



## KEY INSTANT RECALL FACTS

STAGE: 1

SUMMER: 2

I can represent and use number bonds and related subtraction facts within 20 with one and two-digit numbers.

By the end of this half term, children should be able to work out the following facts and other similar facts.

$4 + 5 = 9$

$5 + 4 = 9$

$9 - 5 = 4$

$9 - 4 = 5$

$5 = 9 - 4$

$4 = 9 - 5$

$3 + 11 = 14$

$11 + 3 = 14$

$14 - 11 = 3$

$14 - 3 = 11$

$11 = 14 - 3$

$3 = 14 - 11$

$4 + 15 = 19$

$15 + 4 = 19$

$19 - 4 = 15$

$19 - 15 = 4$

$15 = 19 - 4$

$4 = 19 - 15$

$9 + 7 = 16$

$7 + 9 = 16$

$16 - 7 = 9$

$16 - 9 = 7$

$7 = 16 - 9$

$9 = 16 - 7$

$6 + 13 = 19$

$13 + 6 = 19$

$19 - 6 = 13$

$19 - 13 = 6$

$13 = 19 - 6$

$6 = 19 - 13$

$8 + 12 = 20$

$12 + 8 = 20$

$20 - 8 = 12$

$20 - 12 = 8$

$12 = 20 - 8$

$8 = 20 - 12$

### Key Vocabulary

What is 3 **add** 13?

What is 2 **plus** 12?

What is 15 **take away** 7?

What is 8 **less than** 14?

They should be able to answer these questions in any order, including missing number questions e.g.  $17 + \bigcirc = 20$  or  $15 - \bigcirc = 8$

### 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 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 what you already know – Use number bonds to 10 (e.g.  $6 + 3 = 9$ ) to work out related number bonds to 20 (e.g.  $16 + 3 = 19$ ).

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. You can find pictures of the Numicon shapes here: [bit.ly/NumiconPictures](http://bit.ly/NumiconPictures) – your child could make a poster showing the different ways of making 20.

Play games – You can play number bond pairs online at [www.conkermaths.com](http://www.conkermaths.com) and then see how many questions you can answer in just one minute.

These websites also help practise number bonds to 20:

<http://www.ictgames.com/funkymum20.html>

<http://www.interactivestuff.org/sums4fun/colquiz.html>