

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



2 equal groups with 4 in each group

arrays

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 lots of 2 = 8



2 lots of 4 = 8



Use Arrays



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

The 2 Times Table



6 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 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 lots of 10p = 70p

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