



Key Instant Recall Facts

Year 3 - Autumn 2

Know the multiplication and division facts for the 3 times table

By the end of this half term children need to be able to instantly recall the following facts

$3 \times 1 = 3$

$3 \times 2 = 6$

$3 \times 3 = 9$

$3 \times 4 = 12$

$3 \times 5 = 15$

$3 \times 6 = 18$

$3 \times 7 = 21$

$3 \times 8 = 24$

$3 \times 9 = 27$

$3 \times 10 = 30$

$3 \times 11 = 33$

$3 \times 12 = 36$

$1 \times 3 = 3$

$2 \times 3 = 6$

$3 \times 3 = 9$

$4 \times 3 = 12$

$5 \times 3 = 15$

$6 \times 3 = 18$

$7 \times 3 = 21$

$8 \times 3 = 24$

$9 \times 3 = 27$

$10 \times 3 = 30$

$11 \times 3 = 33$

$12 \times 3 = 36$

$3 \div 3 = 1$

$6 \div 3 = 2$

$9 \div 3 = 3$

$12 \div 3 = 4$

$15 \div 3 = 5$

$18 \div 3 = 6$

$21 \div 3 = 7$

$24 \div 3 = 8$

$27 \div 3 = 9$

$30 \div 3 = 10$

$33 \div 3 = 11$

$36 \div 3 = 12$

$3 \div 1 = 3$

$6 \div 2 = 3$

$9 \div 3 = 3$

$12 \div 4 = 3$

$15 \div 5 = 3$

$18 \div 6 = 3$

$21 \div 7 = 3$

$24 \div 8 = 3$

$27 \div 9 = 3$

$30 \div 10 = 3$

$33 \div 11 = 3$

$36 \div 12 = 3$

Key Vocabulary

- What is 3 multiplied by 8?
- What is 8 times 3?
- What is 24 divided by 3?
- What is three lots of 8?
- Three 6s are?
- Three groups of 7 make?
- Share 21 into 3 groups.
How many is in each group?

Things to try

- Children should be able to answer these questions in any order, including missing number questions e.g. $3 \times \square = 18$ or $\square \div 3 = 11$.
- Songs and Chants - Listen to fun multiplication songs and chants online such as: <https://www.youtube.com/watch?v=uFmbB2vileA> or <https://www.youtube.com/watch?v=9XzfQUXqiYY>
- 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? - When creating fact families, children sometimes get confused by the order of the numbers it can be helpful to get practical items such as beads to recreate the number facts: $3 \times 5 = 15$, $5 \times 3 = 15$, $15 \div 5 = 3$, $15 \div 3 = 5$
- Use TT Rockstars

Top tips

The secret to success is practising little and often .

Use your time wisely.

Can you practise these KIRFs while walking to school or during a car journey?