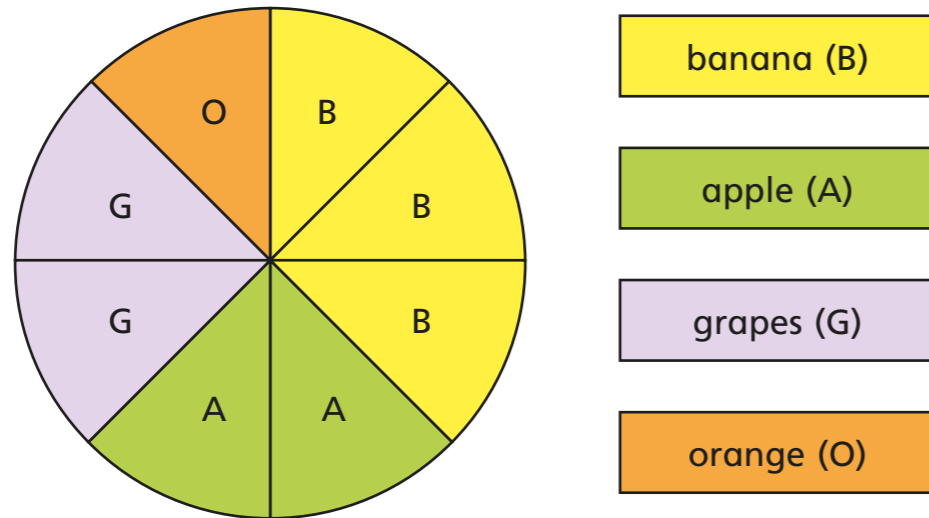


# Read and interpret pie charts

1 The pie chart shows the favourite fruit of 48 children.



a) How many children chose banana?



b) How many children chose apple?

c) What fraction of the children chose orange?

d) What fraction of the children chose grapes?

18

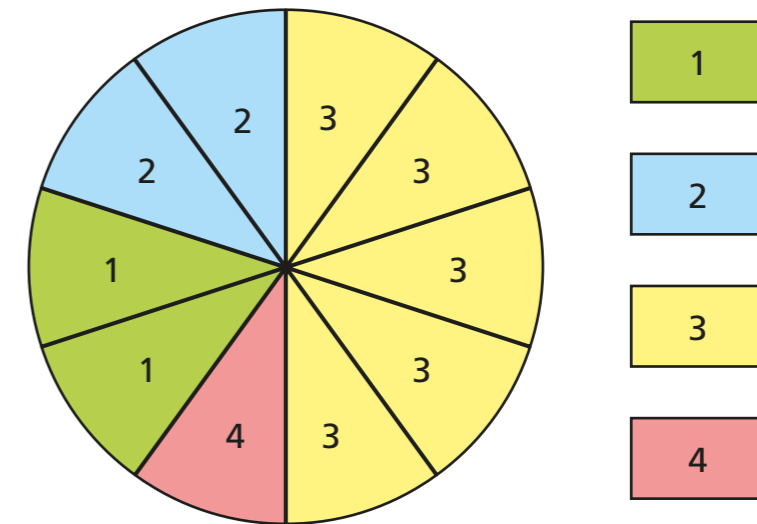
12

$\frac{1}{8}$

$\frac{1}{4}$

2 A survey asked 1,200 people how many televisions they have in their home.

The results are shown in the pie chart.



a) How many people have two televisions in their home?

240 people

b) How many people have more than two televisions in their home?

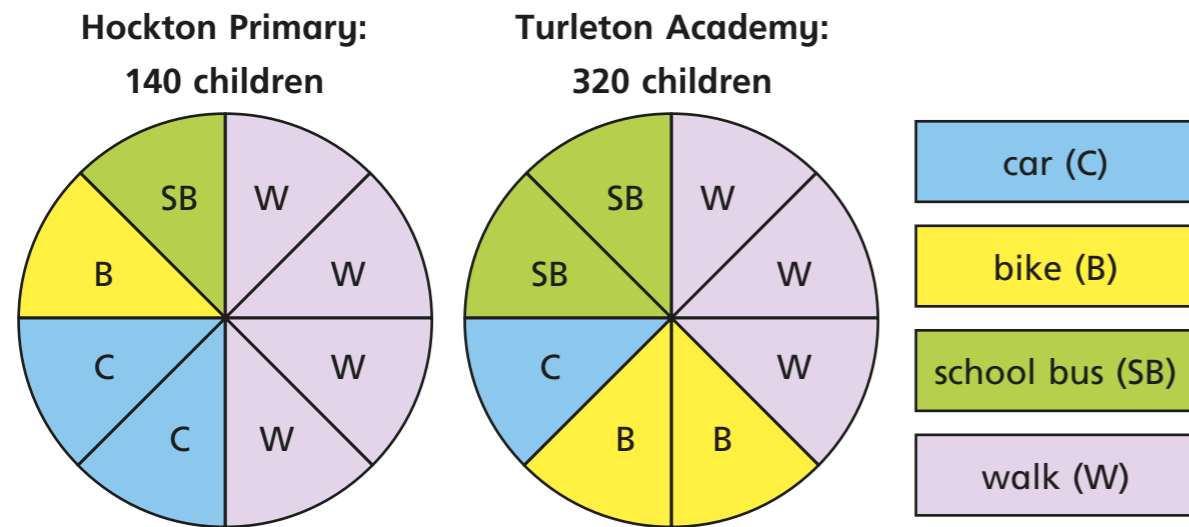
720 people

c) What fraction of the people have fewer than three televisions in their homes?

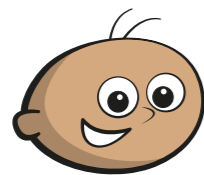
Give your answer in its simplest form.

$\frac{5}{12}$

- 3 Children from two schools were asked how they travel to school. The results are shown in the pie charts.



a)



More children from Hockton Primary walk to school because more pieces show 'walk'.

Do you agree with Tommy? No

Explain your answer.

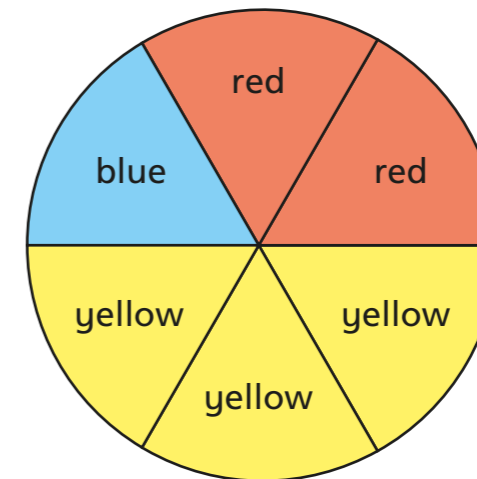
There are more children at Turleton Academy.  
120 walked whereas only 70 from Hockton.

b) How many children from each school travel by car?

Hockton Primary 35

Turleton Academy 40

- 4 A bag contains red, yellow and blue counters. The pie chart shows the proportion of counters of each colour.



- a) There are 30 red counters in the bag.  
How many counters are in the bag in total?

90 counters

- b) What is the difference between the number of blue counters and the number of yellow counters?

30 counters

- c) Complete the sentences.

There are half as many blue counters as red counters.

There are three times as many yellow counters as blue counters.