



Key Instant Recall Facts

Year 4: Spring 1

WALT: know multiplication and division facts for the 11 and 12 times 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 4 should know the following facts and be able to recall them instantly:**

x11	÷11	x12	÷12
1 x 11 = 11	11 ÷ 11 = 1	1 x 12 = 12	12 ÷ 12 = 1
2 x 11 = 22	22 ÷ 11 = 2	2 x 12 = 24	24 ÷ 12 = 2
3 x 11 = 33	33 ÷ 11 = 3	3 x 12 = 36	36 ÷ 12 = 3
4 x 11 = 44	44 ÷ 11 = 4	4 x 12 = 48	48 ÷ 12 = 4
5 x 11 = 55	55 ÷ 11 = 5	5 x 12 = 60	60 ÷ 12 = 5
6 x 11 = 66	66 ÷ 11 = 6	6 x 12 = 72	72 ÷ 12 = 6
7 x 11 = 77	77 ÷ 11 = 7	7 x 12 = 84	84 ÷ 12 = 7
8 x 11 = 88	88 ÷ 11 = 8	8 x 12 = 96	96 ÷ 12 = 8
9 x 11 = 99	99 ÷ 11 = 9	9 x 12 = 108	108 ÷ 12 = 9
10 x 11 = 110	110 ÷ 11 = 10	10 x 12 = 120	120 ÷ 12 = 10
11 x 11 = 121	121 ÷ 11 = 11	11 x 12 = 132	132 ÷ 12 = 11
12 x 11 = 132	132 ÷ 11 = 12	12 x 12 = 144	144 ÷ 12 = 12

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!

Play Games!

- ✓ Make some cards with the answer and question. Use these to play the memory game or snap.
- ✓ Create a board game or a treasure hunt related to find the answer
- ✓ Make some flashcards and ask a family member to test you!

Useful Websites (games and information):

<https://www.topmarks.co.uk/maths-games/7-11-years/multiplication-and-division>

<https://www.multiplication.com/games/division-games>

<https://www.twinkl.co.uk/resources/kids-games-and-activities/educational-maths-games/parents-infants-5-7-maths-multiplication-and-division-multiplication-and-division-games>

https://www.mathplayground.com/index_multiplication_division.html

Don't forget to log in and practise your recall on Times Table Rockstars!



Key Vocabulary:

$$11 \times 6 = 66$$

Factor Factor Product

$$66 \div 6 = 11$$

Dividend Divisor Quotient

12, 24, 36, 48 ...

These are **multiples** of 12.

1, 3, 9, 11, 33 and 99 are all **factors** of 99.

Key Questions:

What are factors of ...

What are multiples of ...?

What is the product of ... and ...?