

MULTIPLICATION and DIVISION

Year 2

KNOWLEDGE ORGANISER

Overview



MULTIPLICATION
DIVISION

In our unit on multiplication and division we learn:

- Recognise Equal Groups -Make Equal Groups
- Add Equal Groups -Multiply Sentences with X/ Pictures
- 2 Times-Table -5 Times-Table -10 Times-Table
- Make Equal Groups - Grouping and Sharing
- Divide by 2 -Odd/Even Numbers -Divide by 5/10

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.

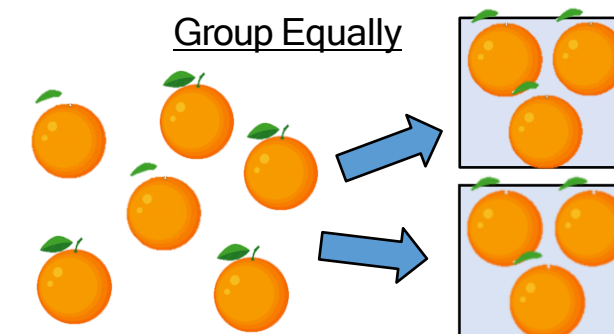
Grouping and Sharing

Making Equal Groups



There are 4 equal groups of socks.

Group Equally



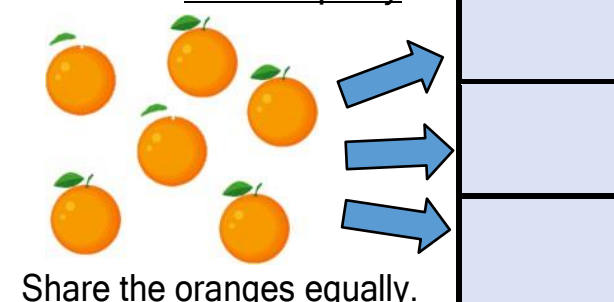
Put the oranges into groups of 3.

Add Equal Groups



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

Share Equally



Share the oranges equally.

2, 5 and 10 Times Tables

2 Times Table

2	4	6	8	10	12	14	16	18	20
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5 Times Table

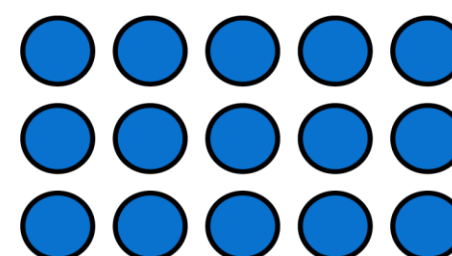
5	10	15	20	25	30	35	40	45	50
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Counting in 10s

10	20	30	40	50	60	70	80	90	100
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Arrays and the Multiplication Symbol

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

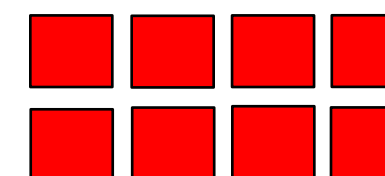
The multiplication symbol is x



$3 \times 2 = 6$

$2 \times 3 = 6$

6 stars



$4 \times 2 = 8$

$2 \times 4 = 8$

8 rectangles

Key Vocabulary

Equal Groups

Multiply

Divide

Equal

Groups

Half

Arrays

Double

Lots of

Times Tables