Somerset Bridge Primary School
Aspire - Brave - Care - Collaborate

Maths: Spring Y2 Number: Multiplication and Division

Equal Groups

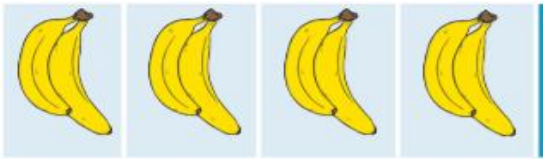
5 equal groups with 3 in each group

2 equal groups with 4 in each group

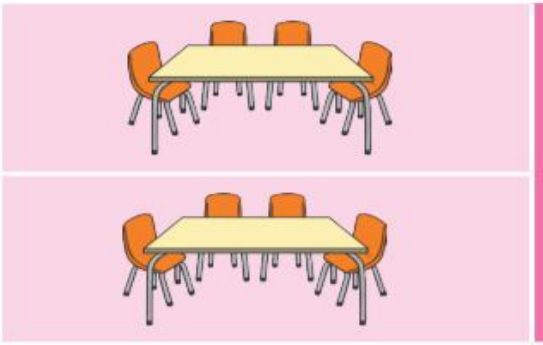
4 equal groups of 10

6 equal amounts of 5 pence

Multiplication from Pictures



4 lots of 2 = 8



2 lots of 4 = 8

2x, 5x, 10x tables

2	4	6	8	10	12	14	16	18	20	22	24
5	10	15	20	25	30	35	40	45	50	55	60
10	20	30	40	50	60	70	80	90	100	110	120

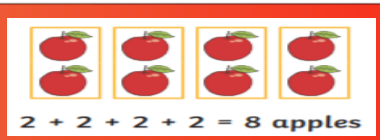
Key Vocabulary ✓

Equal groups	The same amount in each group.
Lots of	Multiplying 2x3 is the same as 2 lots of 3.
Arrays	Objects, pictures, or numbers in rows and columns
Repeated addition	Adding equal groups together. E.g 2+2+2 = 2x3
Product	The answer in multiplication.
Multiplier	6 × 3 = 18 (Factor (or Multiplier) × Factor (or Multiplicand) = Product)
Multiplicand	

Arrays

4 rows of 10 = 40
10 columns of 4 = 40

Repeated Addition 4 X 2 =



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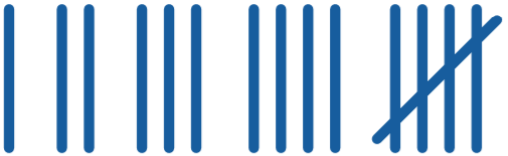
Maths: Spring Y2: Statistics

Tally Charts

Tally marks look like this:



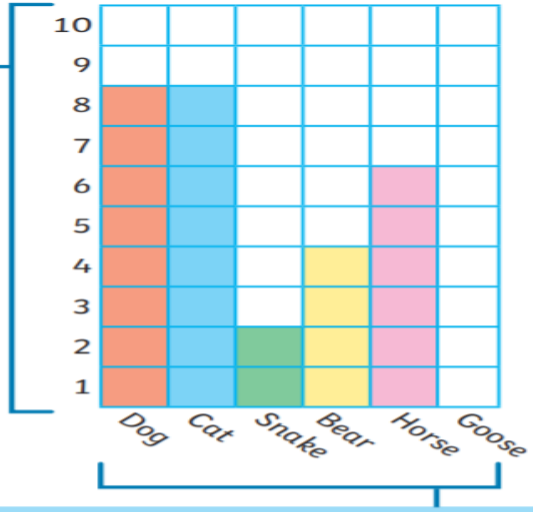
The fifth mark goes across diagonally, like a gate.

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

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

Block Diagram

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



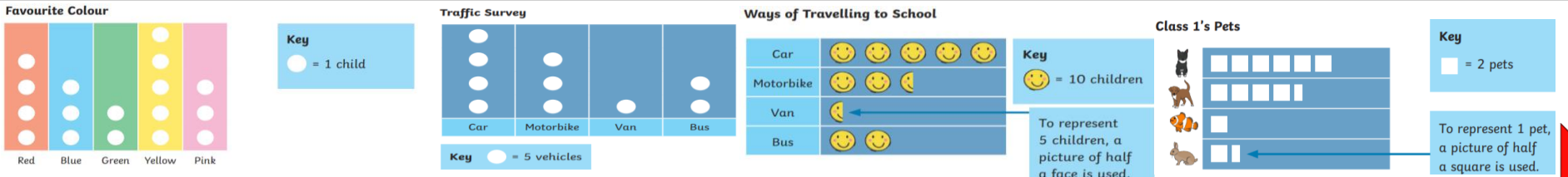
In this block diagram, the **x-axis**, which is horizontal, shows the types of items.

The blocks can go vertically or horizontally.

Key Vocabulary

		✓
Data	Information	
Interpret	Understand	
Pictogram	Using pictures to represent data	
Block diagram	Data displayed in blocks	
Table	Information arranged in columns and rows	
Total	A whole or complete amount	
Compare	The differences between numbers or quantities	
Symbol	A picture or image used instead of words	
Key	Used to identify the number present in a graph	

Different 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

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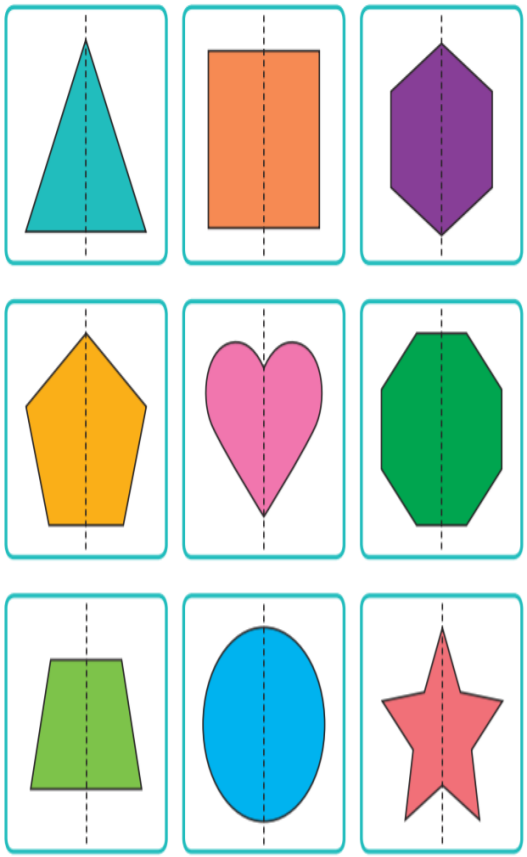
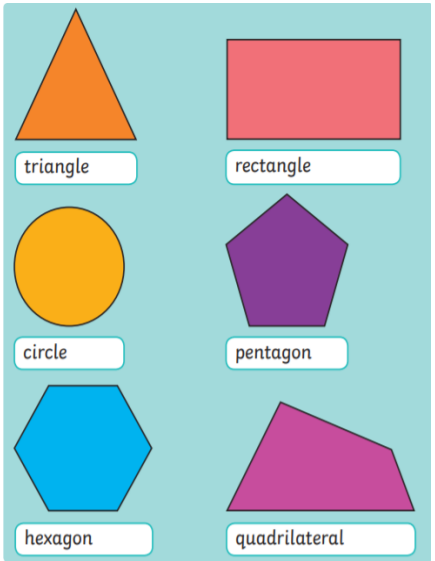
Maths: Spring Y2 Geometry: Properties of Shape

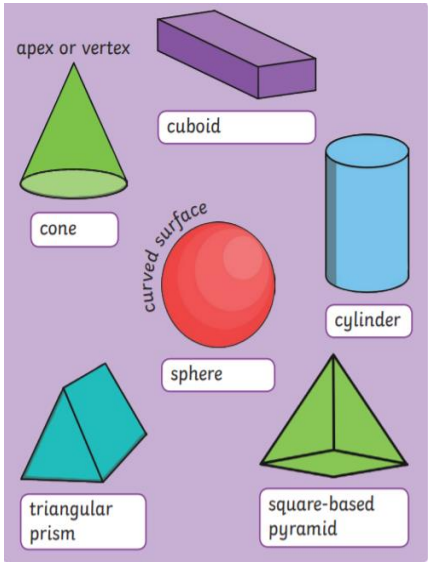
2D Lines of symmetry



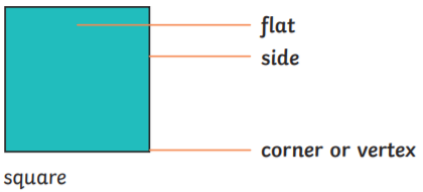
2D Shapes



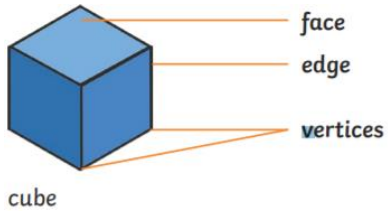
3D Shapes



Recognise and Describe 2D Shapes

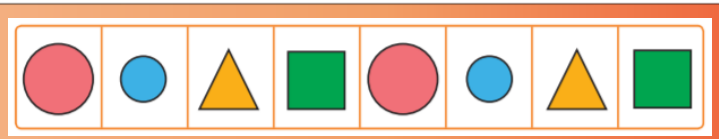


Recognise and Describe 3D Shapes

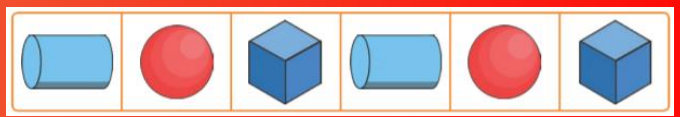


Key Vocabulary		✓
Solid	The shape has width, depth and height.	
Corner	Where the sides meet.	
Vertex	Where 3 or more edges meet.	
Apex	The highest vertex.	
Vertices	A corner where the edges meet.	
Side	The edge of a 2D shape.	
Edge	The sides in a 3D shape.	
Face	The flat surface of a 3D shape.	
Curved	A line that is not straight. It has a bend in it.	
Straight	A line with no bends or curves.	
Line of symmetry	A line that cuts through a shape exactly in half.	
Vertical	The top is always above the bottom.	
Pattern	Repeated design.	

2D Patterns



3D Patterns



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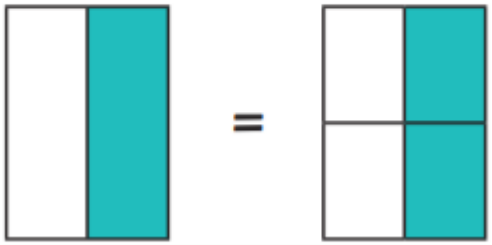
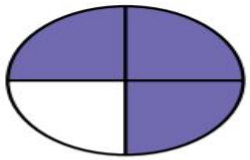
Maths: Spring Y2 Number: Fractions

Equivalent Fractions

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



Numerator and Denominator



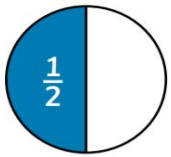
Numerator
How many equal parts of the whole are needed?

Denominator
How many equal parts are in the whole?

Fractions

Half

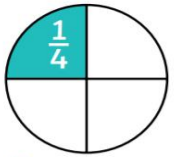
A whole split into two equal parts.

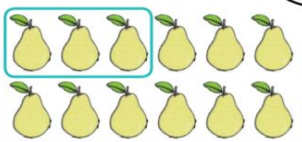


$\frac{1}{2}$ of 8 = 4

Quarter

A whole split into four equal parts.

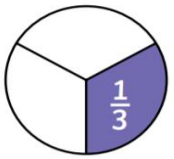


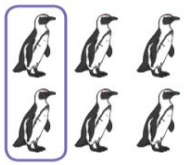


$\frac{1}{4}$ of 12 = 3

Third

A whole split into three equal parts.





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

Non-unit Fractions

$\frac{2}{3}$

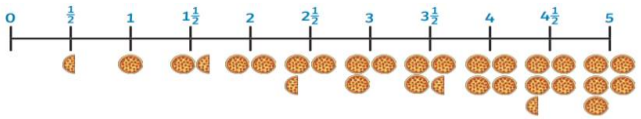
$\frac{3}{4}$

Key Vocabulary

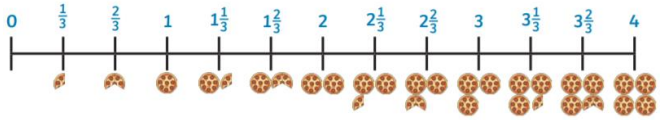
		✓
Equal	The value of what is on one side of the equals sign is of the same value as that on the other side.	
Numerator	The number above the line in a fraction. It shows how many parts of a whole.	
Denominator	The bottom number in a fraction. Shows how many equal parts the item is divided into.	
Half/Halve	Share/divide in 2.	
Quarter	Share/divide in 4.	
Third	Share/divide in 3.	
Unit Fraction	The numerator is 1.	
Non-unit Fraction	The numerator is greater than 1.	

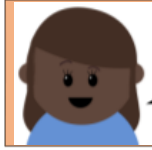
Counting in Fractions

Halves



Thirds





A quarter is a half of a half.

Quarters