

Key Instant Recall Facts

Year 4 Autumn 1

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 and recall at speed the multiplication and division facts for the 3, 4 and 8 times tables

Key Facts

$1 \times 3 = 3$	$1 \times 4 = 4$	$1 \times 8 = 8$
$2 \times 3 = 6$	$2 \times 4 = 8$	$2 \times 8 = 16$
$3 \times 3 = 9$	$3 \times 4 = 12$	$3 \times 8 = 24$
$4 \times 3 = 12$	$4 \times 4 = 16$	$4 \times 8 = 32$
$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 8 = 40$
$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 8 = 48$
$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 8 = 56$
$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 8 = 64$
$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 8 = 72$
$10 \times 3 = 30$	$10 \times 4 = 40$	$10 \times 8 = 80$
$11 \times 3 = 33$	$11 \times 4 = 44$	$11 \times 8 = 88$
$12 \times 3 = 36$	$12 \times 4 = 48$	$12 \times 8 = 96$

Don't forget to practise the linked division facts
e.g if $9 \times 4 = 36$ then 36 divided by 4 is 9

Key Vocabulary

What is 3 **multiplied by** 9?

What is 4 **times** 11?

What is 33 **divided by** 11?

What is 9 **lots of** 4?

How many **groups of** 8 are there in 64?

MAKE IT FUN

Climb stairs counting in multiples.

Take it in turns to say different times tables in a funny voice to help you remember the different facts e.g. say $1 \times 3 = 3$ squeaking like a mouse then $2 \times 3 = 6$ roaring like a lion.

Test the Parent – Make up your own tricky division questions for an adult at home e.g. what is 32 divided by 8? You need to be able to multiply to create these questions and check that the adult is correct.

Timed Games: How well are you doing? How many questions can you answer in 2 minutes? Can you beat your own record?

MAKE IT LINK

Don't forget to use [Times Tables Rock Stars](https://www.timestables.co.uk/) daily for 5 minutes - little and often helps these facts to stick!

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

<https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables>

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

DEEPEN IT

What is the relationship between these calculations? 3×4 and 4×3 , and 4×8 and 8×4

Is it always, sometimes or never true? Multiples of 4 are also multiples of 8

Write this addition statement as a multiplication statement: $3 + 3 + 3 + 4 + 4$

<https://nrich.maths.org/8058> If you need a paper copy of this activity, please ask your teacher.

