Key Instant Recall Facts (KIRFs)

Year 5: Autumn 1

I know all multiplication and division facts for all times tables up to x12

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.



X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Example Questions

What is the product of x and x?

What two factors make x?

What are the factors of x?

What are the multiples of 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

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