



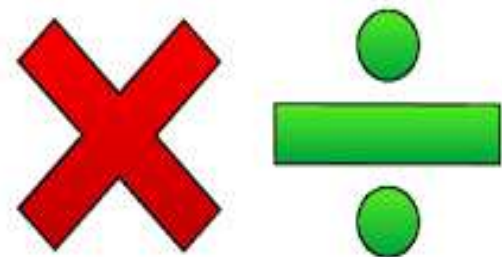
MULTIPLICATION and DIVISION

Year 1

KNOWLEDGE ORGANISER



Overview



Addition and Subtraction we learn:

- Count in 2s -Count in 5s -Count in 10s
- Make Equal Groups -Add Equal Groups
- Make Arrays -Make Doubles
- Subtraction (Not Crossing 10) -Related Facts
- Make Equal Groups – Grouping and Sharing

MULTIPLICATION
DIVISION

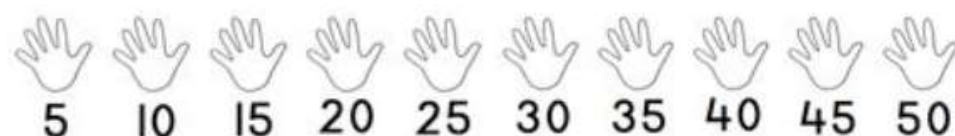
Multiplication and Division is useful learning because it is used in many areas of everyday life – e.g. shopping, cooking, or playing games. It also forms the basis for lots of other maths ideas.

Count in 2s, 5s and 10s

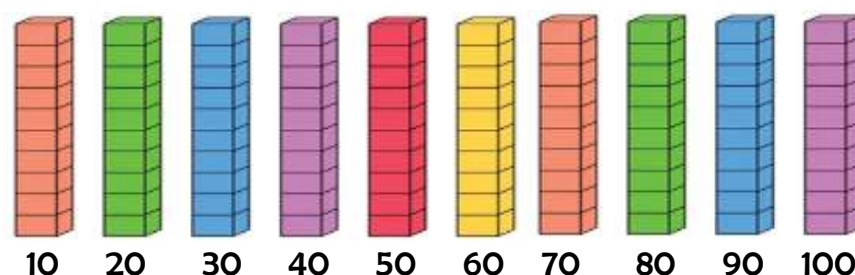
Counting in 2s



Counting in 5s



Counting in 10s



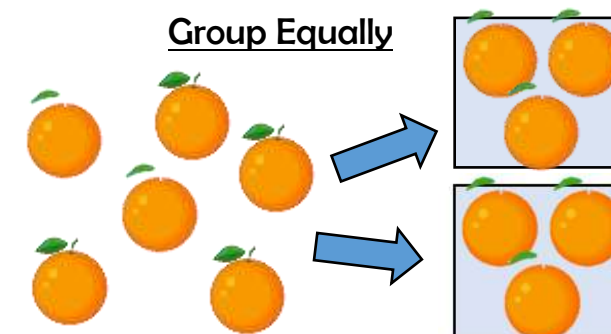
Grouping and Sharing

Making Equal Groups



There are 4 equal groups of socks.

Group Equally



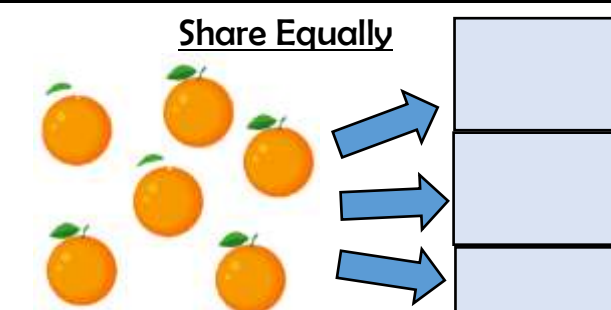
Put the oranges into groups of 4.

Add Equal Groups



$2 + 2 + 2 + 2 = 8$ socks.

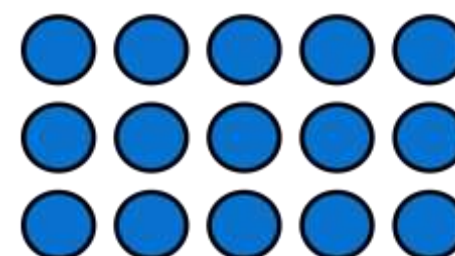
Share Equally



Share the oranges equally.

Arrays and Doubles

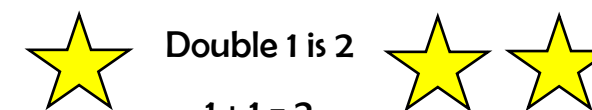
An array is a group of objects or pictures in rows and columns.



3 rows of 5 blue dots = 15 blue dots

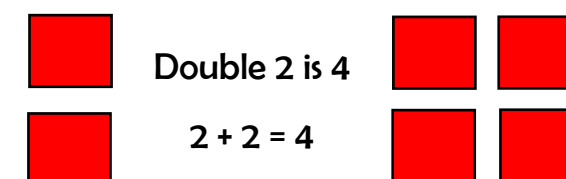
5 columns of 3 blue dots = 15 blue dots

Doubling means to become twice as great/ twice as many.



Double 1 is 2

$$1 + 1 = 2$$



Double 2 is 4

$$2 + 2 = 4$$

Key Vocabulary

Number

Multiply

Divide

Equal

Groups

Share

Arrays

Double

Equal

Half