Key Instant Recall Facts

Yr 4– Spring 1

I can count in 9s and 11s.
I know the multiplication and division facts for the 9 and 11 times tables.

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

Count in 9s			**Count in 11s**		
0	0 x 9 = 0	9 ÷ 9 = 1	**0**	0 x 11 = 0	11 ÷ 11 = 1
9	1 x 9 = 9	18 ÷ 9 = 2	**11**	1 x 11 = 11	22 ÷ 11 = 2
18	2 x 9 = 18	27 ÷ 9 = 3	**22**	2 x 11 = 22	33 ÷ 11 = 3
27	3 x 9 = 27	36 ÷ 9 = 4	**33**	3 x 11 = 33	44 ÷ 11 = 4
36	4 x 9 = 36	45 ÷ 9 = 5	**44**	4 x 11 = 44	55 ÷ 11 = 5
45	5 x 9 = 45	54 ÷ 9 = 6	**55**	5 x 11 = 55	66 ÷ 11 = 6
54	6 x 9 = 54	63 ÷ 9 = 7	**66**	6 x 11 = 66	77 ÷ 11 = 7
63	7 x 9 = 63	72 ÷ 9 = 8	**77**	7 x 11 = 77	88 ÷ 11 = 8
72	8 x 9 = 72	81 ÷ 9 = 9	**88**	8 x 11 = 88	99 ÷ 11 = 9
81	9 x 9 = 81	90 ÷ 9 = 10	**99**	9 x 11 = 99	110÷ 11 =10
90	10 x 9 = 90	99 ÷ 9 = 11	**110**	10 x 11 = 110	121 ÷ 11 = 11
99	11 x 9 = 99	108 ÷ 9 = 12	**121**	11 x 11 = 121	132 ÷ 11 = 12
108	12 x 9 = 108		**132**	12 x 11 = 132	

Key vocabulary

What is 4 **times** 9? What is 8 **multiplied by** 11? What is 77 **divided by** 11?
What is 45 **shared between** 9? What is 132 **divided into groups of** 11?

They should be able to answer these questions in any order, including missing number questions, e.g. 9 × ◯ = 108 or ◯ ÷ 11 = 7.

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 of the day.

Buy one get three free – If your child knows one fact (e.g. 12 × 9 = 108), can they tell you the other three facts in the same fact family? If you know 7 x 9 = 63, then what will 70 x 9 be?

Times Table Rockstars – Children all have their username and password to practice in the "Garage" and the "Arena". They could try playing in the "Studio" and also do the Soundcheck.

Look for patterns – These times tables are full of patterns for your child to find. How many can they spot?
Use your ten times table – Multiply a number by 10 and subtract the original number (e.g. 7 ×10 –7 = 70 –7 = 63). What do you notice? What happens if you add your original number instead?

http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html See how many questions you can answer in 90seconds.

https://www.topmarks.co.uk/maths-games/daily10 and https://www.topmarks.co.uk/maths-games/hit-the-button