

Key vocab

multiply

divide

multiple

divisor

zero

lots of

groups of

share

equally

altogether

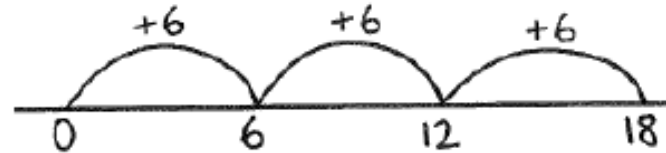
times tables

repeated addition

Multiplication on a numberline

Remember to always start at zero on the numberline.

Example:



$$3 \times 6 = ?$$

3 lots of 6
 $6 + 6 + 6 = 18$
 $3 \times 6 = 18$

Multiplication and Division Year 2

By the end of Year 2, your child should be able to recall multiplication and division facts for the x2, x5, x10 and x3 times tables.

2	3
$0 \times 2 = 0$	$0 \times 3 = 0$
$1 \times 2 = 2$	$1 \times 3 = 3$
$2 \times 2 = 4$	$2 \times 3 = 6$
$3 \times 2 = 6$	$3 \times 3 = 9$
$4 \times 2 = 8$	$4 \times 3 = 12$
$5 \times 2 = 10$	$5 \times 3 = 15$
$6 \times 2 = 12$	$6 \times 3 = 18$
$7 \times 2 = 14$	$7 \times 3 = 21$
$8 \times 2 = 16$	$8 \times 3 = 24$
$9 \times 2 = 18$	$9 \times 3 = 27$
$10 \times 2 = 20$	$10 \times 3 = 30$
$11 \times 2 = 22$	$11 \times 3 = 33$
$12 \times 2 = 24$	$12 \times 3 = 36$

5	10
$0 \times 5 = 0$	$0 \times 10 = 0$
$1 \times 5 = 5$	$1 \times 10 = 10$
$2 \times 5 = 10$	$2 \times 10 = 20$
$3 \times 5 = 15$	$3 \times 10 = 30$
$4 \times 5 = 20$	$4 \times 10 = 40$
$5 \times 5 = 25$	$5 \times 10 = 50$
$6 \times 5 = 30$	$6 \times 10 = 60$
$7 \times 5 = 35$	$7 \times 10 = 70$
$8 \times 5 = 40$	$8 \times 10 = 80$
$9 \times 5 = 45$	$9 \times 10 = 90$
$10 \times 5 = 50$	$10 \times 10 = 100$
$11 \times 5 = 55$	$11 \times 10 = 110$
$12 \times 5 = 60$	$12 \times 10 = 120$

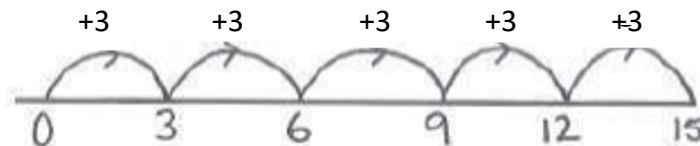
Division on a numberline

Step 1) Start at zero. Write this number underneath the left-hand side of the numberline.

Step 2) Starting at zero count on in groups of the divisor (e.g. 3 in example) drawing a jump each time. Stop when you reach the largest number (e.g. 15 in the example).

Step 3) Count the number of jumps you drew. This is your answer.

Example: $15 \div 3 = 5$



There are 5 jumps.

Inverse

The inverse operation of division is multiplication. We can use multiplication facts to help us solve division sums.

$$2 \times 5 = 10$$

or

$$5 \times 2 = 10$$

$$10 \div 2 = 5$$