



Key Instant Recall Facts

Year 3 – Summer Term 2

I know multiplication and division facts for the 8 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**.

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

Key vocabulary

What is 8 multiplied by 7?

What is 8 times 5?

What is 32 divided by 8?

They should be able to answer these questions in any order, including missing number questions e.g. $8 \times __ = 16$ or $__ \div 8 = 5$

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 do not 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.

Practical resources

- Use what you already know – If your child knows that $8 \times 2 = 16$, they can use this fact to work out that $8 \times 3 = 24$
- Test the Parent – Your child can make up their own tricky division questions for you e.g. What is 28 divided by 4? They need to be able to multiply to create these questions.
- Double your fours – Multiplying a number by 8 is the same as multiply by 4 and then doubling the answer. $8 \times 3 = 24$ and double 24 is 48, so $8 \times 3 = 24$.
- Five six seven eight – fifty-six is seven times eight ($56 = 7 \times 8$)
- I ate and ate until I was sick on the floor – eight times eight is sixty-four ($8 \times 8 = 64$)