For Miss Jackson/Mrs Brotherton's Maths group

Tuesday 12th May

WALT: Read and interpret line graphs – ANSWERS

1.

a) What is the height of the sunflower at the start of week 3?

60cm

b) What is the height of the sunflower at the start of week 2?

35cm

c) Eva thinks the height of the sunflower at the start of week 4 is 75 cm. Explain why Eva is wrong.

She has read the graph wrong, it's between 70cm and 75cm.

d) By how much does the sunflower grow from the start of week 3 to the start of week 6?

20cm

2.

a) What was the population at the end of 1980?

7,000

b) What was the population at the end of 2000?

8,500

c) Can you accurately tell the population in 1991? Why?

No. Various reasons acceptable e.g. it's only a bit into a square, it wasn't measured in that year.

d) Which decade had the least population increase? 1980

e) Predict the population at the end of 2020

12,000 – 13,000

3.

a) How many millimetres of rain falls in London in May? `50mm`

b) Which months are the driest in Manchester?

   February and April

c) Which is the wettest month in London? *October*

d) In January, how much more rainfall is there in Manchester than London? `35mm`

CHALLENGE

The first graph matches with the second statement.

Second graph with the third statement.

Third graph with the first statement.