

Key Instant Recall Facts

Year 1 - Autumn

I know number bonds for each number to 10.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 1 = 1$	$0 + 4 = 4$	$0 + 6 = 6$	$0 + 7 = 7$	$0 + 8 = 8$	$0 + 9 = 9$	$0 + 10 = 10$
$1 + 0 = 1$	$1 + 3 = 4$	$1 + 5 = 6$	$1 + 6 = 7$	$1 + 7 = 8$	$1 + 8 = 9$	$1 + 9 = 10$
	$2 + 2 = 4$	$2 + 4 = 6$	$2 + 5 = 7$	$2 + 6 = 8$	$2 + 7 = 9$	$2 + 8 = 10$
$0 + 2 = 2$	$3 + 1 = 4$	$3 + 3 = 6$	$3 + 4 = 7$	$3 + 5 = 8$	$3 + 6 = 9$	$3 + 7 = 10$
$1 + 1 = 2$	$4 + 0 = 4$	$4 + 2 = 6$	$4 + 3 = 7$	$4 + 4 = 8$	$4 + 5 = 9$	$4 + 6 = 10$
$2 + 0 = 2$		$5 + 1 = 6$	$5 + 2 = 7$	$5 + 3 = 8$	$5 + 4 = 9$	$5 + 5 = 10$
	$0 + 5 = 5$	$6 + 0 = 6$	$6 + 1 = 7$	$6 + 2 = 8$	$6 + 3 = 9$	$6 + 4 = 10$
$0 + 3 = 3$	$1 + 4 = 5$		$7 + 0 = 7$	$7 + 1 = 8$	$7 + 2 = 9$	$7 + 3 = 10$
$1 + 2 = 3$	$2 + 3 = 5$			$8 + 0 = 8$	$8 + 1 = 9$	$8 + 2 = 10$
$2 + 1 = 3$	$3 + 2 = 5$				$9 + 0 = 9$	$9 + 1 = 10$
$3 + 0 = 3$	$4 + 1 = 5$					$10 + 0 = 10$
	$5 + 0 = 5$					

Key Vocabulary

What is 3 **add** 2?

What is 2 **plus** 2?

What is 5 **take away** 2?

What is 10 **subtract** 2?

What is 1 **less than** 4?

They should be able to answer these questions in any order, including missing number questions e.g. $3 + \bigcirc = 5$ or $4 - \bigcirc = 2$.

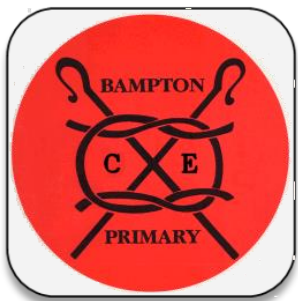
Top Tips

The secret to success is practising **little** and **often**. 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.

Use practical resources & make it fun! – Your child has one potato on their plate and you give them three more. Can they predict how many they will have now? What's hidden? There are 5 beans on this plate, I hide some under a beaker - how many have I hidden?

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 5.

Play games – You can play number bond pairs online at www.conkermaths.com and then see how many questions you can answer in just one minute.



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**.

$2 \times 1 = 2$

$2 \div 2 = 1$

$2 \times 2 = 4$

$4 \div 2 = 2$

$2 \times 3 = 6$

$6 \div 2 = 3$

$2 \times 4 = 8$

$8 \div 2 = 4$

$2 \times 5 = 10$

$10 \div 2 = 5$

$2 \times 6 = 12$

$12 \div 2 = 6$

$2 \times 7 = 14$

$14 \div 2 = 7$

$2 \times 8 = 16$

$16 \div 2 = 8$

$2 \times 9 = 18$

$18 \div 2 = 9$

$2 \times 10 = 20$

$20 \div 2 = 10$

$2 \times 11 = 22$

$22 \div 2 = 11$

$2 \times 12 = 24$

$24 \div 2 = 12$

Key Vocabulary

What is 2 **multiplied by** 7?

What is 2 **times** 9?

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 $\bigcirc \div 2 = 6$.

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 $2 \times 6 = 12$. Use recourses around the house to count in 2s.

Test the Parent – Your child can make up their own tricky division questions for you e.g. *What is 18 divided by 2?* They need to be able to multiply to create these questions.

Games – There are a range of different games on www.multiplication.com to help children remember their multiplication facts.