Key Instant Recall Facts

Year 4: Autumn 2

WALT: know multiplication and division facts for the 6- and 9-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 (Year 2 and 3 learning) and be able to recall them instantly:**

x6	÷6	x9	÷9
1 x 6 = 6	6 ÷ 6 = 1	1 x 9 = 9	9 ÷ 9 = 1
2 x 6= 12	12 ÷ 6 = 2	2 x 9 = 18	18 ÷ 9 = 2
3 x6 = 18	18 ÷ 6 = 3	3 x 9 = 27	27 ÷ 9 = 3
4 x 6 = 24	24 ÷ 6 = 4	4 x 9 = 36	36÷ 9 = 4
5 x 6 = 30	30 ÷ 6 = 5	5 x 9 = 45	45 ÷ 9 = 5
6 x 6 = 36	36 ÷ 6 = 6	6 x 9 = 54	54 ÷ 9 = 6
7 x 6 = 42	42 ÷ 6 = 7	7 x 9 = 63	63 ÷ 9 = 7
8 x6 = 48	48 ÷ 6 = 8	8 x 9 = 72	72 ÷ 9 = 8
9 x 6 = 54	54 ÷ 6 = 9	9 x 9 = 81	81 ÷ 9 = 9
10 x 6 = 60	60 ÷ 6 = 10	10 x 9 = 90	90 ÷ 9 = 10
11 x 6 = 66	66 ÷ 6 = 11	11 x 9 = 99	99 ÷ 9 = 11
12 x6 = 72	72 ÷ 6 = 12	12 x 9 = 108	108 ÷ 9 = 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
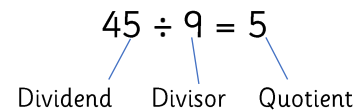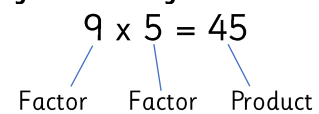✓ Make some flashcards and ask a family member to test you!

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:

9 x 5 = 45

Factor   Factor   Product

45 ÷ 9 = 5

Dividend   Divisor   Quotient

9, 18, 27, 36 …
These are **multiples** of 9.

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 …?