

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 4 times tables including the division facts.

Year 3- Spring 1

$4 \times 1 = 4$	$1 \times 4 = 4$	$4 + 4 = 1$	$4 \div 1 = 4$
$4 \times 2 = 8$	$2 \times 4 = 8$	$8 + 4 = 2$	$8 \div 2 = 4$
$4 \times 3 = 12$	$3 \times 4 = 12$	$12 + 4 = 3$	$12 \div 3 = 4$
$4 \times 4 = 16$	$4 \times 4 = 16$	$16 + 4 = 4$	$16 \div 4 = 4$
$4 \times 5 = 20$	$5 \times 4 = 20$	$20 + 4 = 5$	$20 \div 5 = 4$
$4 \times 6 = 24$	$6 \times 4 = 24$	$24 + 4 = 6$	$24 \div 6 = 4$
$4 \times 7 = 28$	$7 \times 4 = 28$	$28 + 4 = 7$	$28 \div 7 = 4$
$4 \times 8 = 32$	$8 \times 4 = 32$	$32 + 4 = 8$	$32 \div 8 = 4$
$4 \times 9 = 36$	$9 \times 4 = 36$	$36 + 4 = 9$	$36 \div 9 = 4$
$4 \times 10 = 40$	$10 \times 4 = 40$	$40 + 4 = 10$	$40 \div 10 = 4$
$4 \times 11 = 44$	$11 \times 4 = 44$	$44 + 4 = 11$	$44 \div 11 = 4$
$4 \times 12 = 48$	$12 \times 4 = 48$	$48 + 4 = 12$	$48 \div 12 = 4$

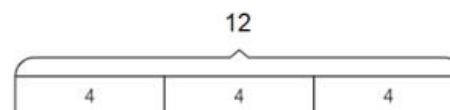
Concrete:



$$4 \times 2 = 8$$

What can this look like?

Pictorial:



$$4 \times 3 = 12$$

Abstract:

$$5 \times 4 = 20$$

$$4 \times 5 = 20$$

$$20 \div 4 = 5$$

Questions to ask at home

What is 4 **multiplied by** 7?

What is 12 **times** 4?

What is 32 **divided by** 4?

Key vocabulary

4 **multiplied by** 6 is **equal to** 24

2 **times** 4 and 4 **times** 2 are **equivalent**

24 **shared by** 6 is **equal to** 4

40 **divided by** 4 **equal to** 10

Activity ideas

Chants- Practice chanting the times table.

Everyday Objects- Gather together objects and separate them into groups of 4.

Double & Double again – Multiplying by 4 is the same as doubling and doubling again. Double 6 is equal to 12 and double 12 is equal to 24, so $6 \times 4 = 24$.

Websites:

<https://ttrockstars.com/> - Ask your teacher to set your TT Rockstar account to focus on the 4s.

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://www.timestables.co.uk/>