Key Instant Recall Facts

Year Four – 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, the children should know the following facts instantly.

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

Key vocabulary:

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?

The children need to answer these questions in any order, including missing number questions, e.g. 9 x ?? = 63 or ?? ÷ 12 = 12

Top Tips

The secret to success and putting these in your long term memory is working hard. To help do this, practise little and often. Use little moments of time. Practise these KIRFs while walking to school or during a car journey for example.

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?

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?

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