Read and interpret line graphs

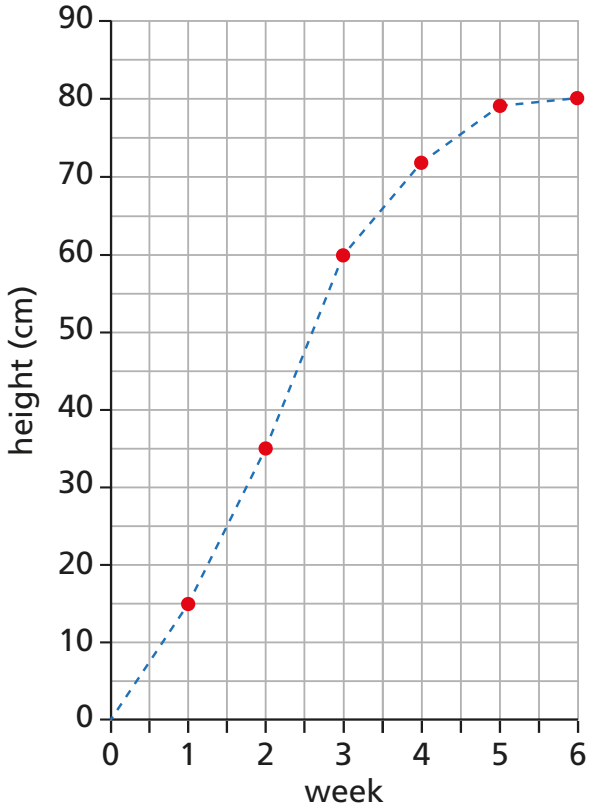
1 The graph shows the height of a sunflower on the first day of each week for 6 weeks.

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

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

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

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



2 The graph shows the population of a town at the end of each decade from 1950 to 2000

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

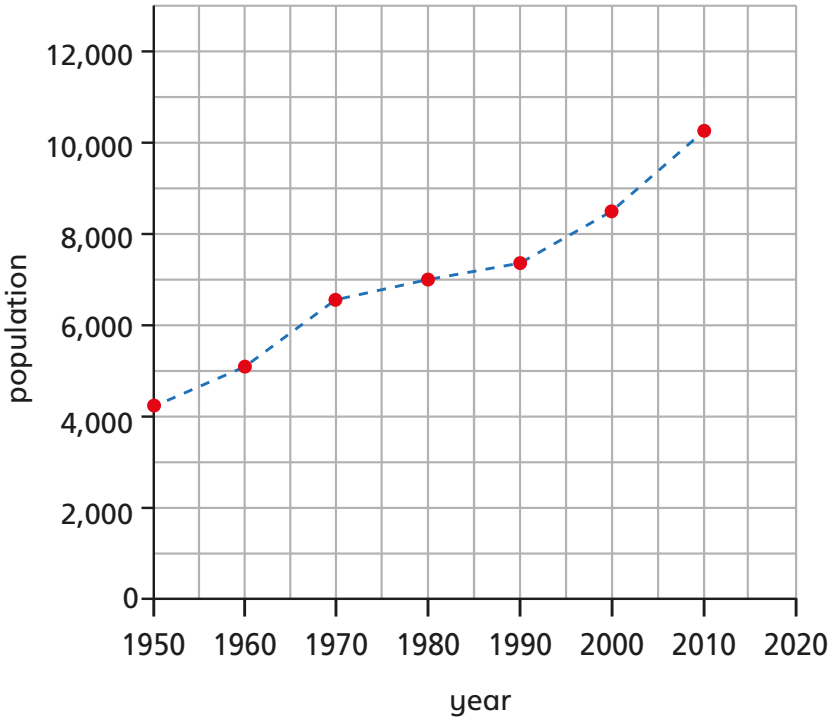
b) What was the population at the end of 2000?

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

d) Which decade had the least population increase?

e) Predict the population at the end of 2020

Compare answers with a partner.



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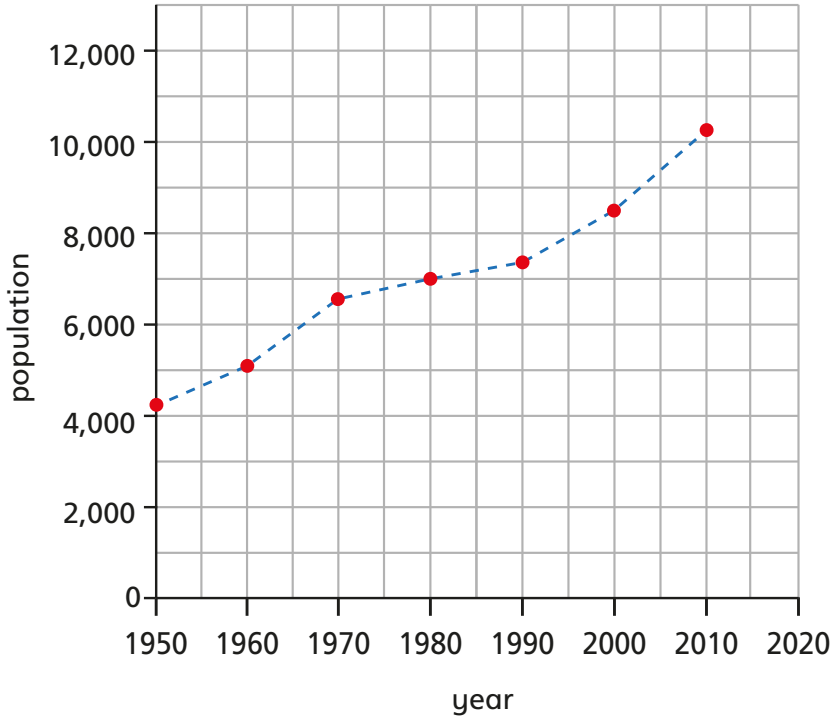
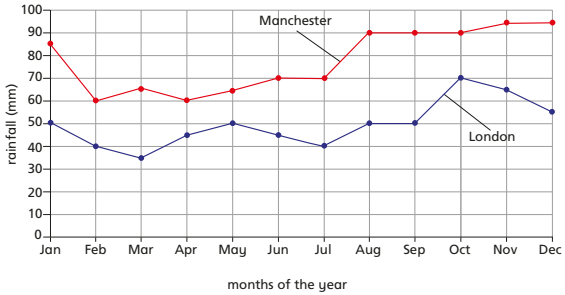


3 This graph shows the average rainfall in London and Manchester to the nearest 5 mm.



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

b) Which months are the driest in Manchester?

c) Which is the wettest month in London?

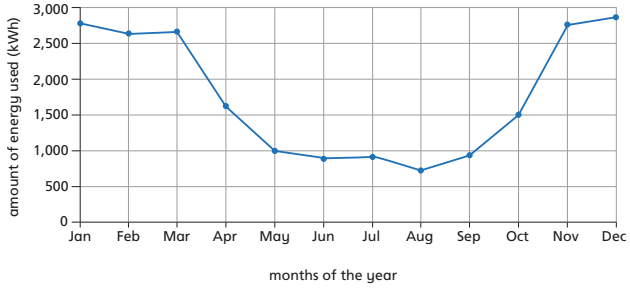
d) In January, how much more rainfall is there in Manchester than London?

e) How many months does it rain more than 50 mm in London and Manchester?

f) How much more rainfall is there in Manchester than London in December?

4 Energy is measured in kWh (kilowatt hours).

This graph shows the amount of energy being used at different times of the year in one household.



Describe three things you know from looking at the graph and three things you could find out.