

Read and Interpret Line Graphs

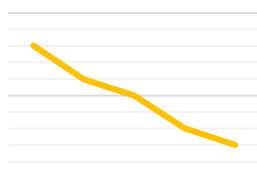
Read and Interpret Line Graphs

1a. Carrie is recording the amount of milk left in the jug in her fridge throughout the week. Which graph most likely shows her data? Explain how you know.

A



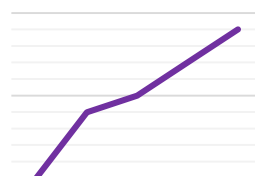
B



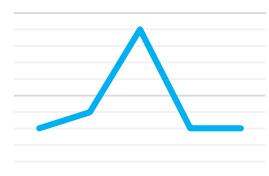
R

1b. Derrick is recording how many Easter presents his store sells during and after Easter weekend. Which graph most likely shows his data? Explain how you know.

A



B



R

2a. Anton and Lea are interpreting this graph. Anton says, "It took the family 5 hours to walk 10 kilometres." Lea says, "The family had a break after walking for 3 hours." Who is correct? Explain.

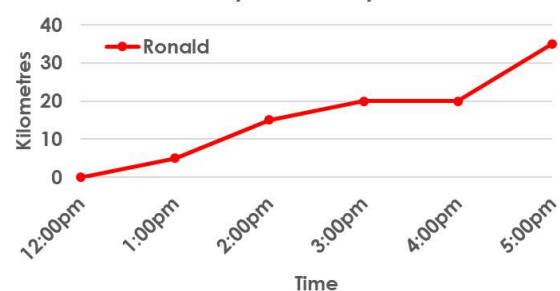
Family Walk



R

2b. Peter and Nora are interpreting this graph. Peter says, "Ronald travelled 20 kilometres between 3:00pm and 4:00pm." Nora says, "Ronald stopped between 3:00pm and 4:00pm." Who is correct? Explain.

Bicycle Journey



R

3a. Caring Cards Company earns £100 profit for every 100 cards sold. How much did they profit from Mother's Day cards? Why did sales drop so quickly on Monday?

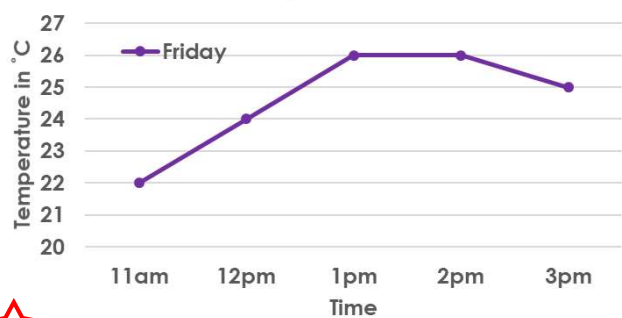
Mother's Day Card Sales



PS

3b. Lori is tracking the temperature throughout the day. She must drink a bottle of water per hour when it's 24°C or hotter. How many bottles of water will she drink?

Temperature

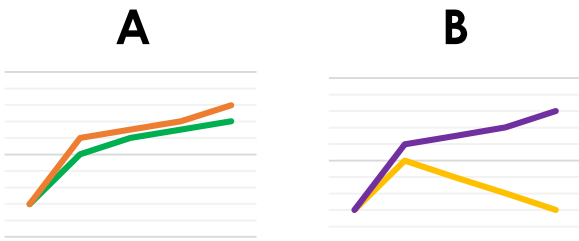


PS

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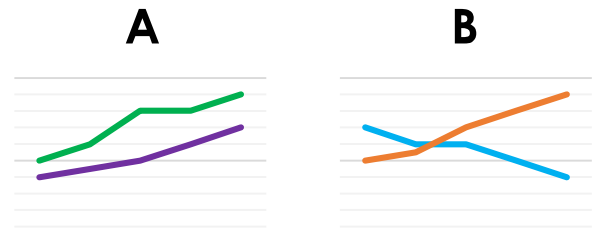
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4a. The health visitor is recording the height of twins during their first year. Which graph most likely shows her data? Explain how you know.



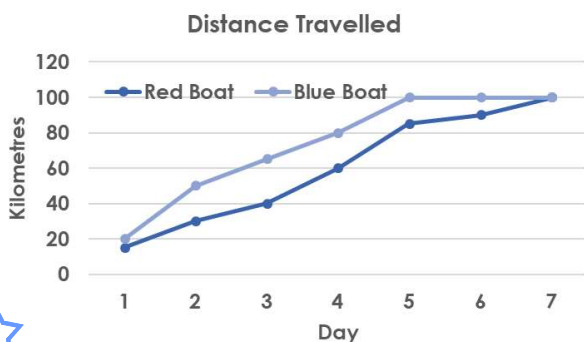
R

4b. Jim is recording the temperature from September to January in London and Sydney. Which graph most likely shows his data? Explain how you know.



R

5a. Yulia and Naveed are interpreting a graph. Yulia says, "The blue boat reached their destination on Day 5." Naveed says, "The red boat travelled 100km between Day 6 and Day 7." Who is correct? Explain.



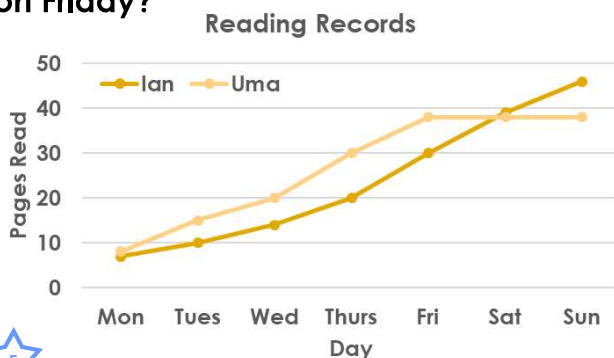
R

5b. Nico and Harriet are interpreting a graph. Nico says, "Rolph's journey was steeper because his line is steeper on the graph." Harriet says, "Jana travelled much slower; her climb could have been more difficult." Who is correct? Explain.



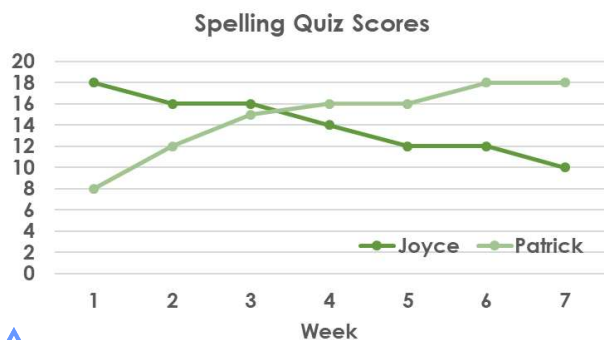
R

6a. Every Friday, Ian and Uma's teacher gives a sticker for every multiple of 10 pages they read. Who received the most stickers this week? Who read the most pages in total? Why did Uma stop reading on Friday?



PS

6b. Joyce and Patrick each earn one point for their class every time they score more than 15 on a spelling quiz. How many points will they each earn this half term? Who has shown improvement?



PS

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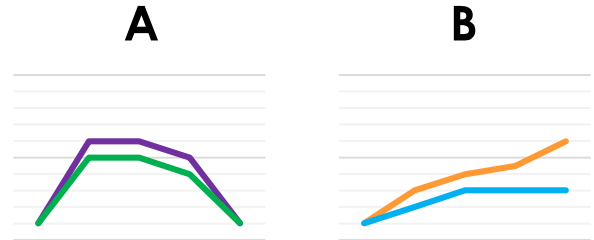
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7a. Write your own story to match the data in the two graphs below.



R

7b. Write your own story to match the data in the two graphs below.



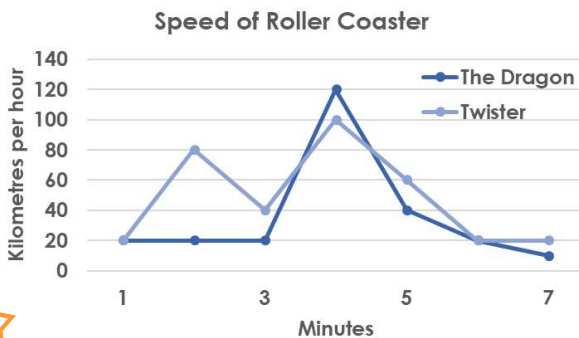
R

8a. Fazir and May are interpreting a graph.

Fazir says, "The Dragon has a rapid increase in speed at 3 minutes."

May says, "The Twister goes the fastest."

Who is correct? Explain.



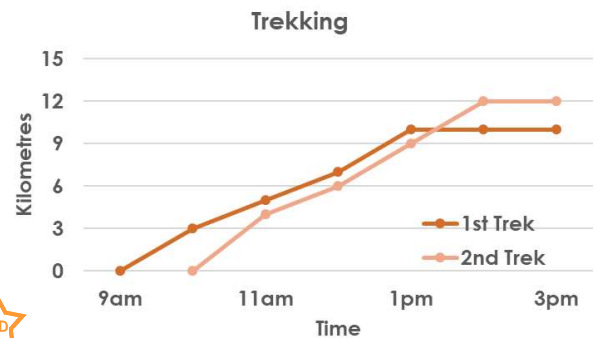
R

8b. Nancy and Quinn are interpreting a graph.

Nancy says, "Both treks started at 9am."

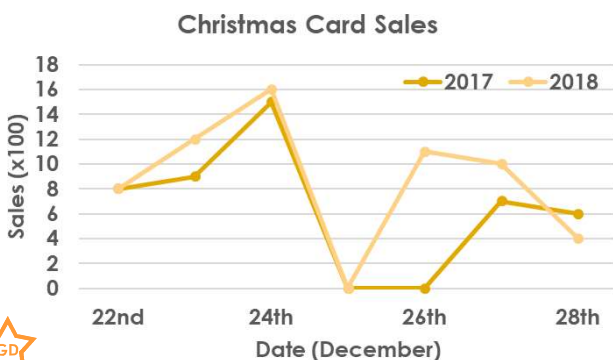
Quinn says, "The 2nd trek was the longest by 2km."

Who is correct? Explain.



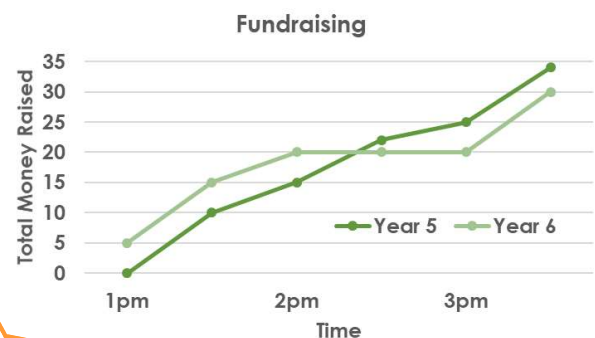
R

9a. Carl's Cards makes it's biggest profit in the holiday season. What date is the shop closed for business? If the shop earns £200 for every 100 cards sold, which year made the biggest profit?



PS

9b. Years 5 and 6 are holding a fundraiser for charity. For every £1 raised, the school is giving an extra £2 to the same charity. How much money did each year group raise in total?



PS