



Key Instant Recall Facts

Year 3: Autumn 2

WALT: recall multiplication and division facts for the 3x table

This KIRF will be tested at the start and end of the term. In school, your child will receive one, fifteen-minute, timetabled slot a week to practise this skill. **By the end of this half term, children in Year 3 should know the following facts and be able to recall them instantly:**

$0 \times 3 = 0$	$0 \div 3 = 0$
$1 \times 3 = 3$	$3 \div 3 = 1$
$2 \times 3 = 6$	$6 \div 3 = 2$
$3 \times 3 = 9$	$9 \div 3 = 3$
$4 \times 3 = 12$	$12 \div 3 = 4$
$5 \times 3 = 15$	$15 \div 3 = 5$
$6 \times 3 = 18$	$18 \div 3 = 6$
$7 \times 3 = 21$	$21 \div 3 = 7$
$8 \times 3 = 24$	$24 \div 3 = 8$
$9 \times 3 = 27$	$27 \div 3 = 9$
$10 \times 3 = 30$	$30 \div 3 = 10$
$11 \times 3 = 33$	$33 \div 3 = 11$
$12 \times 3 = 36$	$36 \div 3 = 12$

Key Vocabulary:

Multiply, divide, share, times, equal group, multiple, product, factor.

$$\begin{array}{ccc} 2 \times 5 = 10 \\ \swarrow \quad \downarrow \quad \searrow \\ \text{Factor} \quad \text{Factor} \quad \text{multiple} \end{array}$$

7, 14, 21, 28 ... These are **multiples** of 3.

Key Questions:

$$3 \times ? = 21$$

$$30 \div ? = 3$$

If I have 5 bags of apples and each bag has 3 in it, how many apples do I have in total?

Top Tips:

The secret to success? Practise little and often! Can you learn these on your way to school? On a car journey? Or even at the breakfast table? You don't need to learn them all at once: start with those you are more confident with before tackling the rest. Why not practise whilst keeping active? You could throw and catch or kick a ball whilst learning them!

Times Tables Songs:

<https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-3-times-table/z6sw382> - This is the one we will be using in class for movement breaks as a team.

Play Games!

- ✓ Make your own dominoes with multiples of 3 on one side and questions on the other and place them so that the ones touching create a multiplication or division sentence.
- ✓ Create a board game or a treasure hunt related to multiplication or division facts.
- ✓ Make some flashcards and ask a family member to test you!

Online games and quizzes:

<https://www.topmarks.co.uk/maths-games/5-7-years/times-tables>

<https://maths-games.org/times-tables-games.html>

<https://mathskills4kids.com/multiplication-3-times-table-quiz>

