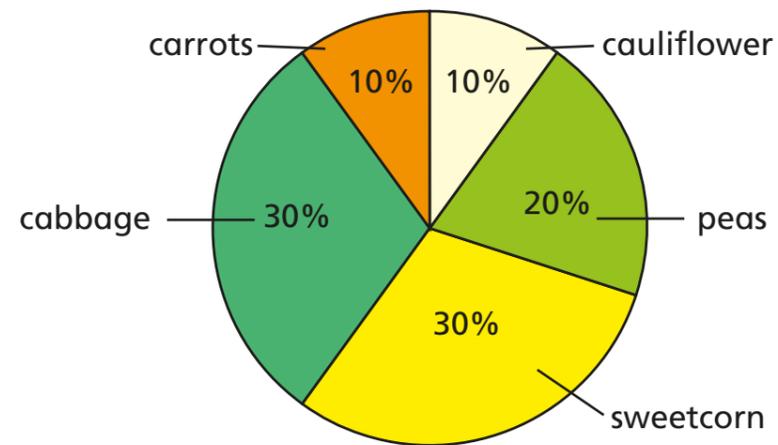


Pie charts with percentages



- 1 60 children were asked to choose their favourite vegetable from five options.



- a) Work out the number of children who chose each vegetable.

carrots

peas

sweetcorn

cabbage

cauliflower

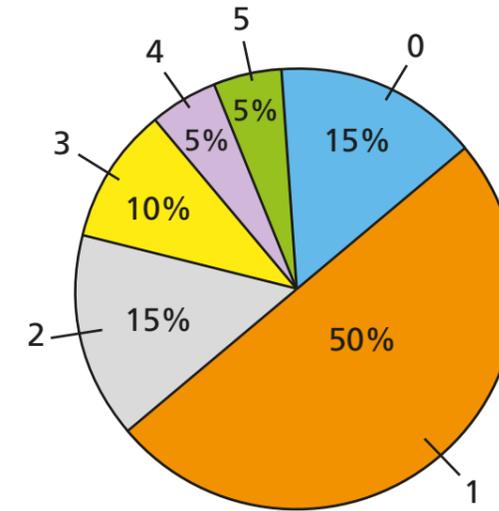
- b) How many more people chose peas than cauliflower?

Compare methods with a partner.

- c) How many more people chose sweetcorn or cabbage than chose carrots?

Compare methods with a partner.

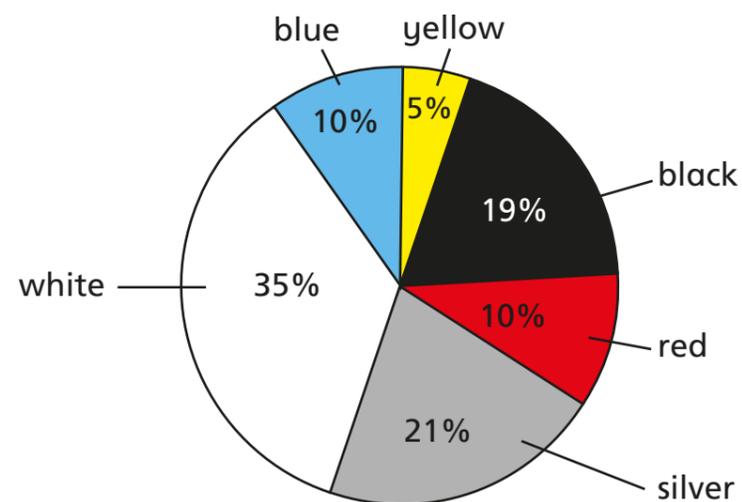
- 2 160 people were asked how many siblings they have. The results are shown in the pie chart.



Complete the table. Show each step of your workings.

Siblings	Frequency
0	24
1	80
2	24
3	16
4	8
5	8

- 3 The pie chart shows the colours of cars in a car park on one day. There were 30 yellow cars.



- a) How many cars were in the car park in total?

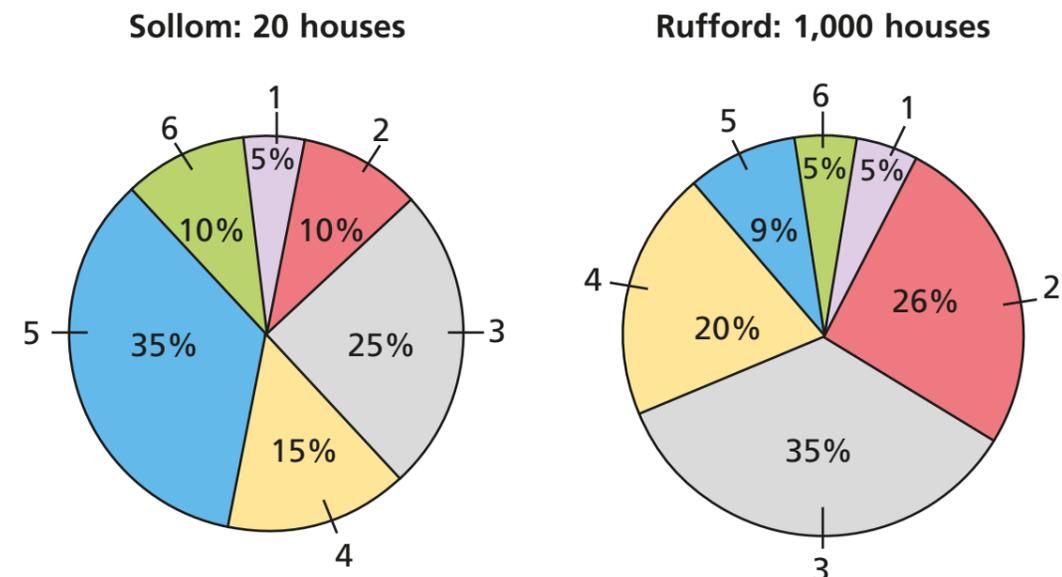
600

- b) Complete the table.

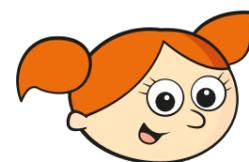
Colour of car	Frequency
yellow	30
black	114
red	60
silver	126
white	210
blue	60

How can you check your answers?

- 4 The pie charts show the number of bedrooms in the houses in Sollom and Rufford.



- a)



There are twice as many six-bedroom houses in Sollom than in Rufford because 10% is double 5%.

Do you agree with Alex? NO

Explain why.

There are a different number of houses. 10% of 20 is 2, 5% of 1000 is 50. 2 is not double 50.

- b) How many more one-bedroom houses are there in Rufford compared to Sollom?

49

