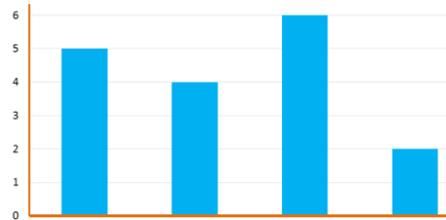


Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

- Here is a graph showing how a group of children travel to school.



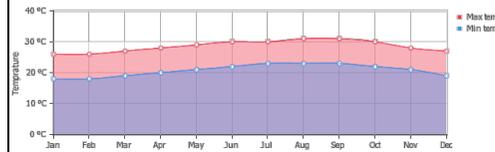
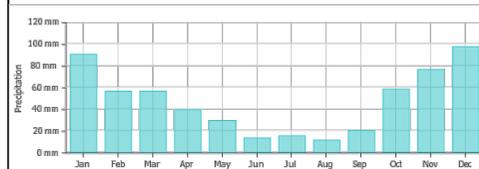
Car Bus Walk Bike

How many children get the bus to school?
What is the most/ least popular way to get to school?

- Produce your own bar chart showing how the children in your class travel to school.
- Here is a table with data from a bakery on how many cakes they sold each day. Choose a way to represent this data.

M	T	W	Th	F	Sa	Su
34	43	46	55	72	86	76

- Here are two graphs showing the amount of precipitation and the temperature in Hawaii. What's the same and what's different?

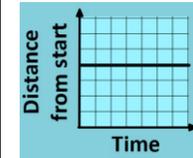


Draw a graph that has both the rainfall and the maximum temperature on it.
How could you complete the graph?
How could you place both scales on one graph?

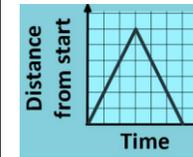
What do you notice about the different seasons in Hawaii? When is the most/least rainfall?

Choose your own place in the world and find out the rainfall and temperature. Plot it on a bar graph and time graph.

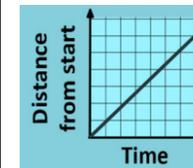
- Can you match the graph to the activity?



A bike travels away from home at a steady speed



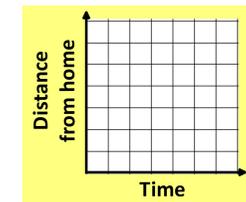
A car remains parked in a car park.



A runner runs at a steady pace to the end of a track and then runs back.

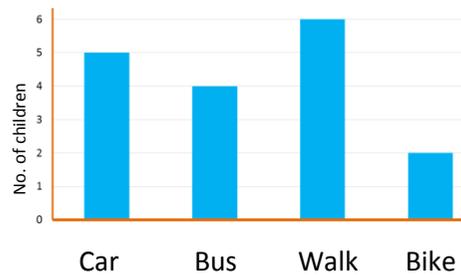
- Draw a distance time graph to show the following story.

A man goes out for a walk with his dog. He stops at the shop to buy a paper. He walks home quickly.



Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

- Use the graph to answer the questions below.



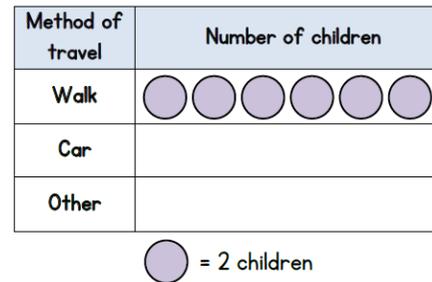
How many more children walk to school than go on a bike?
 How many children were asked altogether?
 How many children come to school on a car or a bus?

- Use the data in the table to answer the questions below.

Colour	Number of cars
Black	9
Red	10
Silver	7
Blue	14

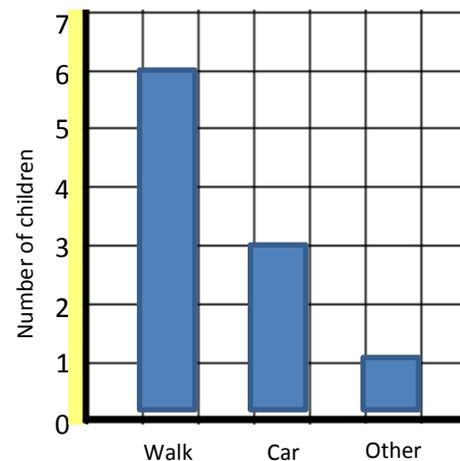
How many cars were seen altogether?
 Half of the cars were _____.
 7 more cars were ____ than _____.
 24 cars were _____ and _____.
 Three quarters of the cars were _____, _____ and _____.

- Class 2 are doing a survey. They ask 20 children this question. "How do you travel to school?" Some results are shown in the pictogram.

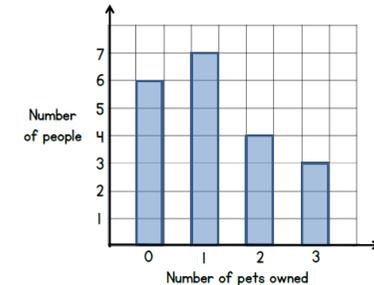


The number of children who travel by car is half the number who walk to school. Complete the pictogram.

- Here is a bar graph showing the same data as above. Explain what mistake has been made.



- Year 4 are doing a survey. They ask 20 people the question 'How many pets do you own?' The results are shown in this bar chart.



How many pets in total do these people own?

- Here is a graph with a result missing. Use the clues to complete the graph.



- Find the difference between the February and September temperatures.
- Divide this by the difference between the November and March temperatures.
- Now, add the difference between the April and October temperatures.