



MULTIPLICATION and DIVISION

KNOWLEDGE ORGANISER

Overview



In our unit on 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.

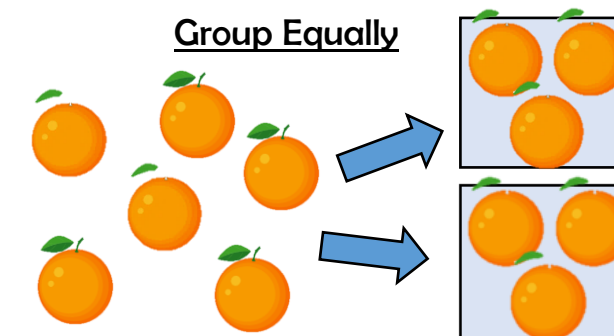
Grouping and Sharing

Making Equal Groups



There are 4 equal groups of socks.

Group Equally



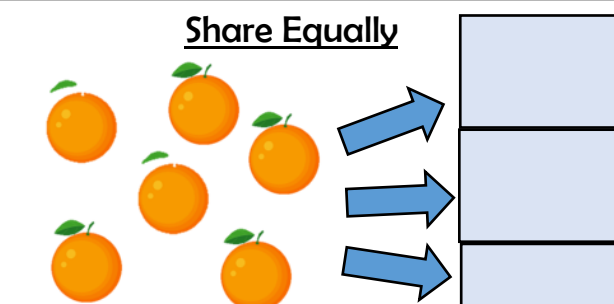
Put the oranges into groups of 3.

Add Equal Groups



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

Share Equally



Share the oranges equally.

Count in 2s, 5s and 10s

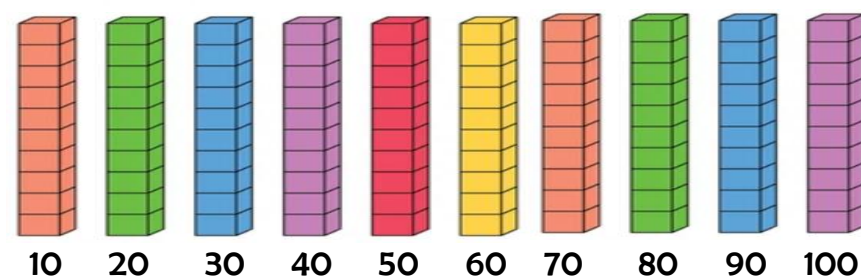
Counting in 2s



Counting in 5s

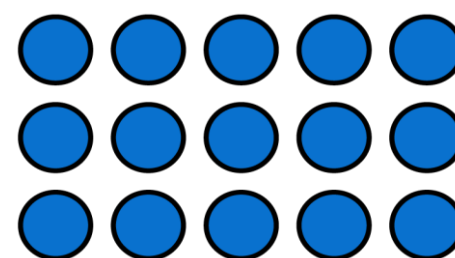


Counting in 10s



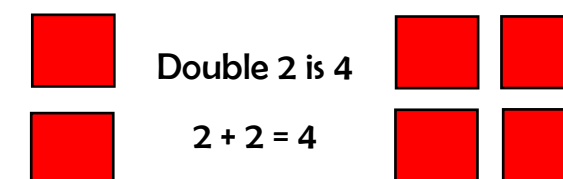
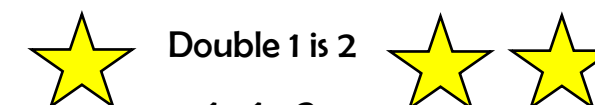
Arrays and Doubles

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.



Key Vocabulary

Number Multiply Divide Equal Groups Share Arrays Double Equal Half