

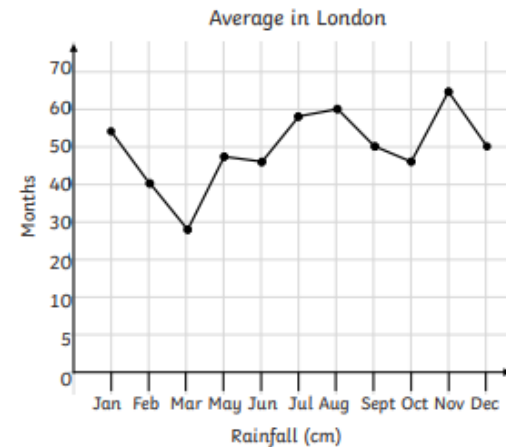
# Statistics - Line Graphs

## Maths Mastery Challenge Cards



### Maths Mastery - Statistics - Line Graphs

1. Explain the mistakes in this line graph showing average rainfall in London, which is drawn from the information in the table.

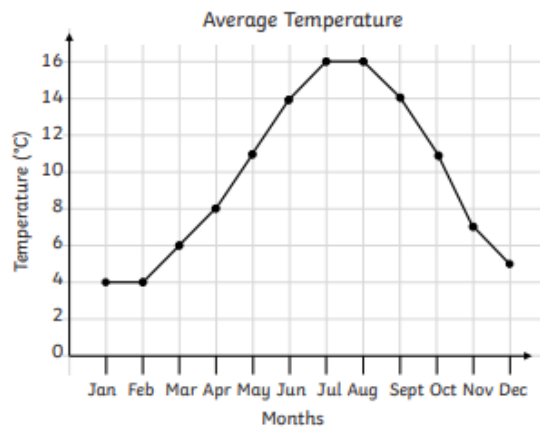


Month	Rainfall (mm)
January	54
February	40
March	28
April	38
May	48
June	46
July	58
August	60
September	50
October	57
November	65
December	50

### Maths Mastery - Statistics - Line Graphs

2. Explain why each of the following statements are true or false.

- The lowest temperature is 5°C
- The difference between the highest and lowest temperature is 12°C.
- The temperature rose 11°C from March to May.
- The largest fall in temperature was from October to November.



### Maths Mastery - Statistics - Line Graphs

3. This graph shows the length of a shadow at each hour:

- When was the shadow shortest?
- What was the difference between the shortest and longest shadow?
- By how much did the shadow change between 8:00am and 10:00am?
- What time would you expect the shadow to be 120cm again?

