# Key Instant Recall Facts

# Year 3—Summer 1

By the end of this half term, children should know the following facts. The aim is for them to recall these facts with **speed and accuracy.**

## I know multiplication and division facts for the 4 times table

Children should be able to instantly recall the 4 times table:

| | | | |
|---|---|---|---|
| 4 x 1 = 4 | 1 x 4 = 4 | 4 ÷ 4 = 1 | 4 ÷ 1 = 4 |
| 4 x 2 = 8 | 2 x 4 = 8 | 8 ÷ 4 = 2 | 8 ÷ 2 = 4 |
| 4 x 3 = 12 | 3 x 4 = 12 | 12 ÷ 4 = 3 | 12 ÷ 3 = 4 |
| 4 x 4 = 16 | 4 x 4 = 16 | 16 ÷ 4 = 4 | 16 ÷ 4 = 4 |
| 4 x 5 = 20 | 5 x 4 = 20 | 20 ÷ 4 = 5 | 20 ÷ 5 = 4 |
| 4 x 6 = 24 | 6 x 4 = 24 | 24 ÷ 4 = 6 | 24 ÷ 6 = 4 |
| 4 x 7 = 28 | 7 x 4 = 28 | 28 ÷ 4 = 7 | 28 ÷ 7 = 4 |
| 4 x 8 = 32 | 8 x 4 = 32 | 32 ÷ 4 = 8 | 32 ÷ 8 = 4 |
| 4 x 9 = 36 | 9 x 4 = 36 | 36 ÷ 4 = 9 | 36 ÷ 9 = 4 |
| 4 x 10 = 40 | 10 x 4 = 40 | 40 ÷ 4 = 10 | 40 ÷ 10 = 4 |
| 4 x 11 = 44 | 11 x 4 = 44 | 44 ÷ 4 = 11 | 44 ÷ 11 = 4 |
| 4 x 12 = 48 | 12 x 4 = 48 | 48 ÷ 4 = 12 | 48 ÷ 12 = 4 |

### Key Vocabulary

What is 4 multiplied by 7?

What is 4 times 5?

What is 44 divided by 4?

### Using arrays:

3 x 4 =

### Top tips

The secret to success is practicing **little** and **often**. Can you practice this KIRF whilst walking to school or during a car journey? You do not need to practice all of the KIRF all at once. Perhaps you could have a fact of the day, or a few facts per week to practice? If you would like more ideas, please speak to your child's class teacher.

### Practical ideas and resources:

- *TT Rockstars is a great way to practice times tables.

- To multiply a number by 4, simply double it and double it again.

- Chant the four times table together.

- If your child knows one fact (e.g 12 x 4 = 48) can they tell you the three other facts in the same fact family?

* Fact families–give your child a four times table fact. Can they write down the other three calculations for the fact? Songs and games are a great way for children to learn. Try the links below:

KS1 Maths: The 4 Times Table with Cyril the Swan - BBC Teach