



# KIRF: I know the 3 times table ( $\times$ and $\div$ )

A times table is a list of multiples of the given number. They are very important for many calculations. This half term, the children will be learning their 3 times tables including the division facts.

### Questions to ask at home

- What is 3 multiplied by 8?
- What is 8 times 3?
- What is 24 divided by 3?

### Key vocabulary

- 3 multiplied by 6 is equal to 18
- 5 times 3 and 3 times 5 are equivalent
- 30 shared by 10 is equal to 3
- 27 divided by 9 equals 3

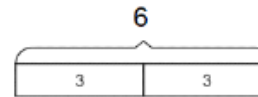
### What can this look like?

#### Concrete:



$$3 \times 2 = 6$$

#### Pictorial:



$$3 \times 2 = 6$$

#### Abstract:

$$3 \times \boxed{7} = 21$$

$$\boxed{7} \times 3 = 21$$

$$21 \div 3 = \boxed{7}$$

### Things to challenge

If your child becomes confident with these multiplications try them with missing number questions e.g.

$$3 \times \bigcirc = 18 \quad \text{or} \quad \bigcirc \div 3 = 11$$

### Things to try

- Chants**- Practice chanting the times table.
- Everyday Objects**- Gather together objects and separate them into groups of 3.
- Youtube** – There are lots of Times table songs on Youtube to aid learning, why not try one out.
- Websites:**
  - <https://trockstars.com/> - Ask your teacher to set your TT Rockstar account to focus on the 3's.
  - <https://www.topmarks.co.uk/maths-games/hit-the-button>
  - <https://www.timestables.co.uk/>

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