Y4 – Statistics – Monday - ANSWERS

LO: line graphs

Class 4 grew a plant. They measured the height of the plant every week for 6 weeks.
The table shows the height of the plant each week.

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

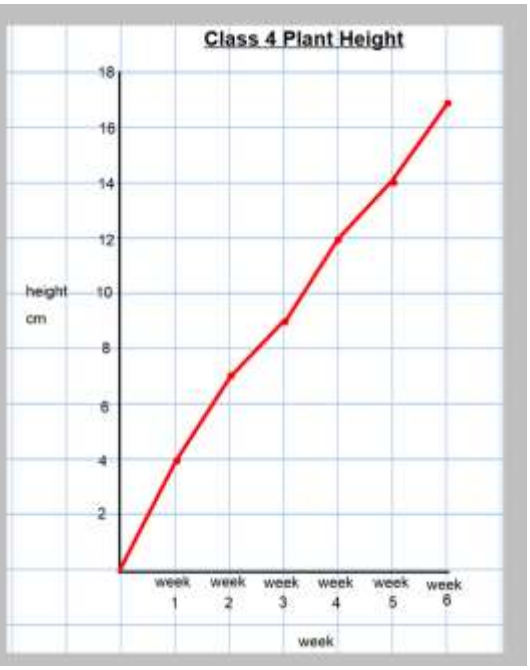
Create a line graph to represent this information.
What scale would you use on the x and y axes?

x axis: one box per week

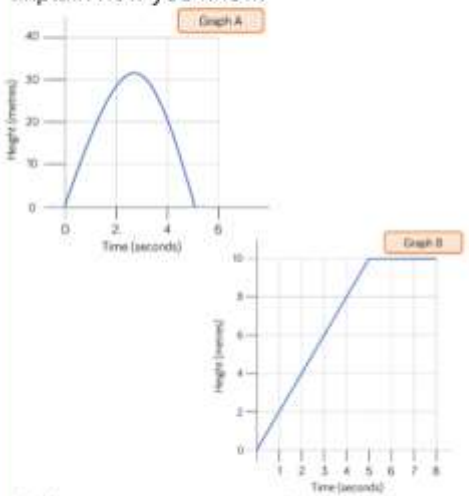
y axis: 2cm per box

Between which two weeks did the plant reach a height of 10 cm?

week 3 and week 4



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.

Graph A
The height of the rocket increases then decreases quickly again, returning to a height of 0 at 5 seconds.

Example story:
A bird flew up from the ground. It continued to fly upwards for 5 seconds then flew at the same height for another 3 seconds.