



Key Instant Recall Facts

Year 3 – Summer 2

I can recall the multiplication and division facts for the 8 times table.

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

multiplied multiply times
product divide
divided equal total

Key Questions

What is 3 times 8?
What is 80 divided by 8?
What is 4 multiplied by 8?

They should be able to answer these questions in any order, including missing number questions e.g.

$$8 \times \bigcirc = 16 \text{ or } \bigcirc \div 8 = 7.$$

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 family of the day.

Helpful Strategies

Double your fours – Multiplying a number by 8 is the same as multiplying by 4 and then doubling the answer. $8 \times 4 = 32$, and double 32 is 64, so $8 \times 8 = 64$.

Five six seven eight – fifty-six is seven times eight ($56 = 7 \times 8$).

Buy one, get three free – If your child knows one fact (e.g. $8 \times 5 = 40$), can they tell you the other three facts in the same fact family?

Fun Practice Ideas

Chanting & rhythm – say the table aloud while clapping or marching

Quick-fire questions – 5 minutes daily (mix multiplication & division)

Beat the clock – how many can they answer in 1 minute?

Dice game – roll a number and multiply by 8

Matching pairs – match calculations to answers

Online games

Hit the Button - Quick fire maths practise for 6-11 year olds <https://www.topmarks.co.uk/maths-games/hit-the-button>

Multiplication activities - <https://www.timestables.co.uk/>

Times Tables Rockstars - <https://trockstars.com/>

White Rose 1 Minute Maths - free app