

Friday 12th June

L.K: To answer line graph reasoning and problem solving questions

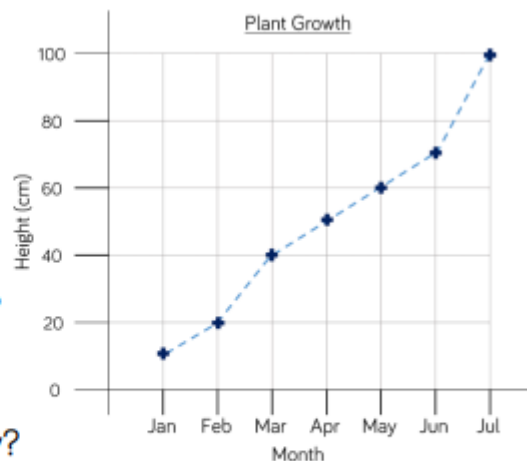
Reasoning and problem solving questions on line graphs are below. Make sure to fully reason your answers and make sure to include why you think this! Well done for working hard this week and keep it up! If you need any help, then please email me at WDV.Year4@oasiswoodview.org.

Mr Crowe

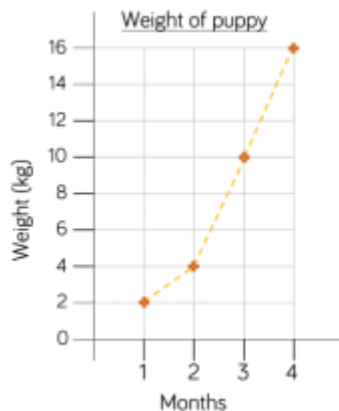
Fluency

1) a The graph shows the growth of a plant over 6 months.

- How tall was the plant when it was measured in May?
- In what month did the plant first reach 50 cm?
- How many centimetres did the plant grow between March and July?
- What was the difference between the height of the plant in February and the height of the plant in April?



2)



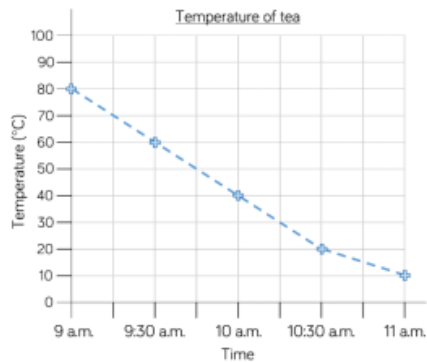
The graph shows the weight of a puppy as it grows.

When the puppy is ___ months old the weight is ___kg

Between month ___ and month ___ the puppy increased by ___ kg

Reasoning

Eva measured the temperature of a cup of tea every 30 minutes for 2 hours. The graph shows Eva's results.



Eva says,

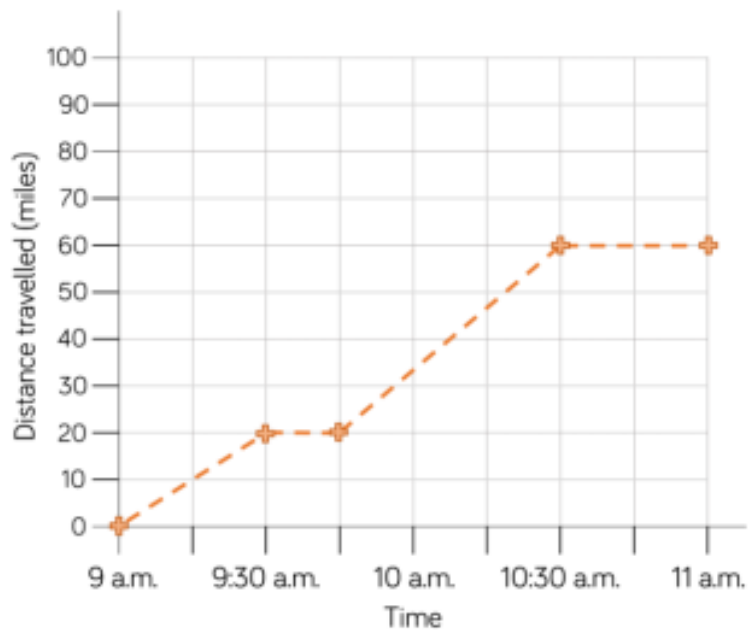


In the first 45 minutes the temperature of the tea had dropped by 20 degrees.

Do you agree with Eva?
Explain why.

Problem Solving

Write a story to match the graph.



What do you think is happening at each point in the graph? What could the graph be about?
Be as creative as you can!