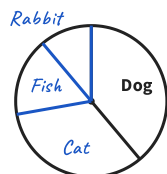


1 Drawing pie charts

18 students chose a pet. Each student is 20° .

- a) Complete the angle column.
b) Draw the rest of the pie chart.

Pet	Frequency	Angle
Dog	7	140°
Cat	6	120°
Fish	3	60°
Rabbit	2	40°
Total	18	360°

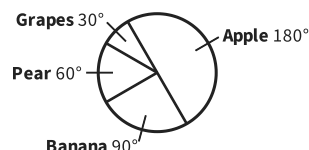


a) Cat $6 \times 20 = 120^\circ$, and so on

2 Reading pie charts

60 people chose their favourite fruit.

- a) What fraction chose banana?
b) How many people chose apple?



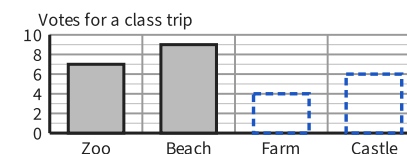
a) 90° of 360° : $\frac{1}{4}$ b) half of $60 = 30$

3 Bar charts: drawing

The table shows the votes for a class trip.

- a) Draw the bars for Farm and Castle.
b) How many votes were there altogether?

Trip	Votes
Zoo	7
Beach	9
Farm	4
Castle	6

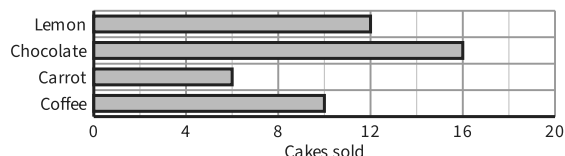


b) $7 + 9 + 4 + 6 = 26$

4 Bar charts: reading

The bar chart shows the cakes sold at a stall.

- a) How many chocolate cakes were sold?
b) How many more lemon than carrot cakes were sold?



a) 16
b) $12 - 6 = 6$

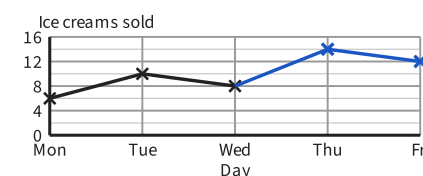
Processing, representing and interpreting data

Foundation B

5 Line graphs: drawing

- a) Plot Thursday and Friday and join the points.
b) On which day were the most ice creams sold?

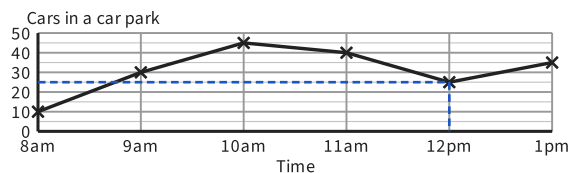
Day	Ice creams
Mon	6
Tue	10
Wed	8
Thu	14
Fri	12



b) Thursday (14)

6 Line graphs: reading

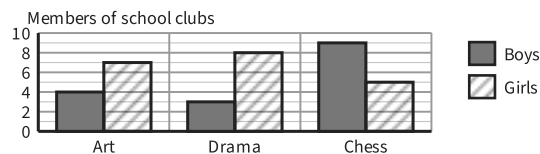
- a) How many cars were in the car park at 10am?
b) At what time were there 25 cars?



a) 45
b) 12pm

7 Comparative bar charts

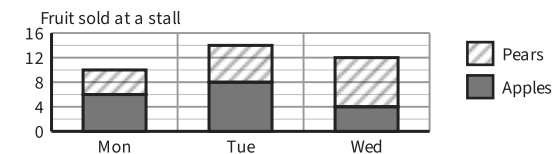
- a) How many girls are in the drama club?
b) How many more boys than girls are in the chess club?



a) 8
b) $9 - 5 = 4$

8 Composite bar charts

- a) How many apples were sold on Monday?
b) How many pieces of fruit were sold on Tuesday?



a) 6 b) 14