



# Year 2 - Multiplication and Division

## Key vocabulary

groups	A number of things or objects that are gathered together.
lots of	A large number or amount of things.
arrays	A picture showing objects in rows and columns.
repeated addition	Adding numbers again and again, for example - $5 + 5 = 10$
multiplication	Adding the same number a certain number of times, for example - $5 \times 2 = 10$
times tables	A list that shows the results of multiplying some numbers together.
division	Separating something into parts from a whole.

## Multiplication

The multiplication symbol



$$4 \times 2 = 8$$

$$2 \times 4 = 8$$

8 apples



$$2 \times 5 = 10$$

$$5 \times 2 = 10$$

10 cookies

Arrays



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

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

## Times tables

2 times table	5 times table	10 times table
$2 \times 1 = 2$	$5 \times 1 = 5$	$10 \times 1 = 10$
$2 \times 2 = 4$	$5 \times 2 = 10$	$10 \times 2 = 20$
$2 \times 3 = 6$	$5 \times 3 = 15$	$10 \times 3 = 30$
$2 \times 4 = 8$	$5 \times 4 = 20$	$10 \times 4 = 40$
$2 \times 5 = 10$	$5 \times 5 = 25$	$10 \times 5 = 50$
$2 \times 6 = 12$	$5 \times 6 = 30$	$10 \times 6 = 60$
$2 \times 7 = 14$	$5 \times 7 = 35$	$10 \times 7 = 70$
$2 \times 8 = 16$	$5 \times 8 = 40$	$10 \times 8 = 80$
$2 \times 9 = 18$	$5 \times 9 = 45$	$10 \times 9 = 90$
$2 \times 10 = 20$	$5 \times 10 = 50$	$10 \times 10 = 100$
$2 \times 11 = 22$	$5 \times 11 = 55$	$10 \times 11 = 110$
$2 \times 12 = 24$	$5 \times 12 = 60$	$10 \times 12 = 120$

## Division - equal groups



2 equal groups with 4 in each group



4 equal groups of 10

