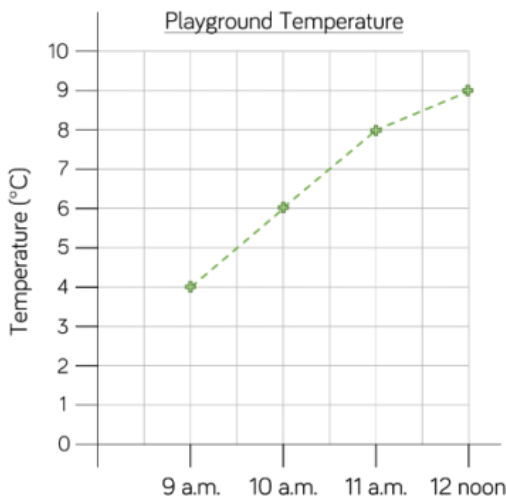


3/2/2021 (Wednesday) – L.I. Can I read and create line graphs?

<https://whiterosemaths.com/homelearning/year-5/week-6-statistics/> – Introducing line graphs



1. The graph shows the temperature in the playground during a morning in April.

The temperature in the playground at 9 a.m. is 4°C .

The warmest time of the morning is 12 noon.

The difference between the temperature at 9 a.m. and the temperature at 12 noon is 5°C .

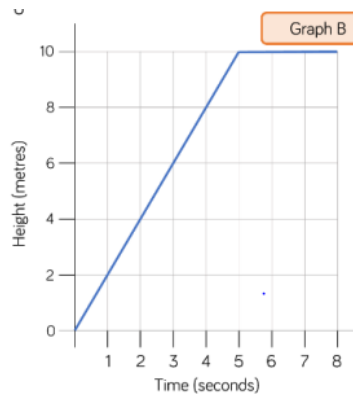
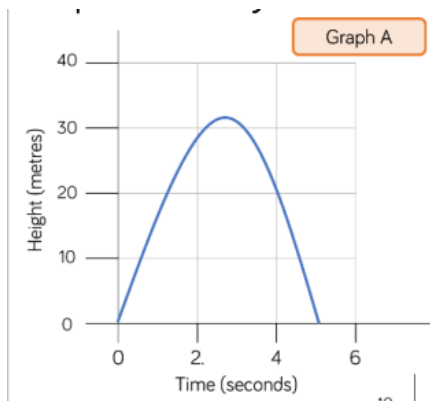
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
4 cm	7 cm	9 cm	12 cm	14 cm	17 cm

2. Class 4 grew a plant. They measured the height of the plant every

week for 6 weeks. The table should show the height of the plant each week.

Create a line graph using squared paper to represent this information. Consider what scale you will use on the x and y axes. What will each axis be labelled?

Between which two weeks did the plant reach a height of 10 cm? Between Week 3 and Week 4.



3. 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.

Graph A shows the rocket's path. It starts at the ground, goes up to a peak, and then comes back down to the ground.

Create your own story for the other graph.

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

Why is Tommy incorrect? What would be a better way of representing the data?

Tommy says,



Time

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

Why is Tommy incorrect?

