




Key Instant Recall Facts

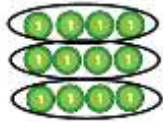
Year 3 – Autumn 2

Key Vocabulary

- What is 3 multiplied by 8?
- What is 6 times 3?
- What are 7 lots of 3?
- What is 27 grouped into 3s?
- What is 30 divided by 3?

$$\begin{array}{r} \times 6 \\ 3 \\ \hline \end{array}$$

$$3 \times 6 = 18$$

$$12 \div 3 = 4$$



$$27 \div 3 = 9$$

27		
9	9	9

Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact family of the day.

Please see the class teacher if you are unsure of their log in details.

I aspire to know the multiplication and division facts for the 3 times table.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$3 \times 1 = 3$	$1 \times 3 = 3$	$3 + 3 = 6$	$3 + 3 = 6$
$3 \times 2 = 6$	$2 \times 3 = 6$	$6 + 3 = 9$	$6 + 2 = 8$
$3 \times 3 = 9$	$3 \times 3 = 9$	$9 + 3 = 12$	$9 + 3 = 12$
$3 \times 4 = 12$	$4 \times 3 = 12$	$12 + 3 = 15$	$12 + 4 = 16$
$3 \times 5 = 15$	$5 \times 3 = 15$	$15 + 3 = 18$	$15 + 5 = 20$
$3 \times 6 = 18$	$6 \times 3 = 18$	$18 + 3 = 21$	$18 + 6 = 24$
$3 \times 7 = 21$	$7 \times 3 = 21$	$21 + 3 = 24$	$21 + 7 = 28$
$3 \times 8 = 24$	$8 \times 3 = 24$	$24 + 3 = 27$	$24 + 8 = 32$
$3 \times 9 = 27$	$9 \times 3 = 27$	$27 + 3 = 30$	$27 + 9 = 36$
$3 \times 10 = 30$	$10 \times 3 = 30$	$30 + 3 = 33$	$30 + 10 = 40$
$3 \times 11 = 33$	$11 \times 3 = 33$	$33 + 3 = 36$	$33 + 11 = 44$
$3 \times 12 = 36$	$12 \times 3 = 36$	$36 + 3 = 39$	$36 + 12 = 48$

Children should be able to answer these questions in any order, including missing number questions e.g. $3 \times \bigcirc = 18$ or $\bigcirc \div 3 = 11$. Children should also be making links between number facts e.g. "I know $4 \times 3 = 12$, and that 8×3 is double 4×3 , so $8 \times 3 = 24$."

You could try some of these ideas...

Songs and Chants

You can buy Times Tables CDs or find multiplication songs and chants online. If your child creates their own song, this can make the times tables even more memorable.

Buy one get three free

If your child knows one fact (e.g. $3 \times 5 = 15$), can they tell you the other three facts in the same fact family ($5 \times 3 = 15$, $15 \div 3 = 5$ and $15 \div 5 = 3$)?

Make a poster to display the multiplication and division facts

This could be placed somewhere in the house that is on show and passed often.

Practise online

Use your child's personal Times Table Rock stars log in at

<https://trockstars.com> or

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>

is another good website to use.