



## Year 3 Key Instant Recall Facts Autumn Term 1



By the end of this half term, children should know the following facts. The aim is for them to recall these facts **with speed and accuracy**:

# I know number bonds for all numbers to 20.

Children should know the following facts. The aim is for them to recall these facts instantly.

$2 + 9 = 11$	$5 + 9 = 14$	<u>Example of a fact family</u>
$3 + 8 = 11$	$6 + 8 = 14$	$6 + 9 = 15$
$4 + 7 = 11$	$7 + 7 = 14$	$9 + 6 = 15$
$5 + 6 = 11$	$6 + 9 = 15$	$15 - 9 = 6$
$3 + 9 = 12$	$7 + 8 = 15$	$15 - 9 = 6$
$4 + 8 = 12$	$7 + 9 = 16$	
$5 + 7 = 12$	$8 + 8 = 16$	<u>Examples of other facts</u>
$6 + 6 = 12$	$8 + 9 = 17$	$4 + 5 = 9$
$4 + 9 = 13$	$9 + 9 = 18$	$13 + 5 = 18$
$5 + 8 = 13$		$19 - 7 = 12$
$6 + 7 = 13$		$10 - 6 = 4$

### 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 this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise? If you would like more ideas, please speak to your child's teacher.

### Practical resources and ideas

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](http://www.conkermaths.com). See how many questions you can answer in just one minute.