Key Instant Recall Facts (KIRFs)

Year 4: Autumn 1

I know multiplication and division facts for the 3, 4 and 8 times tables.

By the end of this half term, children should know the following facts. The aim is for children to recall these facts instantly (within 6 seconds), in and out of order.

x3	÷3	x4	÷4	x8	÷8
1 x 3 = 3	3 ÷ 3 = 1	1 x 4 = 4	4 ÷ 4 = 1	1 x 8 = 8	8 ÷ 8 = 1
2 x 3 = 6	6 ÷ 3 = 2	2 x 4 = 8	8 ÷ 4 = 2	2 x 8 = 16	16 ÷ 8 = 2
3 x 3 = 9	9 ÷ 3 = 3	3 x 4 = 12	12 ÷ 4 = 3	3 x 8 = 24	24 ÷ 8 = 3
4 x 3 = 12	12 ÷ 3 = 4	4 x 4 = 16	16 ÷ 4 = 4	4 x 8 = 32	32 ÷ 8 = 4
5 x 3 = 15	15 ÷ 3 = 5	5 x 4 = 20	20 ÷ 4 = 5	5 x 8 = 40	40 ÷ 8 = 5
6 x 3 = 18	18 ÷ 3 = 6	6 x 4 = 24	24 ÷ 4 = 6	6 x 8 = 48	48 ÷ 8 = 6
7 x 3 = 21	21 ÷ 3 = 7	7 x 4 = 28	28 ÷ 4 = 7	7 x 8 = 56	56 ÷ 8 = 7
8 x 3 = 24	24 ÷ 3 = 8	8 x 4 = 32	32 ÷ 4 = 8	8 x 8 = 64	64 ÷ 8 = 8
9 x 3 = 27	27 ÷ 3 = 9	9 x 4 = 36	36 ÷ 4 = 9	9 x 8 = 72	72 ÷ 8 = 9
10 x 3 = 30	30 ÷ 3 = 10	10 x 4 = 40	40 ÷ 4 = 10	10 x 8 = 80	80 ÷ 8 = 10
11 x 3 = 33	33 ÷ 3 = 11	11 x 4 = 44	44 ÷ 4 = 11	11 x 8 = 88	88 ÷ 8 = 11
12 x 3 = 36	36 ÷ 3 = 12	12 x 4 = 48	48 ÷ 4 = 12	12 x 8 = 96	96 ÷ 8 = 12

Key Questions

What is the product of x and x?

What two factors make x?

3 x ? = 12

21 ÷ ? = 7

Top Tips

The secret to success is practicing **LITTLE and OFTEN**. Can you practice these on the commute to school? On a car journey? At the dinner table? Can you create a game? Can you create a poster? You could practice whilst keeping active: You could throw and catch a ball whilst learning them!

Useful Activities/Websites

https://play.ttrockstars.com/public – Jamming or Garage Mode

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

Make Some Flashcards

Skip Counting – 3,6,9,12 etc – Create your own number line.

Make Arrays – You can use Lego and playdough to make it even more practical and fun!

For further information, support or advice, please speak to your child's teacher.