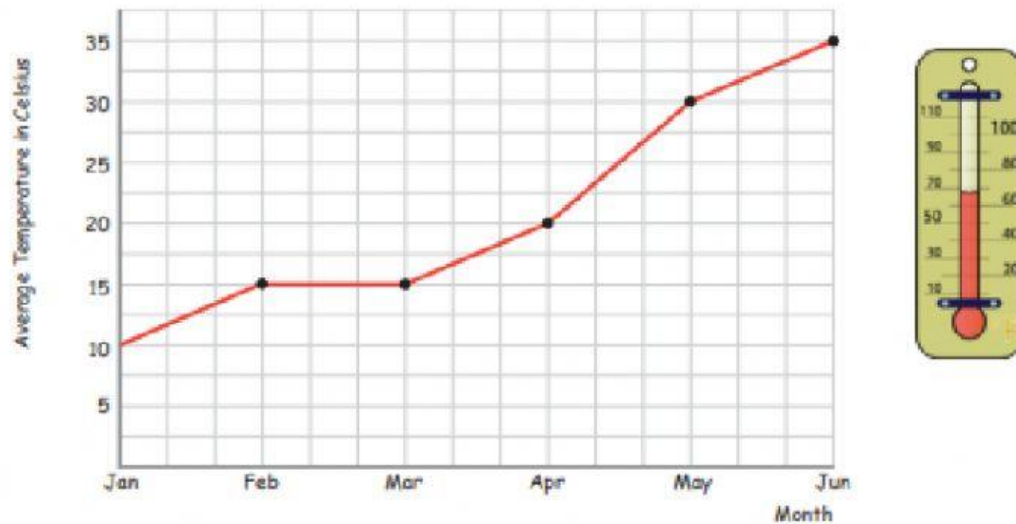


Concept CW_Grade-6_Data Handling

The Interpretation of Line Graphs

Analyze the line graph, complete the data table and answer the questions.

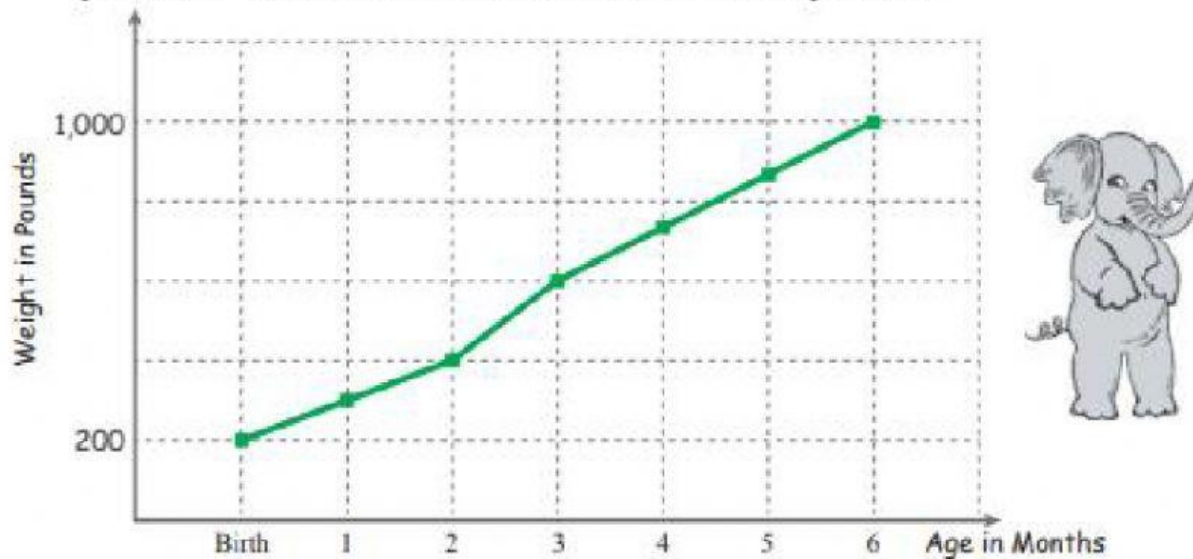


- 1) Complete the data table

Month	Jan	Feb	Mar	Apr	May	Jun
Temp						

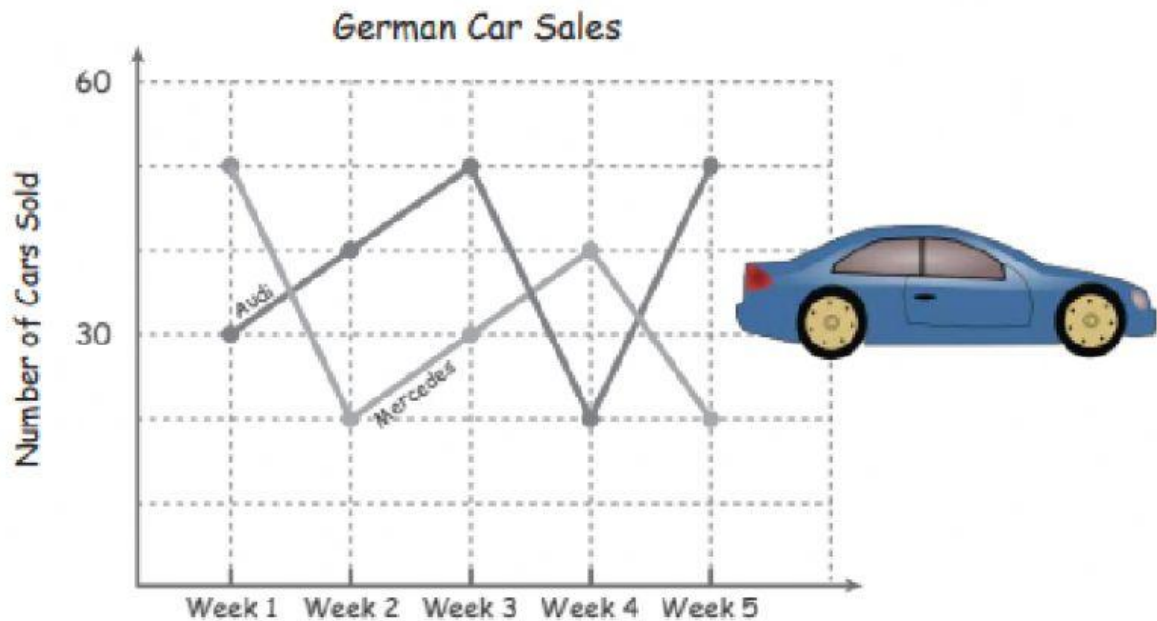
- 2) In which month was the average temperature 30 degrees Celsius?
- 3) In which 2 months was the average temperature the same?
- 4) In which months was the average temperature higher than 20 degrees?
- 5) How much did the average temperature increase between January and April?
- 6) Between which 2 months was the increase of average temperature the biggest?

The beautiful Singapore Zoo keeps track of the weight of all their animals. The following graph shows the weight gain of a baby elephant during a period of 6 months. Use the information to answer the questions.



- 1) What was the actual weight gain of the elephant in its first 6 weeks?
- 2) What was the percentual weight gain in those first 6 weeks?
- 3) Between which 2 weeks was the percentual weight gain the highest?
- 4) What was the ratio of its weight in week 3 to that in week 6?
- 5) What was the elephants weight in kilo grams in week 6 (1 pound = 0.454 kg)?
- 6) What do you think this elephants weight will be after 10 weeks?

The following line graphs show the number of cars a German car dealer sold in a period of 5 weeks. Use the presented information to answer the questions.



- 1) What is the ratio of sold Audis to that of Mercedes cars in week 1?
- 2) What is the ratio of sold Audis to that of Mercedes cars in the first 4 weeks?
- 3) How many Audis and Merces did the car dealer sell in total in these 5 weeks?
- 4) What percentage of the total cars was sold in week 5?
- 5) What was the average number of sold Audis per week in this period ?
- 6) The average price of an Audi is \$70,000 and that of a Mercedes \$80,000. How much did the dealer earn in week 2 on Audis and Mercedes cars?