Key Instant Recall Facts (KIRFs)

Year 3: Autumn 2

I know multiplication and division facts for the 2, 5 and 10 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.

X2	÷2	X5	÷5	X10	÷10
1 x 2 = 2	2 ÷ 2 = 1	1 x 5 = 5	5 ÷ 5 = 1	1 x 10 = 10	10 ÷ 10 = 1
2 x 2= 4	4 ÷ 2 = 2	2 x 5 = 10	10 ÷ 5 = 2	2 x 10 = 20	20 ÷ 10 = 2
3 x 2 = 6	6 ÷ 2 = 3	3 x 5 = 15	15 ÷ 5 = 3	3 x 10 = 30	30 ÷ 10 = 3
4 x 2 = 8	8 ÷ 2 = 4	4 x 5 = 20	20 ÷ 5 = 4	4 x 10 = 40	40 ÷ 10 = 4
5 x 2 = 10	10 ÷ 2 = 5	5 x 5 = 25	25 ÷ 5 = 5	5 x 10 = 50	50 ÷ 10 = 5
6 x 2 = 12	12 ÷ 2 = 6	6 x 5 = 30	30 ÷ 5 = 6	6 x 10 = 60	60 ÷ 10 = 6
7 x 2 = 14	14 ÷ 2 = 7	7 x 5 = 35	35 ÷ 5 = 7	7 x 10 = 70	70 ÷ 10 = 7
8 x 2 = 16	16 ÷ 2 = 8	8 x 5 = 40	40 ÷ 5 = 8	8 x 10 = 80	80 ÷10 = 8
9 x 2 = 18	18 ÷ 2 = 9	9 x 5 = 45	45 ÷ 5 = 9	9 x 10 = 90	90 ÷ 10 = 9
10 x 2 = 20	20 ÷ 2 = 10	10 x 5 = 50	50 ÷ 5 = 10	10 x 10 = 100	100 ÷ 10 = 10
11 x 2 = 22	22 ÷ 2 = 11	11 x 5 = 55	55 ÷ 5 = 11	11 x 10 = 110	110 ÷ 10 = 11
12 x 2 = 24	24 ÷ 2 = 12	12 x 5 = 60	60 ÷ 5 = 12	12 x 10 = 120	120 ÷ 10 = 12

Key Questions

What is the product of x and x?

What two factors make x?

3 x ? = 15

80 ÷ ? = 8

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

https://uk.splashlearn.com/maths/times-tables-games

Make Some Flashcards

Skip Counting – 2,4,6,8 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.