

# Key Instant Recall Facts

## Year 3 - Summer Term 2

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **with speed and accuracy**:

I know multiplication and division facts  
for the 8 times table

Children should be able to instantly recall  
the 8 times table facts below:

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

### Key vocabulary

What is 4 multiplied by 8?

What is 4 times 8?

What is 32 divided by 8?

### Top tips

The secret to success is practising *little* and *often*. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise? If you would like more ideas, please speak to your child's teacher.

### Practical resources and ideas

- **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 eg. 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 ( $8 \times 8 = 64$ )