



## KEY INSTANT RECALL FACTS

STAGE: 6

SUMMER: 1

**I know addition and subtraction facts for multiples of 10 to 1000 and decimal numbers with one decimal place. I know what must be added to a decimal with units, tenths and hundredths to make the next whole number. I can add doubles and near doubles of decimals and add or subtract a decimal with units and tenths that is nearly a whole number.**

By the end of this half term, children should be able to work out the following facts and other similar facts.

Some examples:

$$70 + \bigcirc = 150$$

$$4.1 + \bigcirc = 5$$

$$1.6 + 1.6 = \bigcirc$$

$$230 - \bigcirc = 160$$

$$8.6 + \bigcirc = 9$$

$$3.7 + 3.7 = \bigcirc$$

$$650 + \bigcirc = 930$$

$$4.51 + \bigcirc = 5$$

$$2.5 + 2.6 = \bigcirc$$

$$720 - \bigcirc = 590$$

$$7.26 + \bigcirc = 8$$

$$4.5 + 4.6 = \bigcirc$$

$$1.4 + 4.7 = \bigcirc$$

$$3.71 + \bigcirc = 4$$

$$4.3 + 2.9 = \bigcirc$$

$$5.2 + \bigcirc = 8.1$$

$$2.345 + \bigcirc = 3$$

$$5.9 + 4.2 = \bigcirc$$

$$6.3 - 4.5 = \bigcirc$$

$$5.679 + \bigcirc = 6$$

$$6.5 - 3.9 = \bigcirc$$

$$\bigcirc - 1.4 = 2.5$$

$$7.156 + \bigcirc = 8$$

$$4.2 - 3.8 = \bigcirc$$

### Key Vocabulary

What do I **add** to 430 to make 620?

What is 830 **take away** 490?

What is the **difference** between 4.5 and 2.8?

**How many more** than 9.8 is 12.1?

What do I **add** to 3.54 to make the next whole number?

What is **double** 6.7?

This list includes some examples of facts that children should know. They should be able to questions with the missing number in different places e.g.  $140 + \bigcirc = 630$  or  $\bigcirc - 6.6 = 8.5$  or  $4.5 - 2.8 = \bigcirc$ .

### 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.  $6.3 - 4.5 = 1.8$ ), can they tell you the other three facts in the same fact family?

Use number bonds to 10, 100 and 1000 - How can number bonds to 10, 100 and 1000 help you work out number bonds to the next whole number?

Use Place Value - For decimal calculations, it can be easier to convert to whole numbers first then convert back after calculating e.g.  $6.3 - 4.5$  becomes  $63 - 45 = 18$  so the answer to  $6.3 - 4.5 = 1.8$

Use Rounding - For adding and subtracting decimals that are close to a whole number, round up first then adjust e.g.  $2.3 + 4.9$  becomes  $2.3 + 5 = 7.3$  then subtract 0.1 to give the answer 7.2