



Key Instant Recall Facts KIRFs

To help develop children's fluency in mathematics, we ask them to learn Key Instant Recall Facts each half term. We expect children to practise their KIRFs at least 3 times a week.

These lists of KIRFs align with the new curriculum.

They designed to be challenging and it is intended that children will be taught the necessary maths in lessons beforehand.



Key Instant Recall Facts



Year 2 – Autumn 2

I know the multiplication and division facts for the 2 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.

$2 \times 1 = 2$	$2 + 2 = 4$
$2 \times 2 = 4$	$4 + 2 = 6$
$2 \times 3 = 6$	$6 + 2 = 8$
$2 \times 4 = 8$	$8 + 2 = 10$
$2 \times 5 = 10$	$10 + 2 = 12$
$2 \times 6 = 12$	$12 + 2 = 14$
$2 \times 7 = 14$	$14 + 2 = 16$
$2 \times 8 = 16$	$16 + 2 = 18$
$2 \times 9 = 18$	$18 + 2 = 20$
$2 \times 10 = 20$	$20 + 2 = 22$
$2 \times 11 = 22$	$22 + 2 = 24$
$2 \times 12 = 24$	

Key Vocabulary

What is 2 multiplied by 7?

What is 2 times 12?

What is 12 divided by 2?

They should be able to answer these questions in any order, including missing number questions e.g. $2 \times \bigcirc = 8$ or $\bigcirc + 2 = 6$.

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 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.

Use what you already know – If your child knows that $2 \times 5 = 10$, they can use this fact to work out that $2 \times 6 = 12$.

Test the Parent – Your child can make up their own tricky division questions for you e.g. What is 12 divided by 2? They need to be able to multiply to create these questions.

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.

Don't forget TTRockstars too.