



Recognising unit fractions

Year 2 Fractions

Half

A whole split into two equal parts.

$\frac{1}{2}$

$\frac{1}{2}$ of $8 = 4$

Quarter

A whole split into four equal parts.

$\frac{1}{4}$

$\frac{1}{4}$ of $12 = 3$

Third

A whole split into three equal parts.

$\frac{1}{3}$

$\frac{1}{3}$ of $6 = 2$

- Vocabulary**
- part
 - whole
 - equal parts
 - unequal parts
 - equal groups
 - split
 - half
 - quarter
 - numerator
 - denominator
 - unit fraction
 - non-unit fraction
 - equivalent
 - two quarters
 - three quarters

$\frac{1}{2}$

The whole has been divided.
There are 2 equal parts.
1 of the parts is shaded.

The whole is **12**

4 is a part.

8 is another part.

$\frac{1}{2}$ of 8 is 4

$\frac{1}{2}$ of 10 is 5

There are 3 equal parts.

Numerator and denominator

$\frac{3}{4}$

Numerator
How many equal parts of the whole are needed?

Denominator
How many equal parts are in the whole?

Equivalent fractions

$\frac{1}{2} = \frac{2}{4}$

=

Non-unit Fractions

$\frac{2}{3}$

$\frac{3}{4}$



O'clock and half past

Year 2 Time

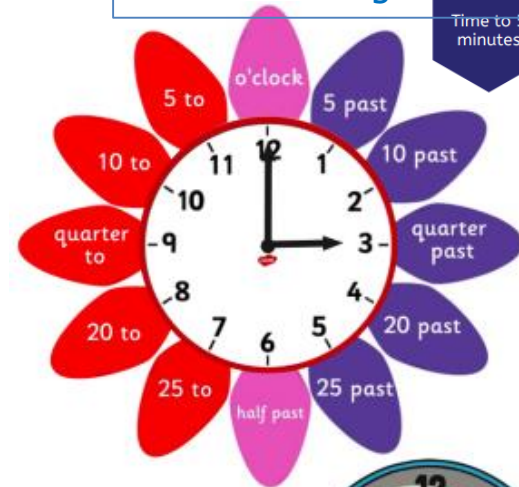


Vocabulary

o'clock
half past
quarter past
quarter to
minutes hour hand
half quarter
three quarter
Morning afternoon
evening

Time to 5 minutes

half past twelve	one o'clock	half past one	two o'clock	half past two	three o'clock	half past three	four o'clock
half past four	five o'clock	half past five	six o'clock	half past six	seven o'clock	half past seven	eight o'clock
half past eight	nine o'clock	half past nine	ten o'clock	half past ten	eleven o'clock	half past eleven	twelve o'clock



Past and To

o'clock	quarter past	half past	quarter to

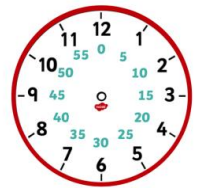


There are 24 hours in a day.

Hour Hand
The short hand points to the hour. If this hand is pointing between hours, it is either past the earlier hour or to the later hour.



Minute Hand
The long hand points to the minutes past or to the hour.



There are 60 minutes in an hour.



Tally charts

Year 2 Statistics

Block diagram

Vocabulary
 tally chart
 table
 pictogram
 most popular
 least popular
 block diagram
 represent
 symbol
 category
 key
 similar
 different

Tally marks look like this:

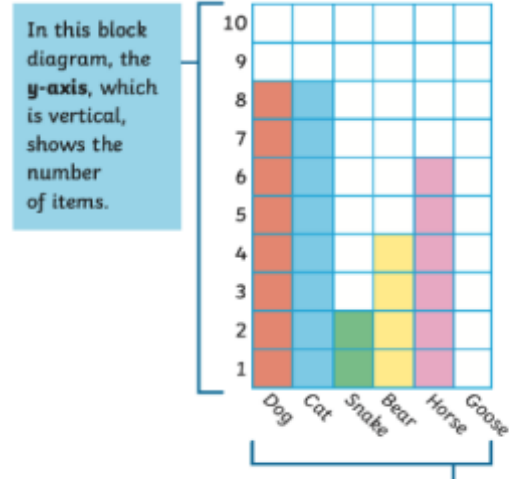


The fifth mark goes diagonally, like a gate.

A tally chart is one way of collecting data using tally marks

Eye Colour	Tally	Total
brown		6
blue		8
green		3
grey		4
hazel		5

A block diagram represents data using blocks. One block represents one item.



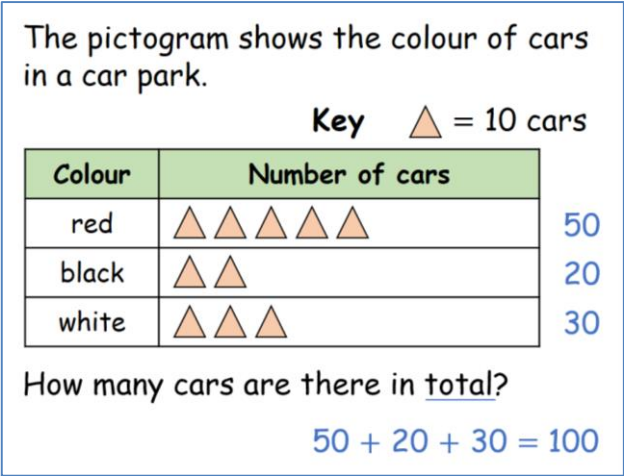
In this block diagram, the y-axis, which is vertical, shows the number of items.

In this block diagram, the x-axis, which is horizontal, shows the types of items.

The blocks can go vertically or horizontally.

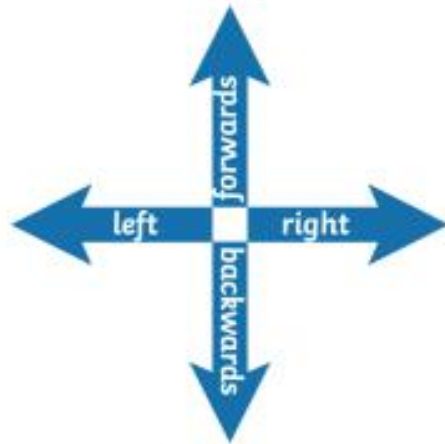
Pictograms

Pictograms use pictures or symbols to represent data. Each picture or symbol can represent one item or more than one. The key shows what each symbol represents.

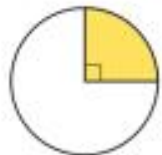




Describing straight line movement



Describing turns



quarter turn



half turn



three-quarter turn



full turn

Year 2 Position and Direction



Left and Right
The hand that makes an L shape is the **left hand**.



clockwise



anticlockwise



If the turn is in the same direction as the hand of a clock, it is *clockwise*.

If the turn is in the opposite direction to the hand of the clock, it is *anti-clockwise*.

Vocabulary

- Left
- right
- above
- below
- in
- between
- position
- forwards
- backwards
- turn
- quarter turn
- three quarter turn
- half turn
- full turn
- clockwise
- anti clockwise
- direction
- pattern
- repeating