Key Instant Recall Facts - Year 5 Autumn Term 1

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

By the end of this half term, pupils should know the following facts. The aim is for them to recall these facts **instantly**.

Please see the attached for all the times table facts

×	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

The attached list includes some examples of facts that children should know

They should be able to answer these questions in any order, including missing number questions
e.g. 7 x ◯ = 28 or ◯ ÷ 6 = 7.

Key Vocabulary:

What is 12 **multiplied by** 6?

What is 7 **times** 8?

What is 84 **divided by** 7?

How many 8s in 56?

What is the **product of** 9 and 6?

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. If you would like more ideas, please speak to your child's teacher.

Activity ideas

- **Songs and Chants** You can find times table songs on Youtube.
- **Speed Challenge** Take two packs of playing cards and remove the kings. Turn over two cards and ask your child to multiply the numbers together (Ace = 1, Jack = 11, Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their high score.
- **Online games** There are many games online which can help children rehearse their multiplication and division facts.
  http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html (Multiplication tab)
- Tablemaster http://www.transum.org/Software/Tablesmaster/
- Hit the button https://www.topmarks.co.uk/maths-games/hit-the-button
- **Make a poster** Record the fact families for each multiplication times table, *for example*

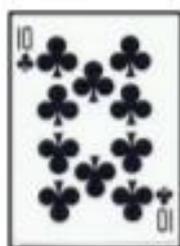| 7 x 10 = 70 10 x 7 = 70 70 ÷ 7 = 10 70 ÷ 10 = 7	To make it harder try removing some of the parts ➡	7 x ___ = 70 ___ x 7 = 70 ___ ÷ 7 = 10 70 ÷ ___ = 7

Meadlands Primary School

Multiplication Top-It

Players   2

Materials: Deck of cards, face cards worth ten, Ace worth 1 or 11.

How to Play: Each player turns over two cards and multiplies to get a product. The player with the largest product wins all the cards. Continue until all the cards are gone.

$4 \times 10 = 40$ $3 \times 6 = 18$

Player 1 wins all four cards.