



## Key Instant Recall Facts Year Three – Autumn 2

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

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

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

#### Key Vocabulary

What is 4 **multiplied** by 6?

What is 8 **times** 4?

What is 24 **divided** by 4?

They should be able to answer these questions in any order, including missing number questions e.g.  $4 \times \bigcirc = 16$  or  $\bigcirc \div 4 = 7$

#### 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.

Use what you already know - Your child will already know many of these facts from the 2, 3, 5 and 10 times tables.

Songs and Chants - There are some some catchy songs available on You Tube to help children remember multiplication facts. One we enjoy in school is

<https://www.youtube.com/watch?v=IZ4ooLN7Bmo>

Double and double again - Multiplying a number by 4 is the same as doubling and doubling again. Double 6 is 12 and double 12 is 24, so  $6 \times 4 = 24$ .

Play games - See how many questions you can answer in just one minute by playing a game at [www.hitthebutton.co.uk](http://www.hitthebutton.co.uk)