

Multiplication and Division

Knowledge Organiser

Key Vocabulary

Recognise Equal Groups

Make Equal Groups

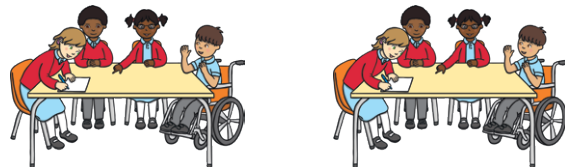
groups



5 equal groups with 3 in each group

equal groups

lots of



arrays

2 equal groups with 4 in each group

repeated addition



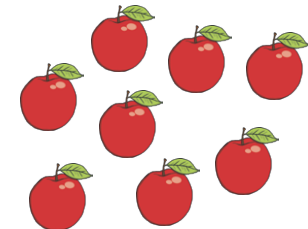
4 equal groups of 10

multiplication

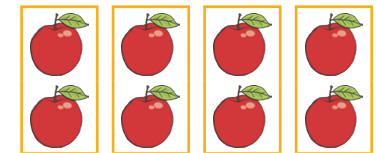
times tables



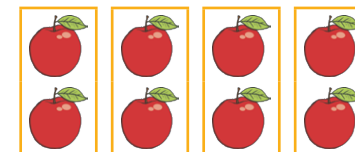
6 equal amounts of 5 pence



Make 4 equal groups.

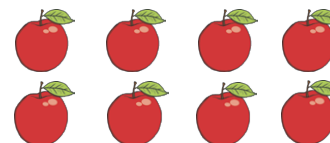


Add Equal Groups



$2 + 2 + 2 + 2 = 8$ apples

The Multiplication Symbol



$4 \times 2 = 8$

$2 \times 4 = 8$

8 apples

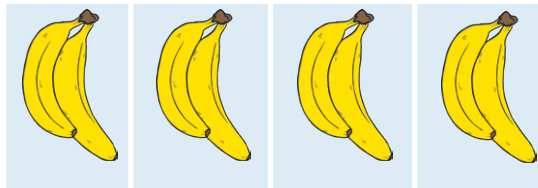


$2 \times 5 = 10$

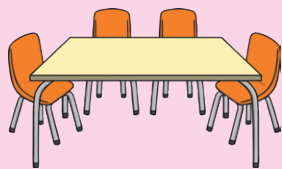
$5 \times 2 = 10$

10 cookies

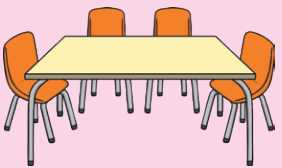
Multiplication from Pictures



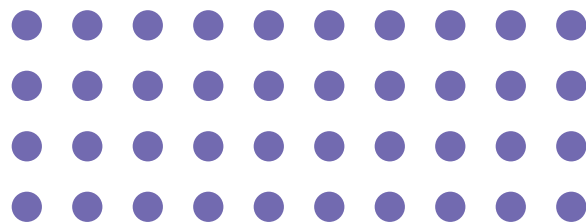
$$4 \text{ lots of } 2 = 8$$



$$2 \text{ lots of } 4 = 8$$



Use Arrays



$$4 \text{ rows of } 10 = 40$$

$$10 \text{ columns of } 4 = 40$$

The 2 Times Table



$$6 \text{ lots of } 2 = 12$$

2	4	6	8	10	12	14	16	18	20	22	24
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The 5 Times Table



$$9 \text{ lots of } 5 = 45$$

5	10	15	20	25	30	35	40	45	50	55	60
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The 10 Times Table



$$7 \text{ lots of } 10\text{p} = 70\text{p}$$

10	20	30	40	50	60	70	80	90	100	110	120
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