Key Instant Recall Facts (KIRFS)
Year 3 Autumn 2

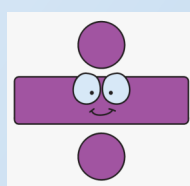St Barnabas
CofE Primary School

We are learning …

To rapidly recall multiplication and division facts for the 3 times table

Key Vocabulary

- multiply
- times
- divide
- how many threes?
- 3 five times

Key Questions

What is 7 groups of 3?

What is 33 divided by 3?

How many groups of 3 in 18?

What is 3 eight times?

What is the missing number?

? x 3 = 30

Key Instant Recall Facts

x3	x3	÷3	÷3
1 x 3 = 3	3 x 1 = 3	3 ÷ 3 = 1	3 ÷ 1 = 3
2 x 3 = 6	3 x 2 = 6	6 ÷ 3 = 2	6 ÷ 2 = 3
3 x 3 = 9	3 x 3 = 9	9 ÷ 3 = 3	9 ÷ 3 = 3
4 x 3 = 12	3 x 4 = 12	12 ÷ 3 = 4	12 ÷ 4 = 3
5 x 3 = 15	3 x 5 = 15	15 ÷ 3 = 5	15 ÷ 5 = 3
6 x 3 = 18	3 x 6 = 18	18 ÷ 3 = 6	18 ÷ 6 = 3
7 x 3 = 21	3 x 7 = 21	21 ÷ 3 = 7	21 ÷ 7 = 3
8 x 3 = 24	3 x 8 = 24	24 ÷ 3 = 8	24 ÷ 8 = 3
9 x 3 = 27	3 x 9 = 27	27 ÷ 3 = 9	27 ÷ 9 = 3
10 x 3 = 30	3 x 10 = 30	30 ÷ 3 = 10	30 ÷ 10 = 3
11 x 3 = 33	3 x 11 = 33	33 ÷ 3 = 11	33 ÷ 11 = 3
12 x 3= 36	3 x 12 = 36	36 ÷ 3 = 12	36 ÷ 12 = 3

Top Tips

Buy one get three free – If you know one fact, can you use this fact to work out the other three facts in the same fact family? Here is an example.

If I know 5 x 3 =15, I also know 3 x 5 = 15, 15 ÷ 5 = 3 and 15 ÷ 3 = 5

Can you solve missing number questions? e.g. 3 x ? = 18   or   ? ÷ 3 = 11