

Year 6 – Summer Block 3 – Statistics
Hi Year Y6 – it's Wednesday 6th May 2020

Part 3

We are moving onto statistics today. This lot of lessons will be finished by the end of next week. Today is all about line graphs.

WALT Read and Interpret Line Graphs

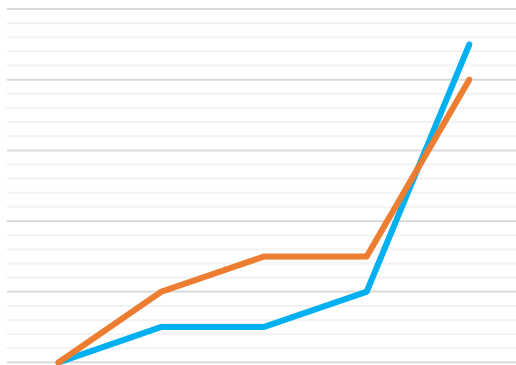
Reasoning 1

Michaela is recording the amount of juice in 2 cartons throughout the week.

Which graph most likely shows her data?

Explain how you know.

A



B



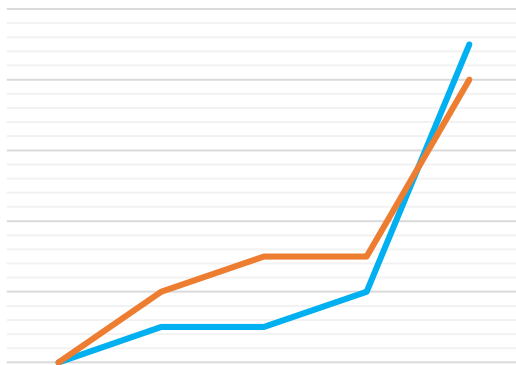
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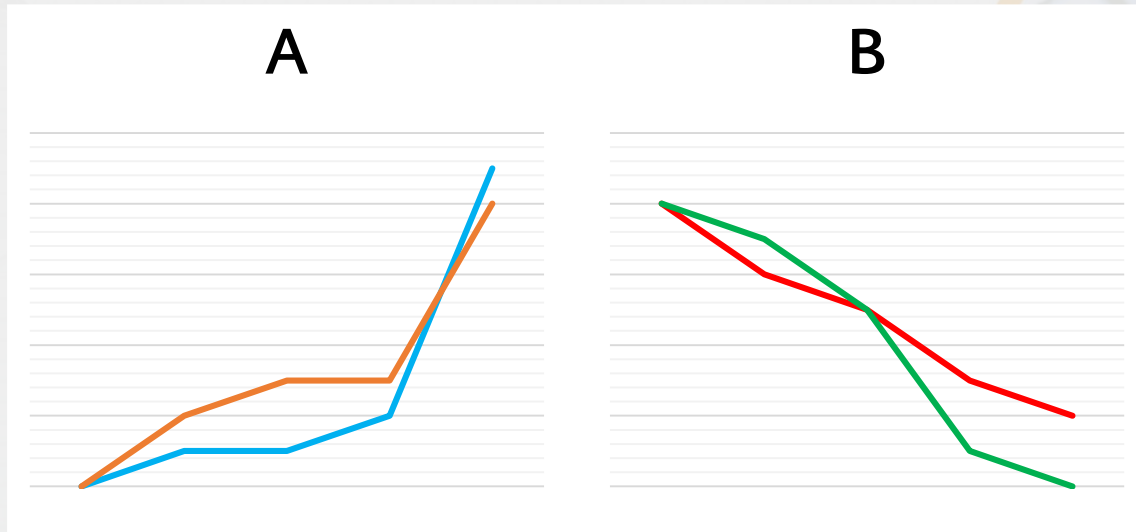
B most likely shows her data because...

Reasoning 1

Michaela is recording the amount of juice in 2 cartons throughout the week.

Which graph most likely shows her data?

Explain how you know.



B most likely shows her data because it shows the amount in each carton decreasing over time as the contents are drunk.

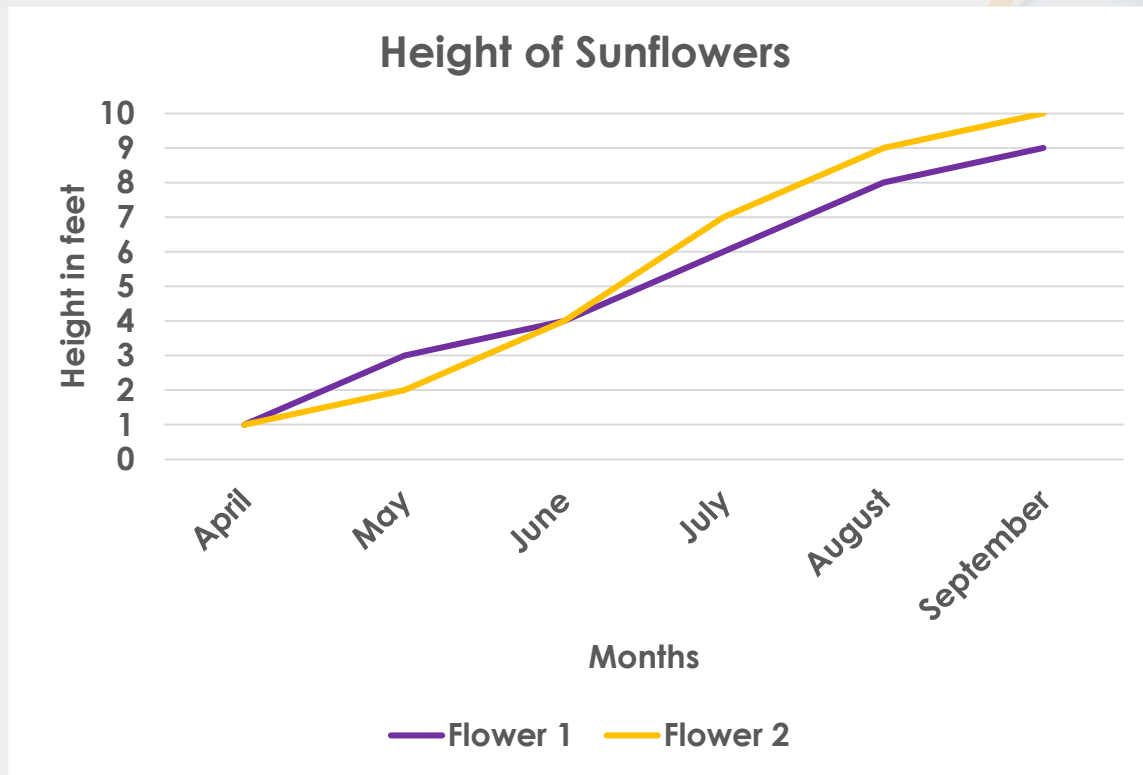
Reasoning 2

Noel and Mei are interpreting this graph.

Noel says, "The flowers are exactly the same height in September."

Mei says, "The flowers were the same height in June, but then Flower 2 grew slightly taller than Flower 1."

Who is correct? Explain.



Reasoning 2

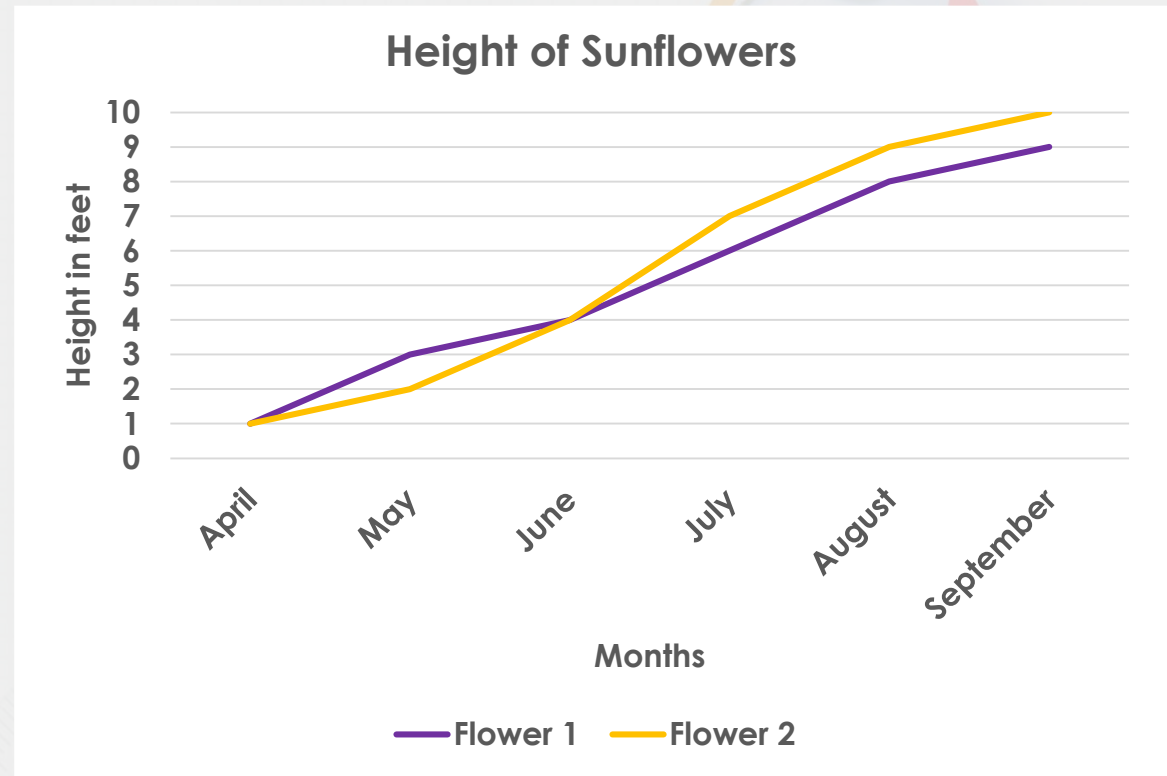
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**Mei is correct
because...**



Reasoning 2

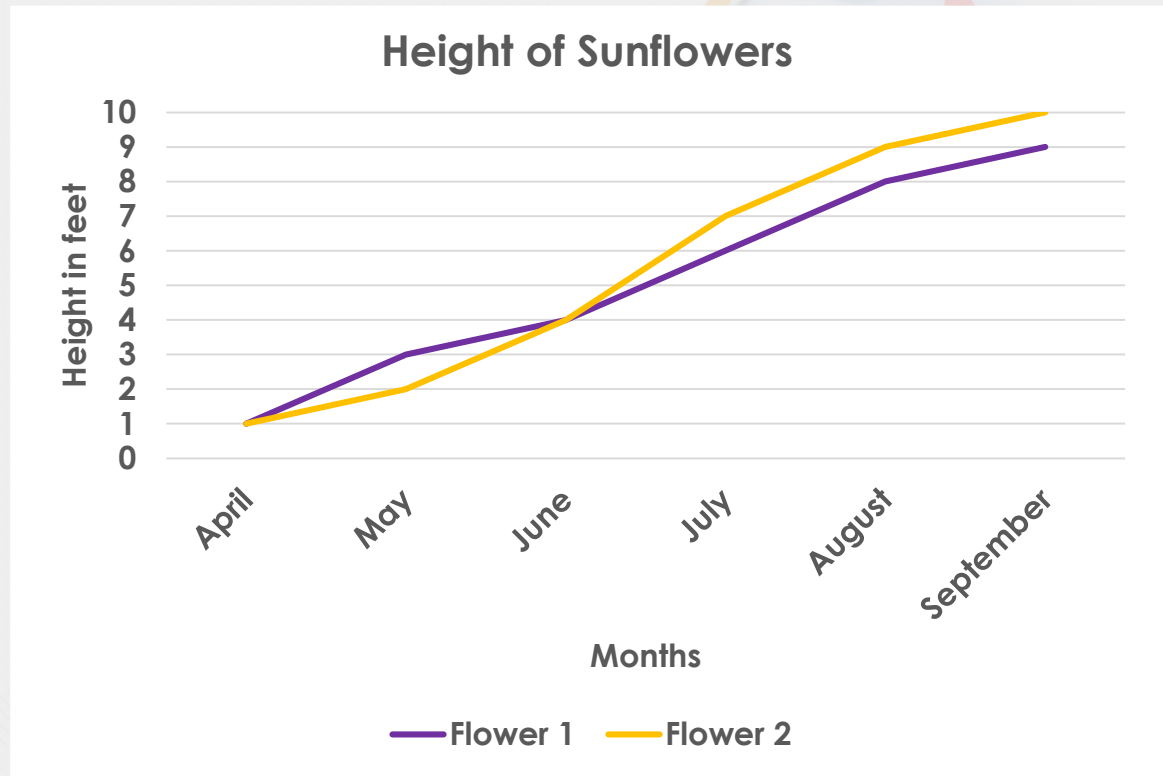
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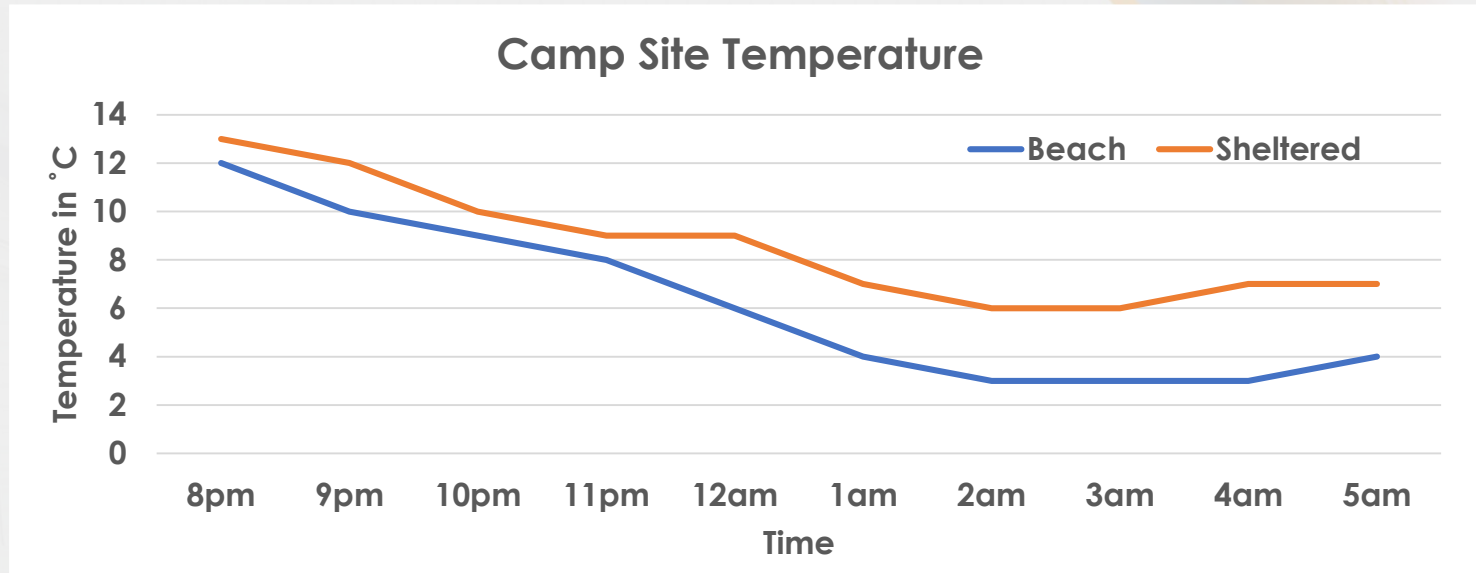
Who is correct? Explain.

Mei is correct because in June, both flowers are 4ft in height and in July, Flower 2 is about 1ft taller than Flower 1.



Problem Solving 1

Henri and Georgia are choosing a site to go camping.

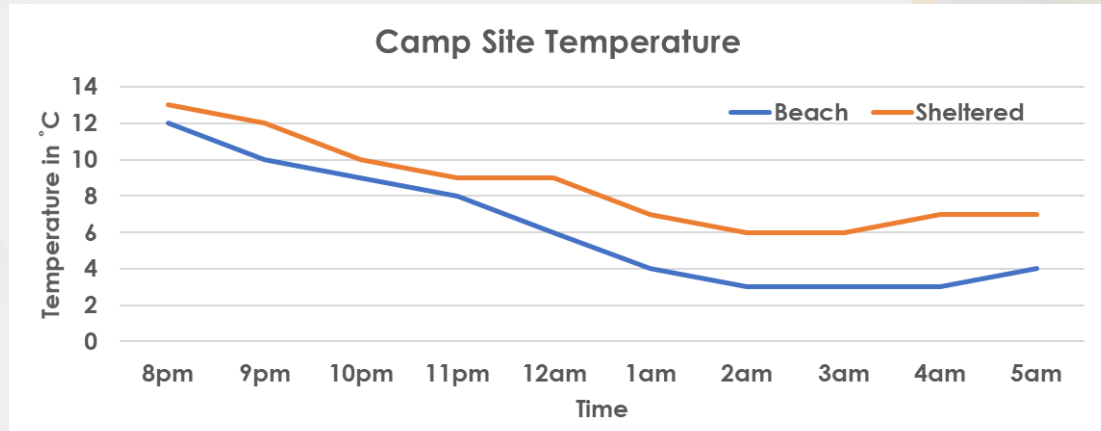


Which site is the warmest throughout the night?

They each need extra warm socks for any temperatures under 6°C , and a hot water bottle each for any temperatures under 4°C . What extra supplies will they need for each site?

Problem Solving 1

Henri and Georgia are choosing a site to go camping.



Which site is the warmest throughout the night?

The sheltered site is warmer throughout the night.

They each need extra warm socks for any temperatures under 6°C , and a hot water bottle each for any temperatures under 4°C . What extra supplies will they need for each site?

On the beach, they will each need one pair of socks and one hot water bottle. On the sheltered campsite, they won't need any extra supplies

Well done! It's over to you now.

Go to Part 4 and choose your Star Challenge! Normal rules apply: page 1 will give you an easier challenge, page 2 will be about the same as what we've just practised and page 3 will be more of a stretch.

You only need to do the first three questions on your chosen Star Challenge – the ones on the left-hand side. If you want extra practice, you can then do the three questions on the right hand side of your chosen challenge page. When you finish, don't forget to mark your answers before sharing, so I can see where you need help.