



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.

$4 + 5 = 9$	$3 + 11 = 14$	$4 + 15 = 19$
$5 + 4 = 9$	$11 + 3 = 14$	$15 + 4 = 19$
$9 - 5 = 4$	$14 - 11 = 3$	$19 - 4 = 15$
$9 - 4 = 5$	$14 - 3 = 11$	$19 - 15 = 4$
$5 = 9 - 4$	$11 = 14 - 3$	$15 = 19 - 4$
$4 = 9 - 5$	$3 = 14 - 11$	$4 = 19 - 15$
$9 + 7 = 16$	$6 + 13 = 19$	$8 + 12 = 20$
$7 + 9 = 16$	$13 + 6 = 19$	$12 + 8 = 20$
$16 - 7 = 9$	$19 - 6 = 13$	$20 - 8 = 12$
$16 - 9 = 7$	$19 - 13 = 6$	$20 - 12 = 8$
$7 = 16 - 9$	$13 = 19 - 6$	$12 = 20 - 8$
$9 = 16 - 7$	$6 = 19 - 13$	$8 = 20 - 12$

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 – 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 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>