

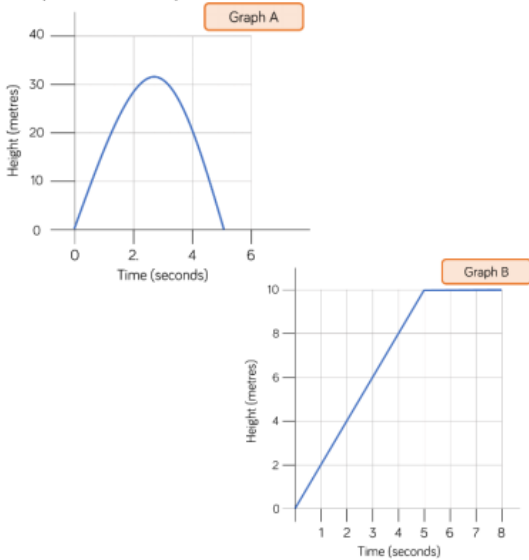
25/02/21 - Spicy

LO: To solve comparison, sum and difference problems using information in a line graph.

Jack launched a toy rocket into the sky. After 5 seconds the rocket fell to the ground.

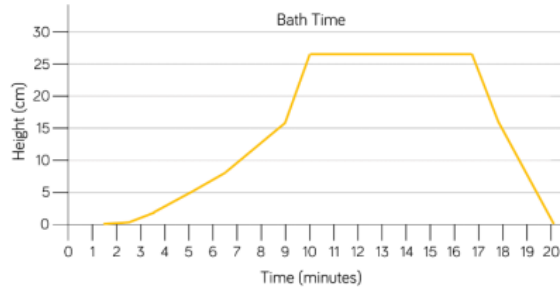
Which graph shows this?

Explain how you know.



Make up your own story for the other graph.

Here is a line graph showing a bath time. Can you write a story to explain what is happening in the graph?



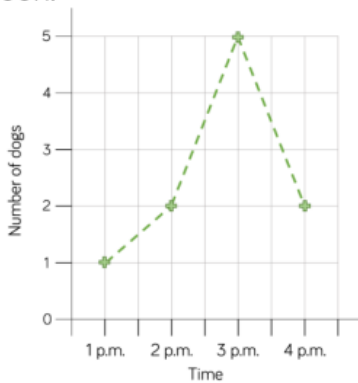
How long did it take to fill the bath?

How long did it take to empty?

The bath doesn't fill at a constant rate. Why might that be?

Why might that be?

Tommy created a line graph to show the number of dogs walking in the park one afternoon.



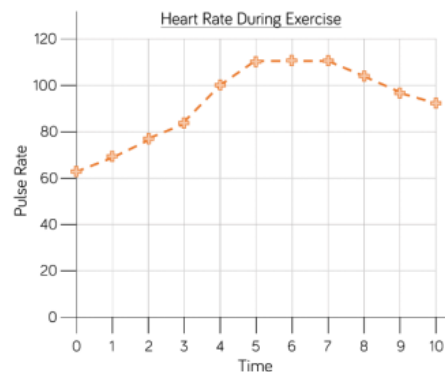
Tommy says,



At half past one there are 1.5 dogs in the park.

Why is Tommy incorrect?

What would be a better way of presenting this data?



How long did it take for the pulse rate to reach the highest level? Explain your answer, using the graph to help.

What could have happened at 5 minutes?

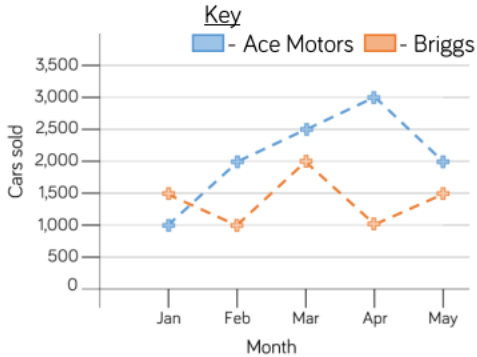
What could have happened at 7 minutes?

Estimate what the pulse rate was after 2 and a half minutes. How did you get an accurate estimate?

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LO: To solve comparison, sum and difference problems using information in a line graph.

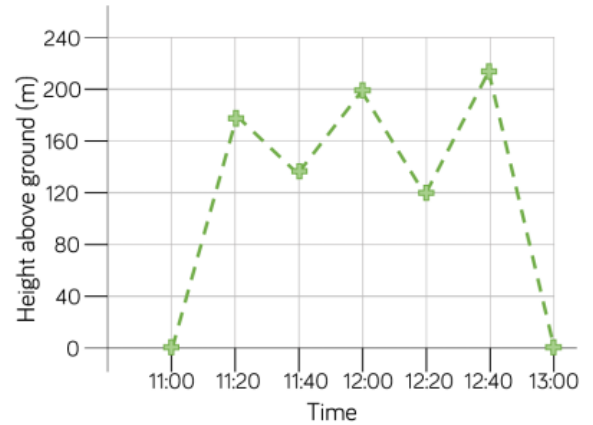
The graph shows the number of cars sold by two different companies.



- How many more cars did Ace Motors sell than Briggs in April?
- From January to March, how many cars did each company sell? Who sold more? How many more did they sell?
- Crooks Motors sold 250 more cars than Briggs each month. Plot Crooks Motors' sales on the graph.

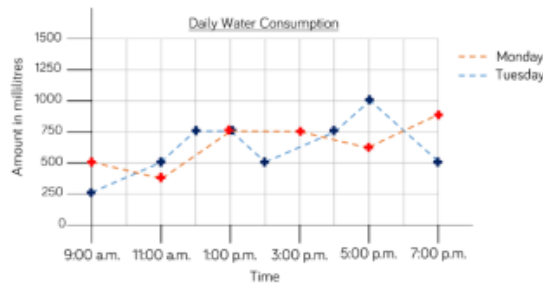
Rosie has used the data in the table to plot the line graph.

Time	11:00	11:20	11:40	12:00	12:20	12:40	13:00
Height above ground (m)	0	180	150	200	210	120	0



What mistakes has Rosie made?  
Can you draw the line graph correctly?

Here is a graph showing daily water consumption over two days.



At what times of the day was the same amount of water consumed on Monday and Tuesday?

Was more water consumed at 2 p.m. on Monday or Tuesday morning? How much more?