





Good morning Year 4s, for maths today, please go to <https://whiterosemaths.com/homelearning/year-4/> and find **Summer term - week 10 -Lesson 1**  
Watch the teaching video 'Interpreting charts' and then complete the worksheet and the **challenge** below.

## Interpret charts

1 The pictogram shows the number of ice creams sold in a shop.

Ice cream flavour	Number of ice creams sold
vanilla	
chocolate	
strawberry	
mint choc	

Key  = 2 ice creams

a) How many vanilla ice creams were sold?

b)



The shop sold 6 chocolate ice creams.

What mistake has Annie made?

---



---

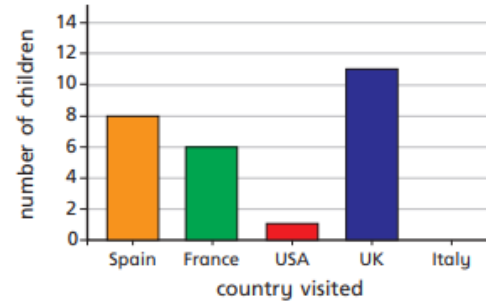
c) How many chocolate ice creams were sold?

d) How many strawberry ice creams were sold?

e) Seven mint choc ice creams were sold.  
Complete the pictogram to show this.



2 The bar chart shows the number of children who went on holiday to some different countries.



a) Complete the table using the information in the bar chart.

Country	Number of children visiting
Spain	
France	
USA	
UK	
Italy	

b) Complete the pictogram using the information in the bar chart.

Country	Number of children visiting
Spain	
France	
USA	
UK	
Italy	

Key  = 4 children

3



Chart A

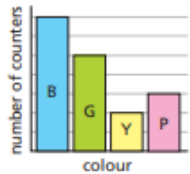


Chart B

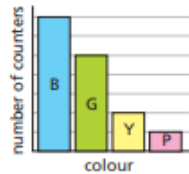
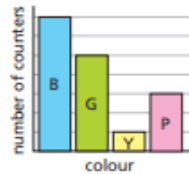


Chart C



Which chart best represents the picture? \_\_\_\_\_

Talk to a partner about the reasons for your choice.

4

Use the clues to label the bar chart.

- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- More people support Halifax Town than support any other team.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.

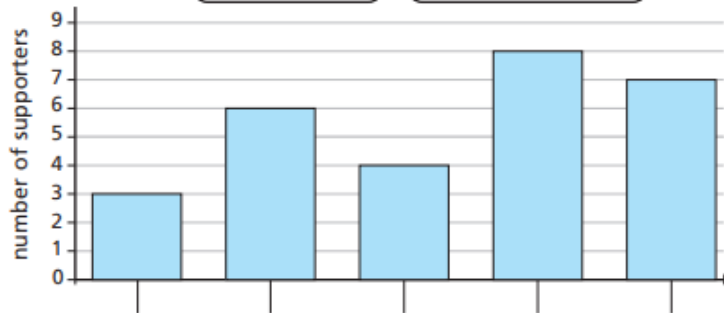
Bradford City

Huddersfield Town

Halifax Town

Leeds United

Manchester United



football team

5

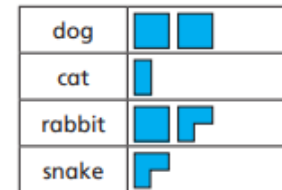
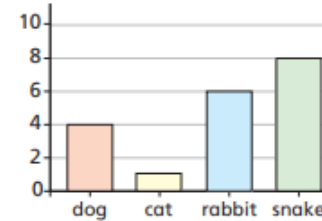
Four classes of children were asked what their favourite animals are. Match the tables to the charts.

Class A	
dog	8
cat	2
rabbit	7
snake	12

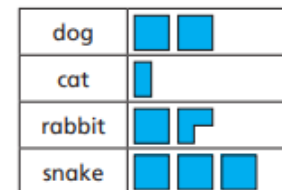
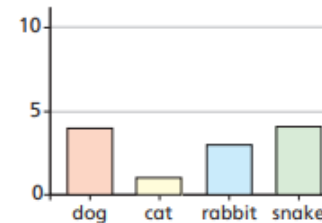
Class B	
dog	4
cat	1
rabbit	3
snake	4

Class C	
dog	4
cat	1
rabbit	6
snake	8

Class D	
dog	8
cat	2
rabbit	7
snake	3



Key = 4 children



Key = 4 children

## Challenge

# Class 5's Names

Age 7 to 11 ★

Here are the lists of first names of the members of Class 5. (They are in alphabetical order of their surnames so they do not seem to be ordered.)

One day when 34 children were in class, Mrs Clifton, their teacher, said they were going to make some block graphs and other things using their first names. She put the class lists onto the white board.

First, the class made tally charts of the initial letters of their names. They worked in pairs.

The first part of Becky and Selma's tally looked like this:

Tally  
A ++++ |  
B |||  
C  
D |||  
E

### Girls in Class 5

Hetty  
Annie  
Tessa  
Debbie  
Willow  
Jess  
Abby  
Sindy  
Penny  
Bel  
Sara  
Pippa  
Selma  
Becky  
Mel  
Pauline  
Netty

### Boys in Class 5

David  
Nelson  
Ali  
Jake  
Harry P  
William  
Ben  
Tom  
Dai  
Arlo  
Andrew  
Harry W  
Tim  
Joe  
Alan  
James  
Jeff  
Mohammed

Can you make a full tally chart using the class names?

Next they all made frequency tables using this information.  
This is the first part of Alan and Joe's table:

### Frequency table

A - 6

J - 5

B - 3

H - 3

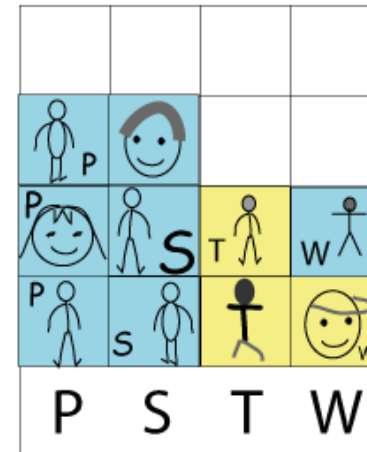
D - 3

Can you make a frequency table using all the class's names?

Next they decided which letters of the alphabet were needed and which were not needed to make a block graph of their class names. Then the boys took yellow squares and the girls took pale blue squares, drew a picture of themselves and put the initial of their first name on the square and stuck it onto paper to make a pictogram graph.

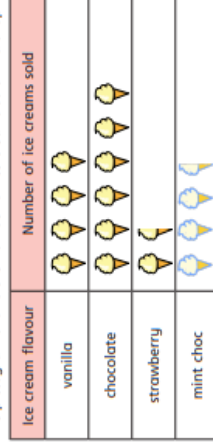
The last part of the class's block graph looked like this:

Can you see who was away from school that day from this information?



### Interpret charts

1 The pictogram shows the number of ice creams sold in a shop.



Key = 2 ice creams

a) How many vanilla ice creams were sold?

b)

The shop sold 6 chocolate ice creams.

What mistake has Annie made?

She has counted the number of pictures of ice creams, not the pictogram.

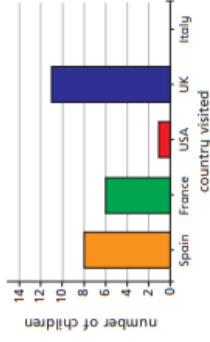
c) How many chocolate ice creams were sold?

d) How many strawberry ice creams were sold?

e) Seven mint choc ice creams were sold.

Complete the pictogram to show this.

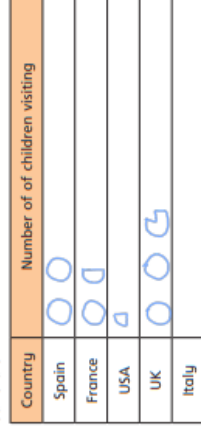
2 The bar chart shows the number of children who went on holiday to some different countries.



a) Complete the table using the information in the bar chart.

Country	Number of children visiting
Spain	8
France	6
USA	1
UK	11
Italy	0

b) Complete the pictogram using the information in the bar chart.



Key = 4 children

3



Chart A



Chart B



Chart C



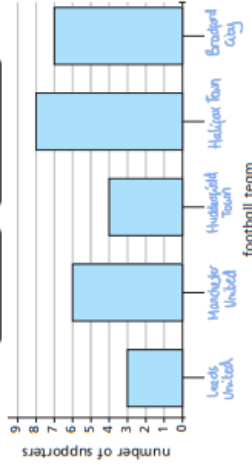
Which chart best represents the picture? **Chart C**

Talk to a partner about the reasons for your choice.

4 Use the clues to label the bar chart.

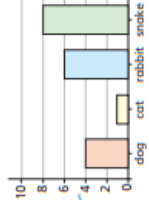
- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- Most people support Halifax Town.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.

Bradford City   Huddersfield Town   Halifax Town  
Leeds United   Manchester United

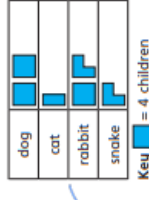


5 Four classes of children were asked what their favourite animals are. Match the tables to the charts.

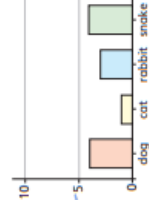
Class A	
dog	8
cat	2
rabbit	7
snake	12



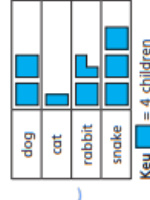
Class B	
dog	4
cat	1
rabbit	3
snake	4



Class C	
dog	4
cat	1
rabbit	6
snake	8



Class D	
dog	8
cat	2
rabbit	7
snake	3



Key = 4 children