

The pictogram shows the number of ice creams sold each day.



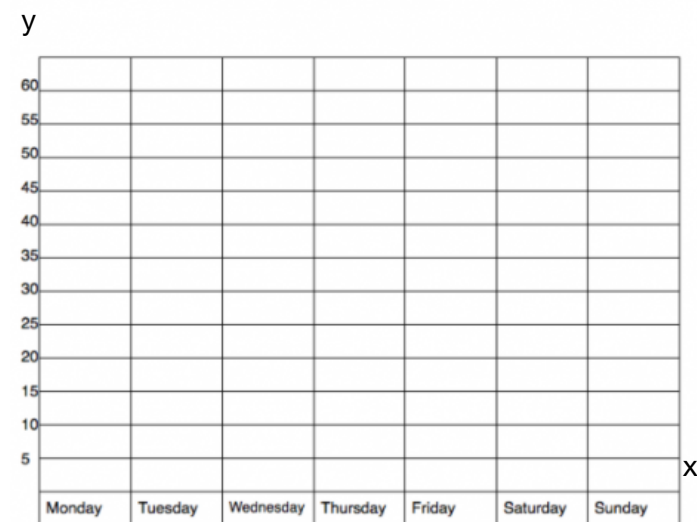
-A pictogram is a chart that uses pictures to represent data.

-Remember to look at the key to see what value the symbol represents.

-Can you use this data to have a go at creating your own bar chart? You can use the one below as an example. You could create this on paper or use technology to make it.

Notice that the numbers on the y-axis are on the lines. This is so you bring the bar chart up to meet the value that it needs to show. Remember to do this make it easier to see the different in the bar charts.

A graph to show the number of ice-creams sold each day.



Now answer the following questions:

- 1) How many ice-creams were sold on the busiest day?
- 2) On which 2 days did they sell the least ice creams?
- 3) What was the difference in the amount of ice cream sold on Friday and Sunday?
- 4) If ice-creams cost £1.50 each. How much did the shopkeeper make from selling ice creams over the weekend?

Ron, Amir and Alex record the scores of six football matches. Unfortunately, Ron spilt paint on them.

Record the results based on what the children remember.

Match	Number of goals  = 2 goals
1	
2	
3	
4	
5	
6	

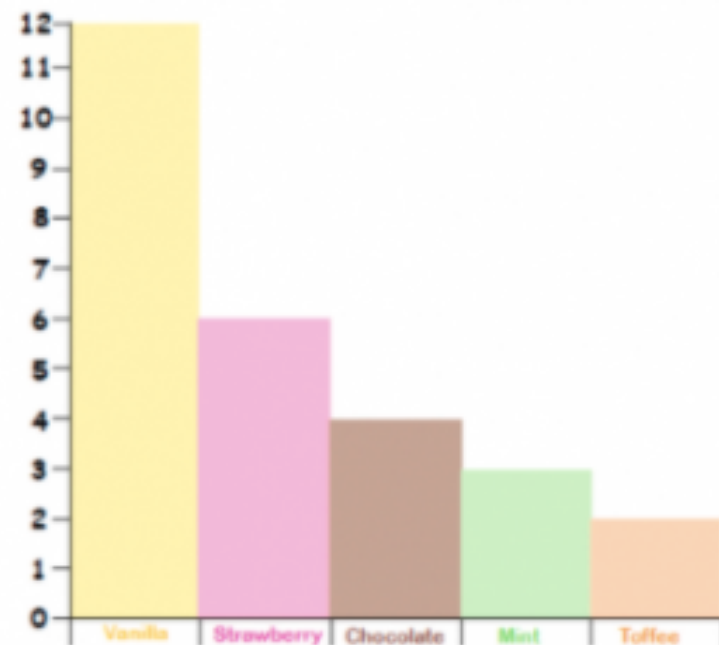


Match 1 had 3 more goals than match 3

Match 6 had 1 less goal than match 2



Match 4 had twice as many goals as match 3



1/ Which flavour was the most popular?

2/ Which flavour was the least popular?

3/ How many children voted for mint?

4/ How many more children voted for strawberry than voted for toffee? (Tip: strawberry take away toffee)

5/ How many children voted altogether? (Tip: vanilla + strawberry + chocolate + mint + toffee!)

Spaceship



Some Tripods and Bipods flew from planet Zeno.
There were at least two of each of them.

Tripods have 3 legs.
Bipods have 2 legs.
There were 23 legs altogether.

How many Tripods were there?
How many Bipods?

Find two different answers.



Rows of coins



- Take five coins: 1p, 2p, 5p, 10p, 20p.
Put them in a row using these clues.
The total of the first three coins is 27p.
The total of the last three coins is 31p.
The last coin is double the value of the first coin.

- Take six coins: two 1p, two 2p and two 5p.
Put them in a row using these clues.
Between the two 1p coins there is one coin.
Between the two 2p coins there are two coins.
Between the two 5p coins there are three coins.

What if you take two 10p coins as well, and
between them are four coins?

Emoji Code Breaking

5	2	7	3	4	9	6	8	0	1	

$$\text{Smiling face with open eyes} + \text{Smiling face with closed eyes} = 97$$

- + =
- =
- =
- + =
- + =
- =
- + =
- =
- + =
- =

Multiplication War



Have a go at playing multiplication war with your family. All you need is a pack of playing cards.

How to play:

Make 2 piles of cards. Take it in turns to draw 2 cards. Whoever is able to give the answer to the timetable question first gets to keep the cards. The winner is the person with the most cards at the end. Treat the King, Queen and Jack cards with the value 12 and the A with a value of 11.



This is an artistic way you can learn your timetables. Start with the centre of the flower and write any number from 1-12 in the centre. Make sure to do a timetable that you don't know yet. Next, draw 12 petals around the centre, labelling them 1-12. Last draw another 12 petals around the centre and write the answer of the centre number x by the number adjacent to it. See the picture for an example.