



Key Instant Recall Facts

Year 2 – Autumn 1



I know number bonds to 20

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

$0 + 20 = 20$	$8 + 12 = 20$	$16 + 4 = 20$
$1 + 19 = 20$	$9 + 11 = 20$	$17 + 3 = 20$
$2 + 18 = 20$	$10 + 10 = 20$	$18 + 2 = 20$
$3 + 17 = 20$	$11 + 9 = 20$	$19 + 1 = 20$
$4 + 16 = 20$	$12 + 8 = 20$	$20 + 0 = 20$
$5 + 15 = 20$	$13 + 7 = 20$	
$6 + 14 = 20$	$14 + 6 = 20$	
$7 + 13 = 20$	$15 + 5 = 20$	

Key Vocabulary

What do I **add** to 5 to make 20?

What is 20 **take away** 6?

What is 3 **less than** 20?

How many **more than** 16 is 20?

These also need to be recalled with the matching subtractions. For example:

$20 - 20 = 0$	$20 - 18 = 2$	$20 - 16 = 4$
$20 - 19 = 1$	$20 - 17 = 3$	$20 - 15 = 5$

They should be able to answer these questions in any order, including missing number questions e.g. $19 + \bigcirc = 20$ or $20 - \bigcirc = 8$

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 do not 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 what you already know – Use number bonds to 10 (e.g. $7 + 3 = 10$) to work out related number bonds to 20 (e.g. $17 + 3 = 20$).

Use practical resources – Make collections of 20 objects. Ask questions such as, 'How many more conkers would I need to make 20?'

Make a poster – We use Numicon at school.– your child could make a poster showing the different ways of making 20.

Play Games – You can play number bond pairs online at <https://ictgames.com/mobilePage/smoothie/>.