

# Key Instant Recall Facts

## Year 3 Autumn 2

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

Your key fact this half term is

To know the multiplication and division facts for the 4 times table

Key Facts			Key Vocabulary
$1 \times 4 = 4$	$4 \times 1 = 4$	<u>Examples of division facts</u> $4 \div 1 = 4$ $8 \div 2 = 4$ $12 \div 3 = 4$ $16 \div 4 = 4$ $20 \div 5 = 4$ $4 \div 4 = 1$ $8 \div 4 = 2$ $12 \div 4 = 3$ $16 \div 4 = 4$ $20 \div 4 = 5$	What is 4 <b>multiplied by</b> 6?
$2 \times 4 = 8$	$4 \times 2 = 8$		What is 8 <b>times</b> 4?
$3 \times 4 = 12$	$4 \times 3 = 12$		What is the <b>product</b> of 2 and 8?
$4 \times 4 = 16$	$4 \times 4 = 16$		What is 24 divided by 4?
$5 \times 4 = 20$	$4 \times 5 = 20$		
$6 \times 4 = 24$	$4 \times 6 = 24$		
$7 \times 4 = 28$	$4 \times 7 = 28$		
$8 \times 4 = 32$	$4 \times 8 = 32$		
$9 \times 4 = 36$	$4 \times 9 = 36$		
$10 \times 4 = 40$	$4 \times 10 = 40$		
$11 \times 4 = 44$	$4 \times 11 = 44$		
$12 \times 4 = 48$	$4 \times 12 = 48$		

### MAKE IT FUN

Buy one get three free

If your child knows one fact e.g.  $4 \times 5$ , can they tell you the other three facts in the same fact family?

YouTube has many video clips of songs to help you learn your times tables.

Use the times tables facts that they know already from the 2 x table, 4 x table and 10 x table.

### MAKE IT LINK

[www.mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables](http://www.mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables)

<https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check> - remember to select the 4 times table!

### DEEPEN IT!

What is the relationship between these calculations -  $3 \times 4$ ,  $4 \times 3$  and  $4 \times 8$ ,  $8 \times 4$  ?

Mrs Reeves says that if you want to multiply a number by 4, you take this number and double it twice?

Do you agree with Mrs Reeves? Why? Why not?

Ms Lothian says that if you want to divide a number by 4, you take this number and halve it twice?

Do you agree with Ms Lothian? Why? Why not?

