

10/2/21

Reading Bar Graphs

Lesson
3

In Focus

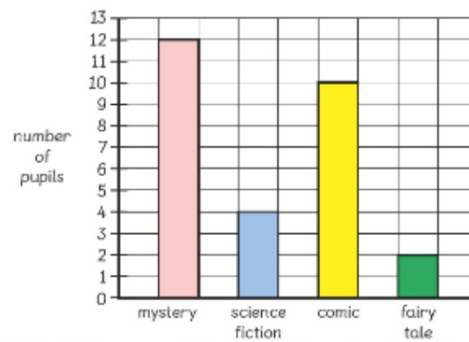
Ravi and Lulu asked the pupils in a class to name their favourite type of book.

Favourite Type of Book

type of book	number of pupils
mystery	### ### //
science fiction	////
comic	### ###
fairy tale	//

What information can you learn from the graph?

This bar graph shows the same information.



Reading Bar Graphs

In Focus

Ravi and Lulu asked the pupils in a class to name their favourite type of book.

I know which book is the most popular and least popular.

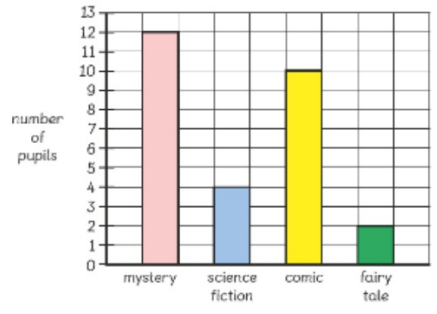
I think it only shows you how many books the children read.



Favourite Type of Book

type of book	number of pupils
mystery	### ### //
science fiction	////
comic	### ###
fairy tale	//

This bar graph shows the same information.



Is this true?

Does the graph show this kind of information?

Reading Bar Graphs

Lesson 3

In Focus

Ravi and Lulu asked the pupils in a class to name their favourite type of book.

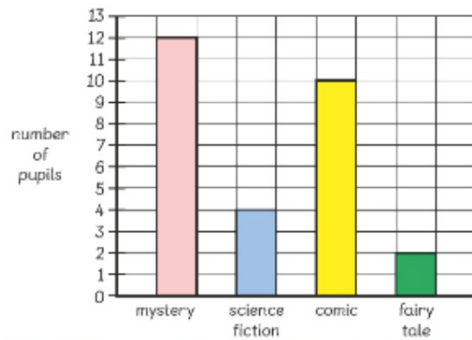
Favourite Type of Book

type of book	number of pupils
mystery	### ### //
science fiction	////
comic	### ###
fairy tale	//

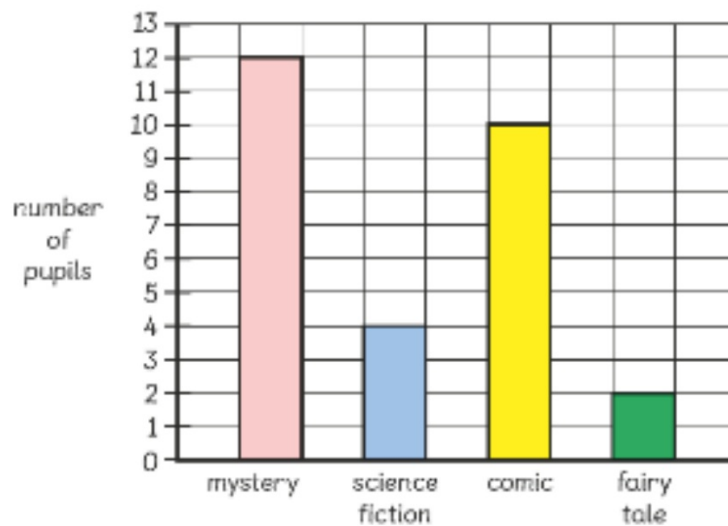
Discuss what the graph is actually showing



This bar graph shows the same information.

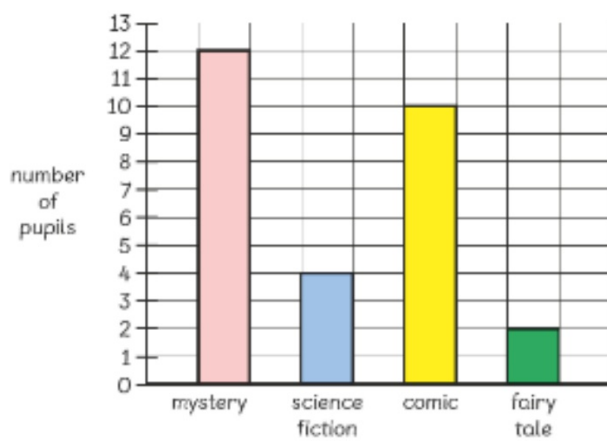


Think of as many questions as you can that you could ask using the information from this graph.



Have a go at answering your own questions.

Let's Learn

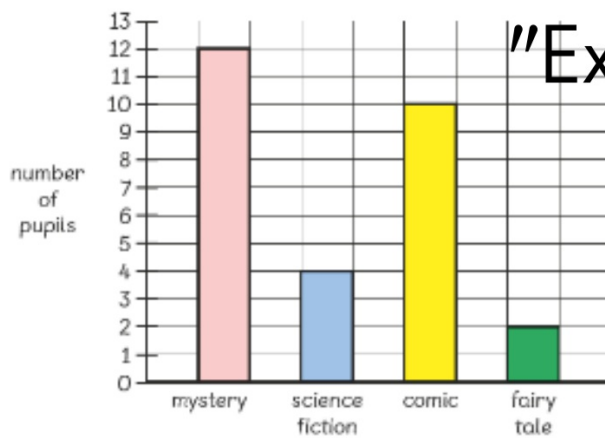


The bar graph shows the number of pupils in a class who like to read different types of books.

- 1 Which type of book is the most popular?

Let's Learn

Watch video clip
"Explanation 1"



The bar graph shows the number of pupils in a class who like to read different types of books.

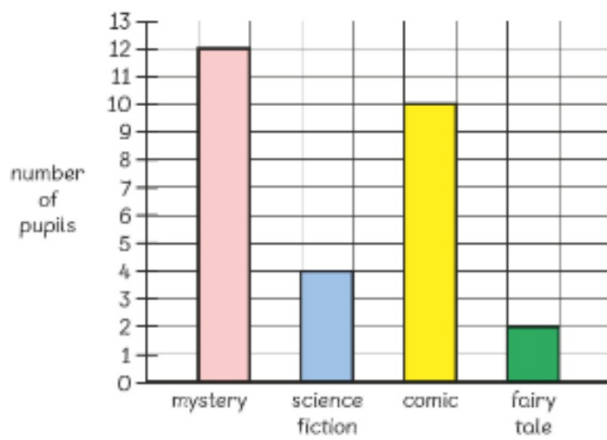
- 1 Which type of book is the most popular?

Mystery books are the most popular.

The most popular type of book is the one chosen by the most pupils.



Let's Learn

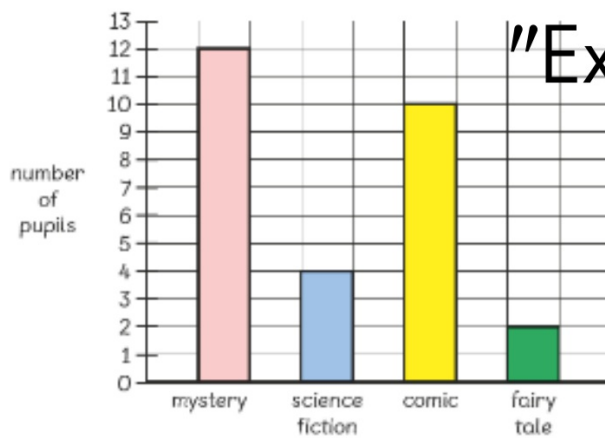


The bar graph shows the number of pupils in a class who like to read different types of books.

- 2 How many more pupils like to read comic books than science fiction books?

Let's Learn

Watch video clip
"Explanation 2"



The bar graph shows the number of pupils in a class who like to read different types of books.

- 2 How many more pupils like to read comic books than science fiction books?

10 pupils like to read comic books.

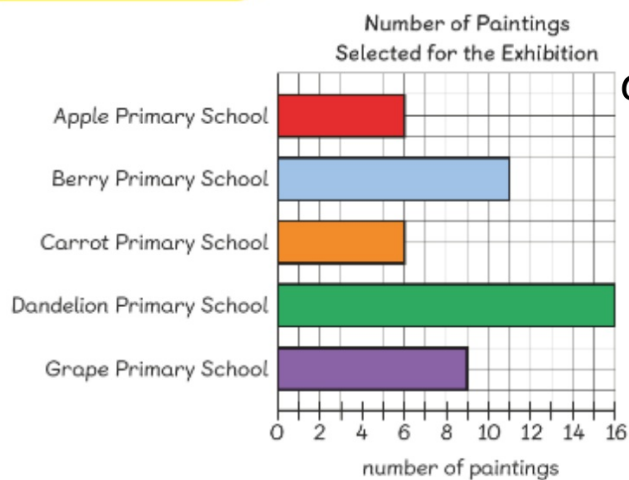
4 pupils like to read science fiction books.

6 more pupils like to read comic books than science fiction books.

$$10 - 4 = 6$$



Guided Practice



How is this graph different to the last one?

Have a go, then watch me.

Answer each of the following questions.

(a) Which school has the most paintings at the exhibition?

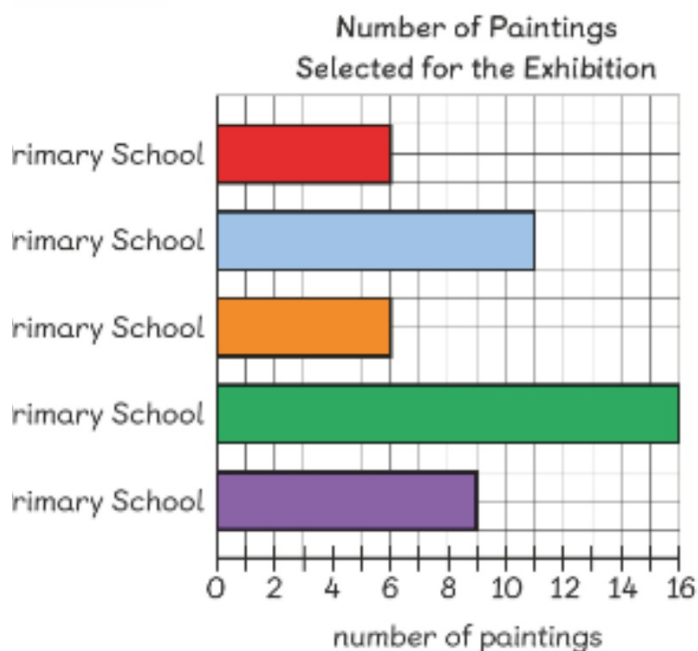
(b) How many paintings does Carrot Primary School have at the exhibition?

(c) How many paintings does Grape Primary School have at the exhibition?

(d) Berry Primary School has more paintings than Apple Primary School has at the exhibition.

How is this graph different to the last one?

Practice



Answer each of the following questions.

- (a) Which school has the most paintings at the exhibition?
- (b) How many paintings does Carrot Primary School have?
- (c) How many paintings does Grape Primary School have?
- (d) Berry Primary School has more paintings than Carrot Primary School has at the exhibition.

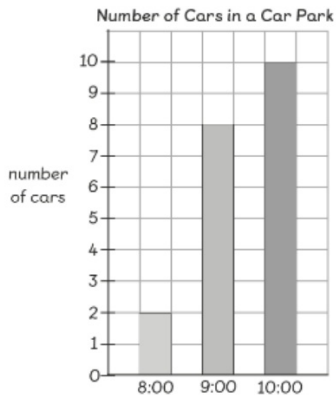
Watch video clip "Explanation 3" 🙄🙄

Complete the worksheets.

Reading Bar Graphs

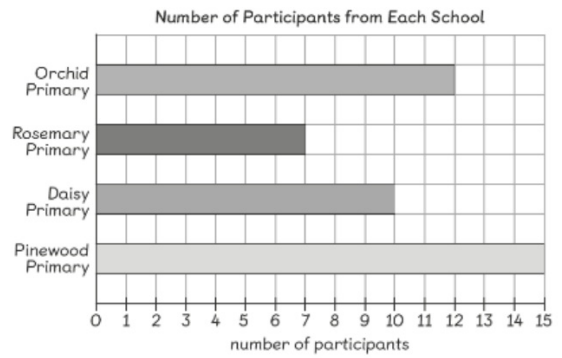
Fill in the blanks.

- 1 The bar graph below shows the number of cars in a car park at different times of the day.



- (a) At what time is the smallest number of cars parked in the car park?
- (b) At what time is the largest number of cars parked in the car park?

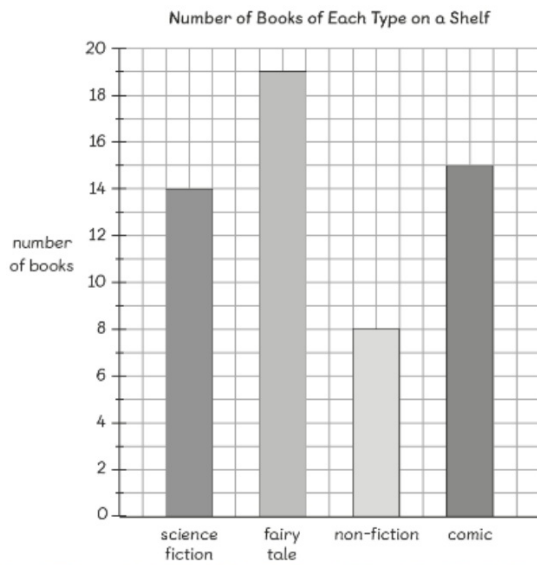
- 2 The bar graph below shows the number of participants from each school in a Maths competition.



- (a) How many participants come from Orchid Primary?
- (b) How many participants come from Pinewood Primary?
- (c) Which school sends the least number of participants?
- (d) Daisy Primary sends more pupils than Rosemary Primary to the Maths competition.

Next page

3 The bar graph below shows the number of books of each type on a shelf.



Complete the worksheets.

- (a) How many science fiction books are there on the shelf?
- (b) How many non-fiction books are there on the shelf?
- (c) Which type has the most books on the shelf?
- (d) Which type has the fewest books on the shelf?
- (e) There are more comics than science fiction books on the shelf.
- (f) There are less non-fiction books than fairy tale books on the shelf.
- (g) Arrange the book types in order, starting with the one that has the smallest number of books on the shelf.

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