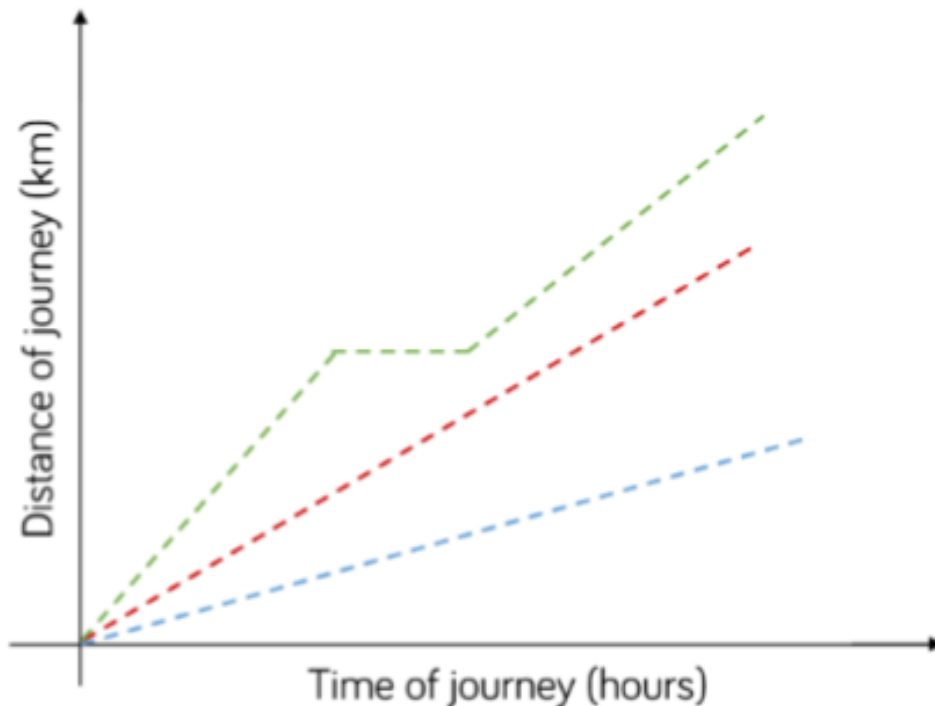
a

Line Graph Problems

ANSWERS

Possible response:
This graph shows the height of two drones and the time they were in the air.
For example:

Time and height of drone flights

The graph below shows some of Mr Woolley's journeys.

What is the same and what is different about each of these journeys?

What might have happened during the green journey?

<u>Line Graph Problems</u>

<u>ANSWERS</u>

Possible responses:

All the journeys were nearly the same length of time.

The journeys were all different distances.

The red and blue journey were travelling at constant speeds but red was travelling quicker than blue.

During the green journey, Mr Woolley might have been stuck in traffic or have stopped for a rest.