



# Quick Recall Facts

## Year 4 – Autumn 1

I know number bonds to 100.

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

Some examples:

$60 + 40 = 100$

$40 + 60 = 100$

$100 - 40 = 60$

$100 - 60 = 40$

$75 + 25 = 100$

$25 + 75 = 100$

$100 - 25 = 75$

$100 - 75 = 25$

$37 + 63 = 100$

$63 + 37 = 100$

$100 - 63 = 37$

$100 - 37 = 63$

$48 + 52 = 100$

$52 + 48 = 100$

$100 - 52 = 48$

$100 - 48 = 52$

### Key Vocabulary

What do I **add** to 65 to make 100?

What is 100 **take away** 6?

What is 13 **less than** 100?

**How many more** than 98 is 100?

What is the **difference** between 89 and 100?

This list includes some examples of facts that children should know. They should be able to answer questions including missing number questions e.g.  $49 + \bigcirc = 100$  or  $100 - \bigcirc = 72$ .

### Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these Quick Recall Facts while walking to school? 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?



# Quick Recall Facts

## Year 4 – Autumn 2

I know the multiplication and division facts for the eight times table.

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

$8 \times 1 = 8$	$1 \times 8 = 8$	$8 \div 8 = 1$	$8 \div 1 = 8$
$8 \times 2 = 16$	$2 \times 8 = 16$	$16 \div 8 = 2$	$16 \div 2 = 8$
$8 \times 3 = 24$	$3 \times 8 = 24$	$24 \div 8 = 3$	$24 \div 3 = 8$
$8 \times 4 = 32$	$4 \times 8 = 32$	$32 \div 8 = 4$	$32 \div 4 = 8$
$8 \times 5 = 40$	$5 \times 8 = 40$	$40 \div 8 = 5$	$40 \div 5 = 8$
$8 \times 6 = 48$	$6 \times 8 = 48$	$48 \div 8 = 6$	$48 \div 6 = 8$
$8 \times 7 = 56$	$7 \times 8 = 56$	$56 \div 8 = 7$	$56 \div 7 = 8$
$8 \times 8 = 64$	$8 \times 8 = 64$	$64 \div 8 = 8$	$64 \div 8 = 8$
$8 \times 9 = 72$	$9 \times 8 = 72$	$72 \div 8 = 9$	$72 \div 9 = 8$
$8 \times 10 = 80$	$10 \times 8 = 80$	$80 \div 8 = 10$	$80 \div 10 = 8$
$8 \times 11 = 88$	$11 \times 8 = 88$	$88 \div 8 = 11$	$88 \div 11 = 8$
$8 \times 12 = 96$	$12 \times 8 = 96$	$96 \div 8 = 12$	$96 \div 12 = 8$

### Key Vocabulary

What is 8 multiplied by 6?

What is 6 times 8?

What is the product of 6 and 8?

What is 48 divided by 8?

- ▶ They should be able to answer these questions in any order, including missing number questions e.g.  $8 \times \bigcirc = 72$  or  $\bigcirc \div 8 = 7$ .

### Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these Quick Recall Facts 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.

Songs and Chants – You can buy Times Tables CDs or find multiplication songs and chants online. If your child creates their own song, this can make the times tables even more memorable.

Double your fours – Multiplying a number by 8 is the same as multiplying by 4 and then doubling the answer.  $6 \times 4 = 24$  and double 24 is 48, so  $6 \times 8 = 48$ .

Buy one get three free – If your child knows one fact (e.g.  $2 \times 8 = 16$ ), can they tell you the other three facts in the same fact family?

Warning! – When creating fact families, children sometimes get confused by the order of the numbers in the division number sentence. It is tempting to say that the biggest number goes first, but it is more helpful to say that the answer to the multiplication goes first, as this will help your child more in later years when they study fractions, decimals and algebra.

E.g.  $8 \times 12 = 96$ . The answer to the multiplication is 96, so  $96 \div 8 = 12$  and  $96 \div 12 = 8$