

Plotting Line Graphs

The table below shows the height of a plant taken over fifteen weeks.

Week	Height
1	1cm
2	1.3cm
3	2cm
4	3.2cm
5	4.5cm
6	6.2cm
7	8.2cm
8	10.4cm
9	12cm
10	13.1cm
11	13.8cm
12	14.3cm
13	14.5cm
14	10cm
15	8.5cm

Draw a line graph in your book and plot this information onto it.

Then answer these questions:

- 1. Between which two weeks did the plant grow the most?**
- 2. What is the difference between the height in week 1 and the height in week 15?**
- 3. What do you think happened in week 14?**
- 4. How tall might the plant have been at 3 and a half weeks?**
- 5. What is the gradient of the graph between week 1 and week 13?**