ALL SAINTS ACADEMY TRUST

Key Instant Recall Facts

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

Key vocabulary

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

They should be able to answer these questions in any order, including missing number questions.

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

Key Instant Recall Facts

Year 4 – Spring 2

I can count in 7s and 12s.

I know the multiplication and division facts for the 7 and 12 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 7s	0 x 7 = 0	7 ÷ 7 = 1	Count in 12s	0 x 12 = 0	12 ÷ 12 = 1
0	1 x 7 = 7	15 ÷ 7 = 2	0	1 x 12 = 12	24 ÷ 12 = 2
7	2 x 7 = 14	21 ÷ 7 = 3	12	2 x 12 = 24	36 ÷ 12 = 3
14	3 x 7 = 21	28 ÷ 7 = 4	24	3 x 12 = 36	48 ÷ 12 = 4
21	4 x 7 = 28	35 ÷ 7 = 5	36	4 x 12 = 48	60 ÷ 12 = 5
28	5 x 7 = 35	42 ÷ 7 = 6	48	5 x 12 = 60	72 ÷ 12 = 6
35	6 x 7 = 42	49 ÷ 7 = 7	60	6 x 12 = 72	84 ÷ 12 = 7
42	7 x 7 = 49	56 ÷ 7 = 8	72	7 x 12 = 84	96 ÷ 12 = 8
49	8 x 7 = 56	63 ÷ 7 = 9	84	8 x 12 = 96	108 ÷ 12 = 9
56	9 x 7 = 63	70 ÷ 7 = 10	96	9 x 12 = 108	120÷ 12 =10
63	10 x 7 = 70	77 ÷ 7 = 11	108	10 x 12 = 120	132 ÷ 12 = 11
70	11 x 7 = 77	84 ÷ 7 = 12	120	11 x 12 = 132	144 ÷ 12 = 12
77	12 x 7 = 84		132	12 x 12 = 144	
84			144		

Key vocabulary

What is 4 **times** 7?

What is 8 **multiplied by** 12?

What is 72 **divided by** 6?

What is 63 **shared between** 7?

What is 132 **divided into groups of** 12?

Top Tips

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