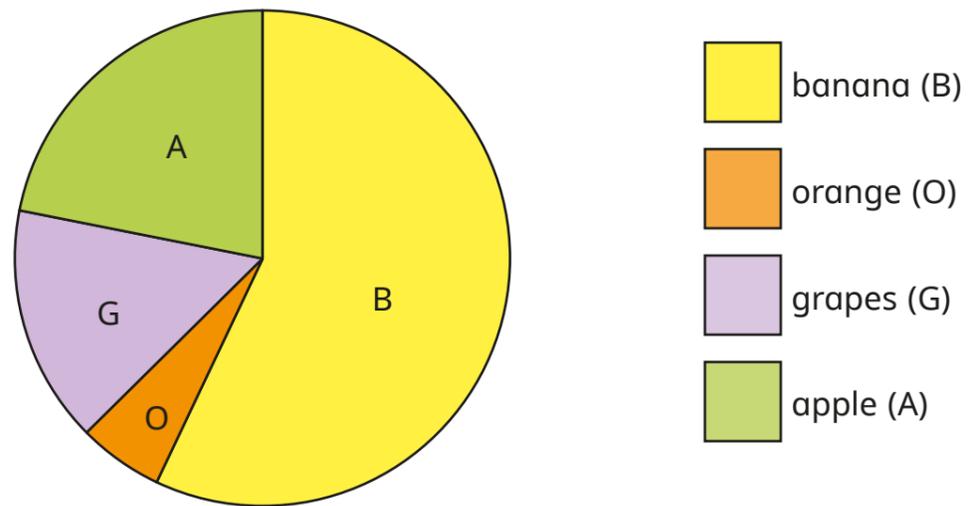


# Read and interpret pie charts

- 1 Some children were asked to name their favourite fruit from four options.



Write or circle the word to complete the sentences.

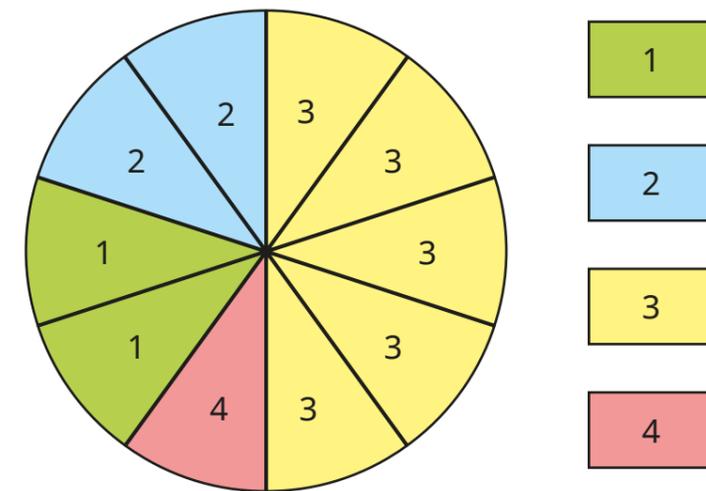
- a) The most popular fruit is \_\_\_\_\_
- b) The least popular fruit is \_\_\_\_\_
- c) **More / less** than half of the children chose banana as their favourite fruit.
- d) **More / less** than one-quarter of the children chose apple as their favourite fruit.
- e) More children chose grapes than \_\_\_\_\_
- f) Fewer children chose apples than \_\_\_\_\_

What else can you find out from the pie chart?



- 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?

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

- c) What fraction of the people surveyed have four televisions in their home?

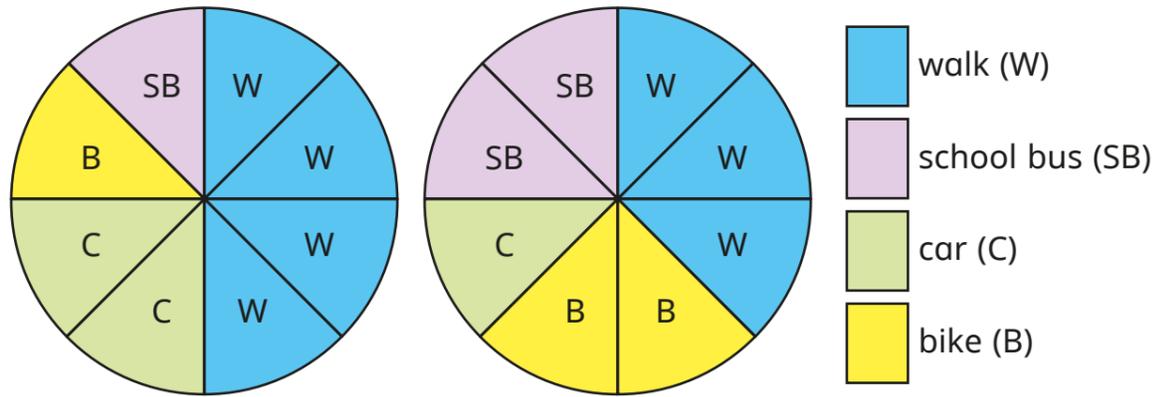
- d) What fraction of the people surveyed have fewer than three televisions in their home?

Give your answer in its simplest form.

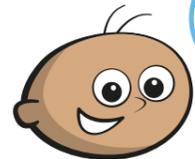
- 3 Children from two schools were asked how they travel to school. The results are shown in the pie charts.

**Hockton Primary:**  
160 children

**Turleton Academy:**  
320 children



a)



More children from Hockton Primary walk to school because more pieces of the pie chart show 'walk'.

Do you agree with Tommy? \_\_\_\_\_

Explain your answer.

---



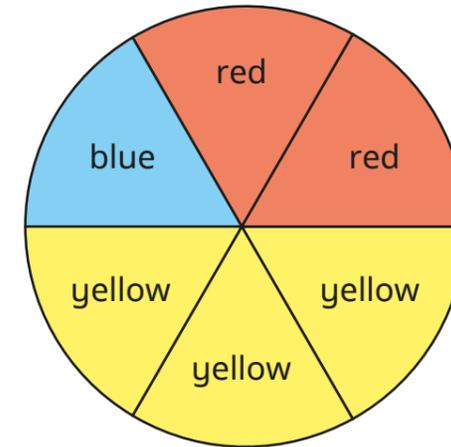
---

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

Hockton Primary

Turleton Academy

- 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 there in the bag in total?

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

c) Complete the sentences.

There are half as many \_\_\_\_\_ counters as \_\_\_\_\_ counters.

There are three times as many \_\_\_\_\_ counters as \_\_\_\_\_ counters.