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| <p>Same:</p> <ul style="list-style-type: none"> • The two graphs show the same data. • The labels on the x-axis and the y-axis on each graph are the same. • The increment labels on x-axis of both graphs are the same. • The line is the same. | <p>Different:</p> <ul style="list-style-type: none"> • The second graph has an extra increment on the x-axis. • The second graph has an extra increment on the y-axis. • On the first graph, the y-axis is divided into multiples of 2 °C. |
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- 2) a) Tuesday
 b) Monday
 c) 03:00 – 04:00 and 08:00 – 9:00
 d) 3 times
 e) 5 °C
 f) 08:00 to 11:00



- 1) a) Correct
 b) Incorrect – at week 10, Bilal's plant was 40cm, by week 12 it was 55cm. The growth was 15cm.
 c) Incorrect – the plant started at 15cm when it was planted and grew to 60cm. This was a growth of 45cm.
 d) Correct
 e) Incorrect – Bilal's plant grew 15cm from the start to week 6 and 35cm from week 6 to week 12.
 f) Correct – as the rate of growth was not measured accurately at week 5 so Tom's plant measured somewhere between 25cm and 30cm tall. Children may suggest that the graph shows that Tom's plant was slightly taller than 25cm but this is based on an estimate of average growth between weeks 4 and 6.
 g) Correct
 h) Incorrect – Bilal's plant grew 35cm from weeks 6 to 12 and Tom's plant grew 30cm. Bilal's plant grew 5cm more than Tom's.
- 2) Multiple answers possible, for example:
 True – Tom's plant was the tallest in week 12.
 False – Bilal's plant grew the more between weeks 2 and 4 than between weeks 10 and 12.



- 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 25km during this time, suggesting they were moving slowly.

2) a) 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.

b) Multiple answers possible, such as:

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.

c) Multiple answers possible, such as:

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.