

### I know number bonds for all numbers 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**.

2 + 9 = 11	5 + 9 = 14	Example of a fact family	<h3>Key Vocabulary</h3> <p>What do I <b>add</b> to 5 to make 19?</p> <p>What is 17 <b>take away</b> 6?</p> <p>What is 13 <b>less than</b> 15?</p> <p><b>How many more</b> than 8 is 11?</p> <p>What is the <b>difference</b> between 9 and 13?</p>	
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	Examples of other facts		
5 + 7 = 12	8 + 8 = 16	4 + 5 = 9		
6 + 6 = 12	8 + 9 = 17	13 + 5 = 18		
4 + 9 = 13	9 + 9 = 18	19 - 7 = 12		
5 + 8 = 13		10 - 6 = 4		
6 + 7 = 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](http://www.conkermaths.com). See how many questions you can answer in just one minute.