



Key Instant Recall Facts

Year 3 - Summer 3

Recall the multiplication and division facts for the 8 times table.

By the end of this half term children need to be able to instantly recall the following facts

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

Things to try

Key Vocabulary

- What is 8 multiplied by 6? What is 8 times 8? What is 24 divided by 8? What is eight lots of 9? Eight 6s are? Eight groups of 7 make? Share 56 into 4 groups. How many is in each group?

- Children should be able to chant these numbers confidently and quickly, both forwards and backwards.
- Children should be able to start with any number and continue the pattern.
- They should be able to answer these questions in any order, including missing number questions e.g. $8 \times \square = 16$ or $\square \div 8 = 7$.
- You don't need to practise them all at once: perhaps you could have a fact family of the day.
- Double your fours - Multiplying a number by 8 is the same as multiply by 4 and then doubling the answer. $8 \times 4 = 32$ and double 32 is 64, so $8 \times 8 = 64$.
- Songs and Chants - Listen to fun multiplication songs and chants online such as: <https://www.youtube.com/watch?v=dSnNkgMbtfs> or https://www.youtube.com/watch?v=z_BJjR9rdwA. You could even create your own song! If your child creates their own song, this can make the times tables even more memorable. Chant the times table in and out of order ...six eights are forty-eight, seven eights are fifty-six...
- Use memory tricks - For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.
- Use TT Rockstars

Top tips

The secret to success is practising little and often .

Use your time wisely.

Can you practise these KIRFs while walking to school or during a car journey?