Key Instant Recall Facts
Year 5 – Autumn 2

Key Vocabulary

multiplication
division
recall
multiply
product
quotient
Divisor
Fact family
Operations
inverse

Key Questions

What is the inverse operation?

Can you find the division fact?

Can you write your own fact families for 6 x 4 etc?

What can you do to help you remember each times table?

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?

I aspire to know the multiplication and division facts for all times tables up to 12 x 12.

By the end of this half term, you should be able to know the multiplication and division facts for all times tables. The aim is for you to recall these facts instantly.

MULTIPLICATION TIMES TABLE

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

1 × 9		9
2 × 9		18
3 × 9		27
4 × 9		36
5 × 9		45
6 × 9		54

Your Home Learning this half term...

Challenge 1: Practising the 6 times tables	**Create a set of multiplication and division cards for a times tables** Create a set of fact cards for the 6 times table and the associated division facts. The children can play snap with the cards or other matching games.
Challenge 2: Increasing fluency	**Speed challenge** Take a pack of playing cards. Choose a times table to practise. Turn over a card and multiply by 12. (ace = 1, Jack = 11, Queen = 12). How many questions can they answer in 1 minute?
Challenge 3: Practising Tricky Tables	**Choose a tricky table** Choose a times tables that you find tricky to learn. Work through the activities to become a times table champion! https://www.bbc.co.uk/bitesize/topics/zm36g2p
Challenge 4: Challenge an adult!	**Play times tables tennis** Ask an adult at home to play Tables tennis with you. Can you beat the adult? https://ictgames.com/tablesTennis/gr/index.html
Challenge 5: Hit the button	**Play hit the button** Increase your recall at speed by using this game at home. Practise all week and bring in your final score to show your teacher. https://www.topmarks.co.uk/maths-games/hit-the-button
Challenge 6: Apply Your Knowledge	**Times table Board Game** Design your own board games where the objective is to move around and answer times table questions to advance. This could include rolling dice and solving problems based on the numbers rolled.