Codeyoung

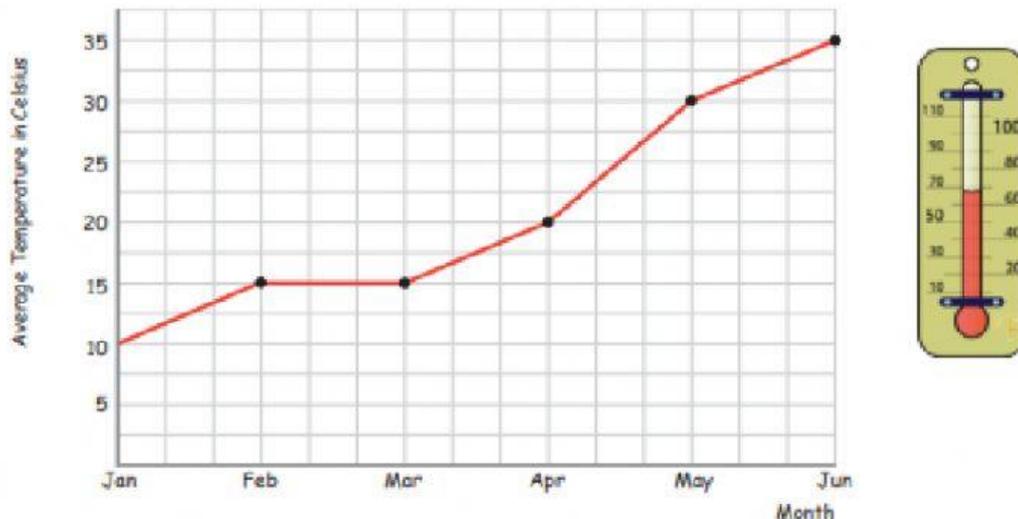# Concept CW_Grade-6_Data Handling

The Interpretation of Line Graphs

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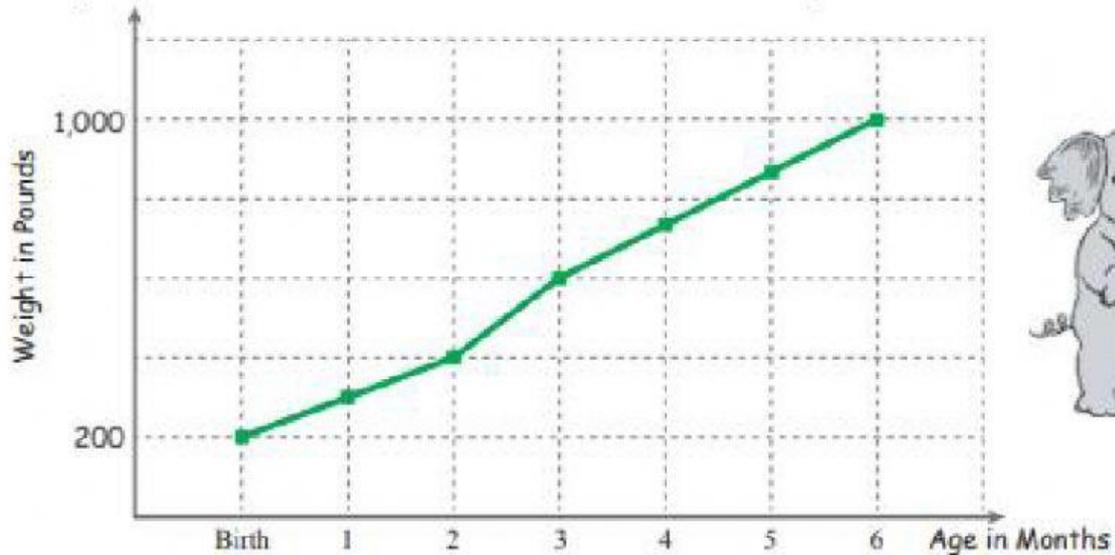

1) Complete the data table

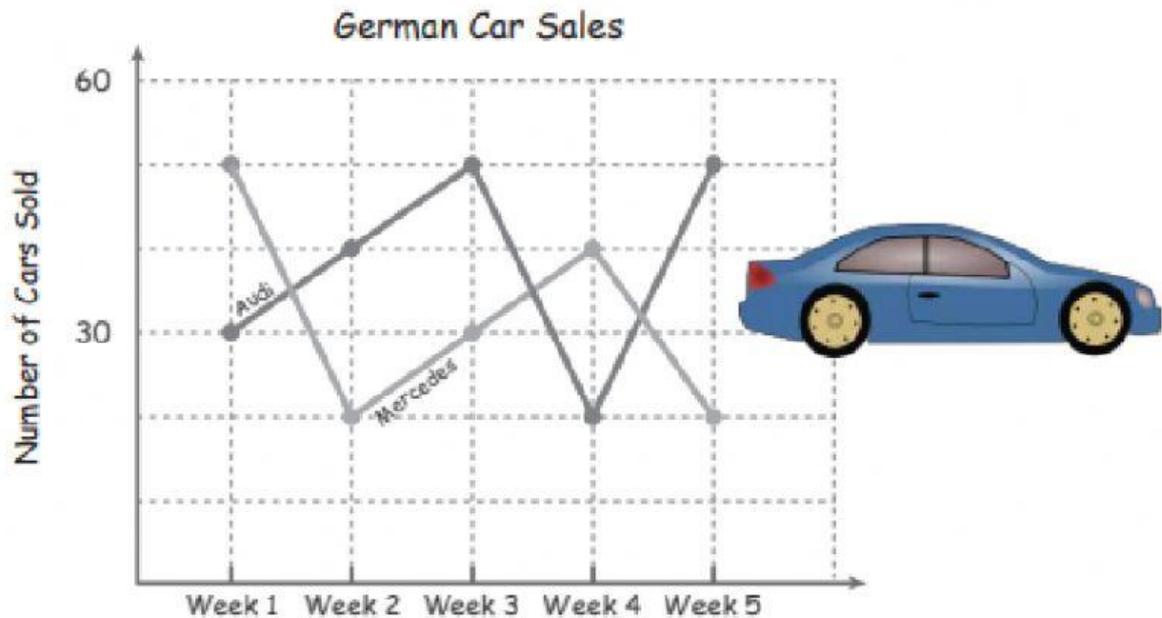| Month	Jan	Feb	Mar	Apr	May	Jun
Temp						

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 infomation 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.

German Car Sales

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 Mercs 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?