



# Key Instant Recall Facts

## Year 5 - Autumn 1

### I know decimal number bonds to 1 and 10.

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

Some examples:

$$0.6 + 0.4 = 1 \qquad 3.7 + 6.3 = 10$$

$$0.4 + 0.6 = 1 \qquad 6.3 + 3.7 = 10$$

$$1 - 0.4 = 0.6 \qquad 10 - 6.3 = 3.7$$

$$1 - 0.6 = 0.4 \qquad 10 - 3.7 = 6.3$$

$$0.75 + 0.25 = 1 \qquad 4.8 + 5.2 = 10$$

$$0.25 + 0.75 = 1 \qquad 5.2 + 4.8 = 10$$

$$1 - 0.25 = 0.75 \qquad 10 - 5.2 = 4.8$$

$$1 - 0.75 = 0.25 \qquad 10 - 4.8 = 5.2$$

#### Key Vocabulary

What do I **add** to 0.8 to make 1?

What is 1 **take away** 0.06?

What is 1.3 **less than** 10?

**How many more** than 9.8 is 10?

What is the **difference** between 0.92 and 10?

This list includes some examples of facts that children should know. They should be able to answer questions including missing number questions e.g.  $0.49 + \bigcirc = 10$  or  $72 + \bigcirc = 10$

### 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. If you would like more ideas, please speak to your child's teacher.

Buy one get three free - If your child knows one fact (e.g.  $8 + 5 = 13$ ), can they tell you the other three facts in the same fact family?

Use number bonds to 10 - How can number bonds to 10 help you work out number bonds to 100?

Play games - There are missing number questions at <https://www.topmarks.co.uk/maths-games/hit-the-button>. See how many questions you can answer in just 90 seconds. There is also a number bond pair game to play.



# Key Instant Recall Facts

## Year 5 - Autumn 2

**I know the multiplication and division facts for all times tables up to  $12 \times 12$ .**

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

Please see separate sheet for all times table facts.

### Key Vocabulary

What is 12 **multiplied by** 6?

What is 7 **times** 8?

What is 84 **divided by** 7?

They should be able to answer these questions in any order, including missing number questions e.g.  $7 \times \bigcirc = 28$  or  $\bigcirc \div 6 = 7$ .

### 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 family of the day. If you would like more ideas, please speak to your child's teacher.

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

Online games - There are many games online which can help children practise their multiplication and division facts. <https://www.topmarks.co.uk/maths-games/hit-the-button> is a good place to start.

Use memory tricks - For those hard-to-remember facts, [www.multiplication.com](http://www.multiplication.com) has some strange picture stories to help children remember.