

9/2/21

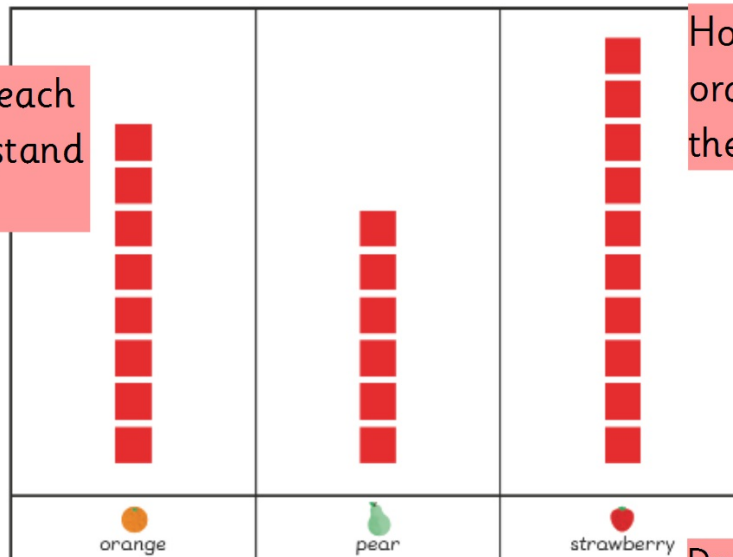
Drawing Bar Graphs

Lesson
2

In Focus

Ravi draws a picture graph to show the number of fruits in three baskets.

Number of Fruits in the Baskets



What does each red square stand for?

How many oranges were there?

Do you know any other types of graphs?

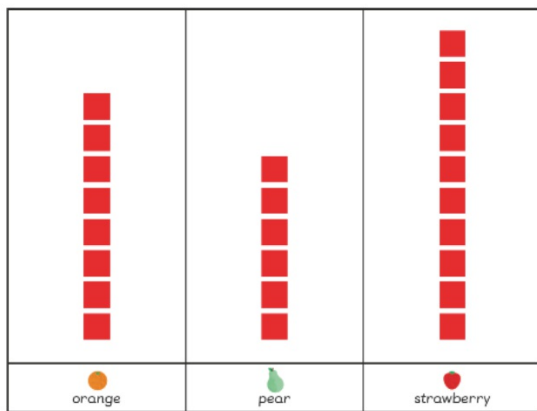
Each  stands for 1 fruit.

How can Ravi draw another graph to show the same information?

What other graphs do you know of?



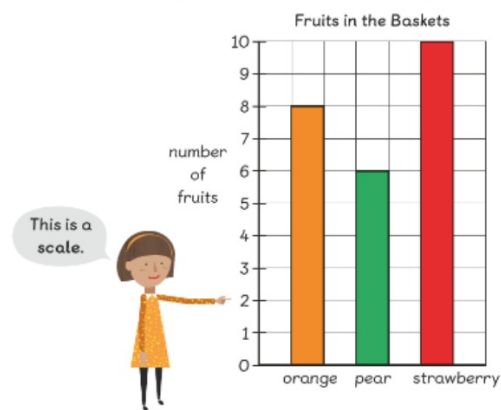
Number of Fruits in the Baskets



Each  stands for 1 fruit.

Let's Learn

We can use a bar graph to show the number of each type of fruit.



Can you see any similarities between the picture graph and the bar graph.

What are the differences?

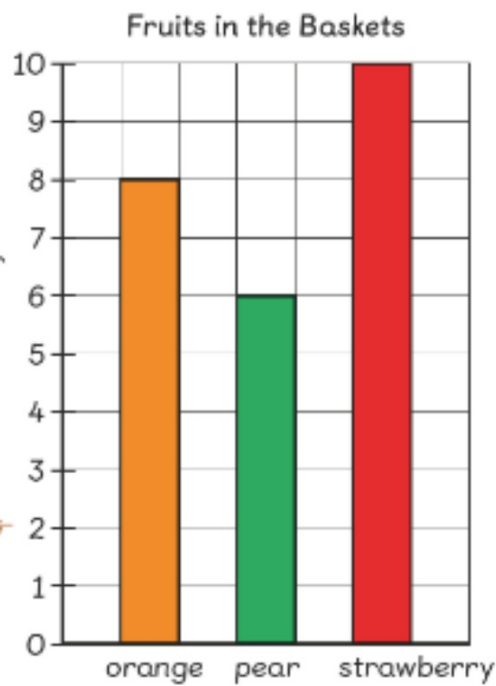
The numbers down the side tell us how many fruits there are.

The scale reads the number of fruits

This is a scale.



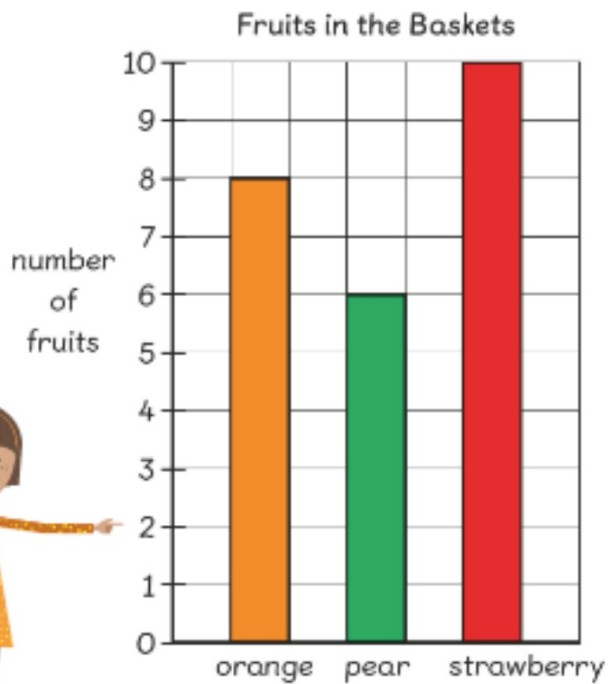
number of fruits



2

This is a bar graph

In a bar graph, we don't need to count the number like we do in the picture graph; instead we can tell the number by reading the 'scale'.



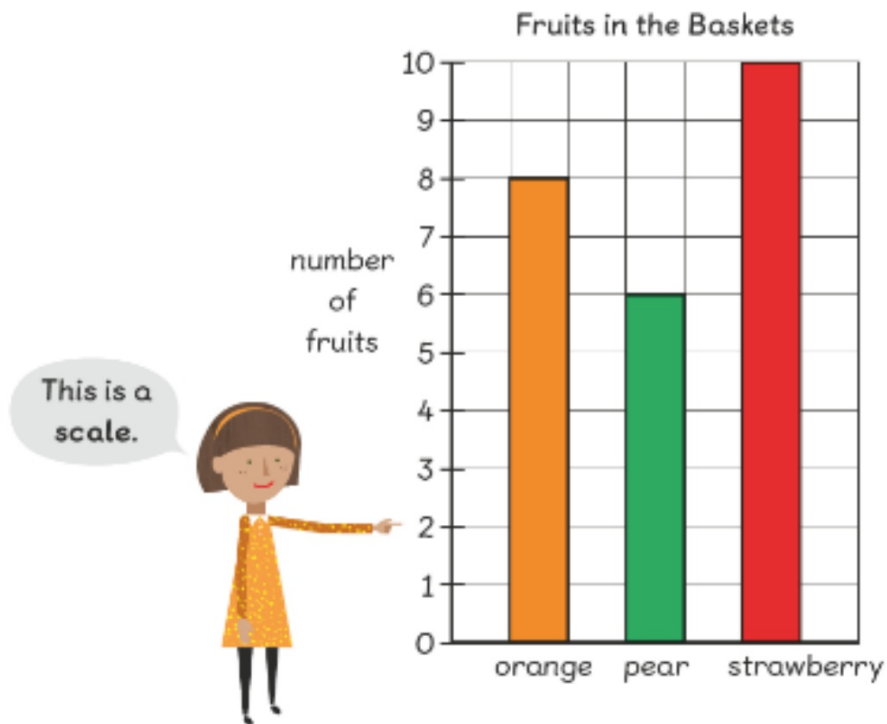
This is a scale.



Watch video clip "Explanation 1"

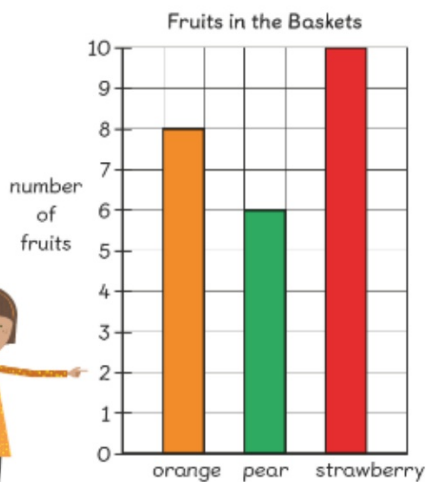


We read the 'scale' for each of the bars



Let's Learn

We can use a bar graph to show the number of each type of fruit.



This is a scale.



Which is the largest group of fruit?

Which is the smallest group of fruit?

Can we find how many more the largest group have by looking at the graph?

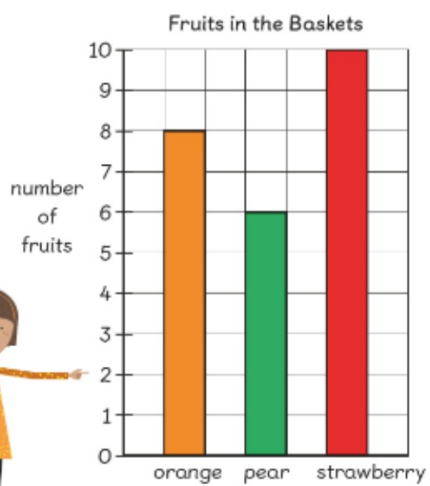
How can we find the difference?

How many more oranges there are than pears?

Watch video clip "Explanation 2" 

Let's Learn

We can use a bar graph to show the number of each type of fruit.



This is a scale.

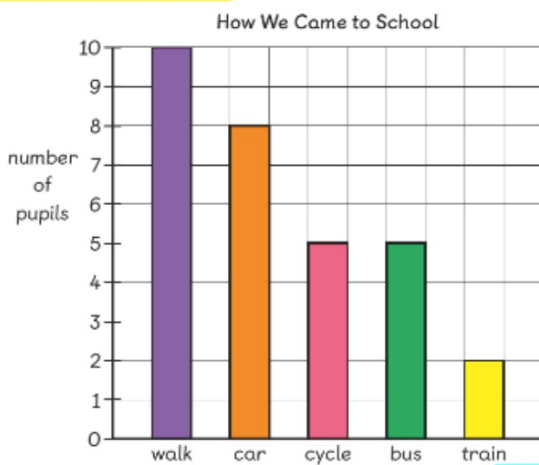


There are 6 pears.
There are 2 more oranges than pears.
The largest group is the strawberries.

The number of fruits can be read from the scale on the left.



Guided Practice



Have a go at interpreting the graph on your own then watch the explanation video to see if you were right.

Watch video clip
"Explanation 3"



Pupils in a class were asked how they came to school that day.

- (a) How many pupils walked to school?
- (b) The number of pupils who came by car is less than the number of pupils who walked.
- (c) Is Hannah correct? Explain.

There were more pupils who walked to school than those who did not.



- (d) There were pupils in the class that day.

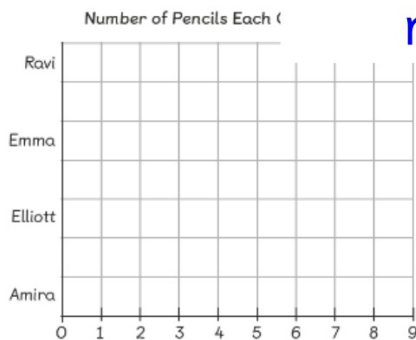
Complete the worksheets.

Drawing Bar Graphs

1 The table below shows the number of pencils each child has.

child	number of pencils
Ravi	4
Emma	
Elliott	
Amira	

Draw a bar graph to show the number of pencils each child has.

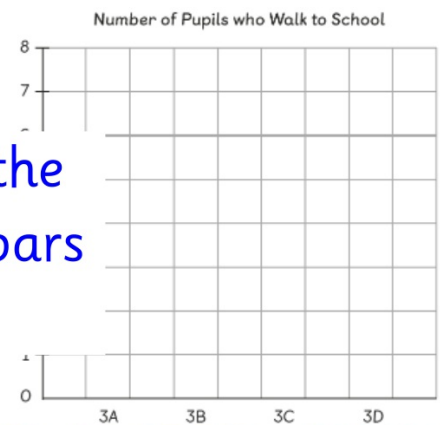


Horizontally

2 The table below shows the number of pupils who walk to school.

class	number of pupils
3A	3
3B	6
3C	1
3D	5

Draw a bar graph to show the number of pupils who walk to school.



Vertically

Next page

Complete the worksheets.

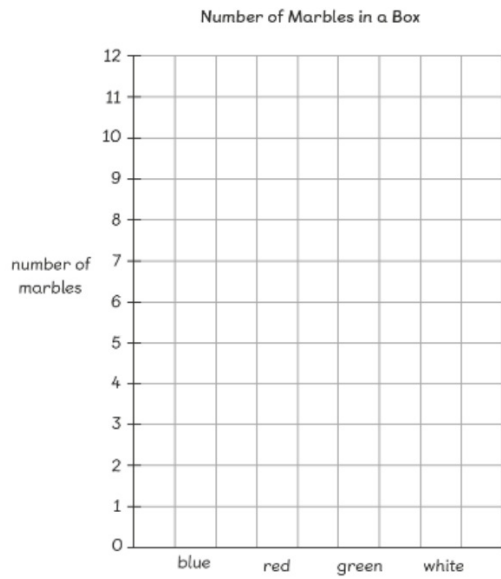
3 The table below shows the number of different-coloured marbles found in a box.

colour	number of marbles
blue	10
red	12
green	9
white	4

(a) Look at the table above and complete the tally chart below.

colour	number of marbles
blue	### ###
red	
green	
white	

(b) Based on the table, draw a bar graph to show the number of different-coloured marbles found in the box.



(c) There are more red marbles than white marbles in the box.