Key Instant Recall Facts

Year 3 – Autumn 1

I know number bonds for all numbers to 20.

$2 + 9 = 11$	$5 + 9 = 14$
$3 + 8 = 11$	$6 + 8 = 14$
$4 + 7 = 11$	$7 + 7 = 14$
$5 + 6 = 11$	$6 + 9 = 15$
$3 + 9 = 12$	$7 + 8 = 15$
$4 + 8 = 12$	$7 + 9 = 16$
$5 + 7 = 12$	$8 + 8 = 16$
$6 + 6 = 12$	$8 + 9 = 17$
$4 + 9 = 13$	$9 + 9 = 18$
$5 + 8 = 13$	
$6 + 7 = 13$	

Example of a fact family

$6 + 9 = 15$

$9 + 6 = 15$

$15 - 9 = 6$

$15 - 9 = 6$

Examples of other facts

$4 + 5 = 9$

$13 + 5 = 18$

$19 - 7 = 12$

$10 - 6 = 4$

Key Vocabulary

What do I **add** to 5 to make 19?

What is 17 **take away** 6?

What is 13 **less than** 15?

How many more than 8 is 11?

What is the **difference** between 9 and 13?

This list includes the most challenging facts but children will need to learn **all** number bonds for each number to 20 (e.g. $15 + 2 = 17$). This includes related subtraction facts (e.g. $17 - 2 = 15$).

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.

Buy one get three free - If your child knows one fact (e.g. $8 + 5 = 13$), can they tell you the other three facts in the same fact family?

Use doubles and near doubles – If you know that $6 + 6 = 12$, how can you work out $6 + 7$? What about $5 + 7$?

Play games – There are missing number questions at www.conkermaths.com . See how many questions you can answer in just one minute.