Key Instant Recall Facts
YEAR 6 – Autumn 1

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

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

This is a chance for Year 6 children to consolidate their knowledge of multiplication and division facts and to increase their speed of recall. They should be able to answer these questions in any order, including missing number questions

Key Vocabulary

What is 8 **multiplied by** 6?

What is 7 **times** 4?

What is 81 **divided by** 9?

What is the **product** of 5 and 7?

1	2	3	4	5	6
1 x 1 = 1	2 x 2 = 4	3 x 3 = 9	4 x 4 = 16	5 x 5 = 25	6 x 6 = 36
1 x 2 = 2	2 x 3 = 6	3 x 4 = 12	4 x 5 = 20	5 x 6 = 30	6 x 7 = 42
1 x 3 = 3	2 x 4 = 8	3 x 5 = 15	4 x 6 = 24	5 x 7 = 35	6 x 8 = 48
1 x 4 = 4	2 x 5 = 10	3 x 6 = 18	4 x 7 = 28	5 x 8 = 40	6 x 9 = 54
1 x 5 = 5	2 x 6 = 12	3 x 7 = 21	4 x 8 = 32	5 x 9 = 45	6 x 10 = 60
1 x 6 = 6	2 x 7 = 14	3 x 8 = 24	4 x 9 = 36	5 x 10 = 50	6 x 11 = 66
1 x 7 = 7	2 x 8 = 16	3 x 9 = 27	4 x 10 = 40	5 x 11 = 55	6 x 12 = 72
1 x 8 = 8	2 x 9 = 18	3 x 10 = 30	4 x 11 = 44	5 x 12 = 60	
1 x 9 = 9	2 x 10 = 20	3 x 11 = 33	4 x 12 = 48		
1 x 10 = 10	2 x 11 = 22	3 x 12 = 36			
1 x 11 = 11	2 x 12 = 24				
1 x 12 = 12					

7	8	9	10	11	12
7 x 7 = 49	8 x 8 = 64	9 x 9 = 81	10 x 10 = 100	11 x 11 = 121	12 x 12 = 144
7 x 8 = 56	8 x 9 = 72	9 x 10 = 90	10 x 11 = 110	11 x 12 = 132	
7 x 9 = 63	8 x 10 = 80	9 x 11 = 99	10 x 12 = 120		
7 x 10 = 70	8 x 11 = 88	9 x 12 = 108			
7 x 11 = 77	8 x 12 = 96				
7 x 12 = 84					

Children who have already mastered their times tables should apply this knowledge to answer questions including decimals

e.g. 0.7 x □ = 4.2 or □ ÷ 60 = 0.7

Things to Try

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 start with one particular times tables and ensure they know all of them before moving onto another times table.

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 and Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their highest score.

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some short picture stories to help children remember.

Useful Websites:

https://www.topmarks.co.uk/maths-games/daily10 - Level 6 Multiplication/Level 6 Division

https://play.ttrockstars.com/- Children should be regularly practising their times tables on TTRS and improving their speed

http://www.conkermaths.org/

www.timestables.co.uk