

Key Instant Recall Facts

Year Two – Autumn 2

I know doubles and halves of numbers to 20.

I know near doubles to 10.

By the end of this half term, children should know the following facts instantly.

Doubles to 20	Halves	Near doubles
$0 + 0 = 0$	half of 20 = 10	$0 + 1 = 1$
$1 + 1 = 2$	half of 18 = 9	$1 + 2 = 3$
$2 + 2 = 4$	half of 16 = 8	$2 + 3 = 5$
$3 + 3 = 6$	half of 14 = 7	$3 + 4 = 7$
$4 + 4 = 8$	half of 12 = 6	$4 + 5 = 9$
$5 + 5 = 10$	half of 10 = 5	$5 + 6 = 11$
$6 + 6 = 12$	half of 8 = 4	$6 + 7 = 13$
$7 + 7 = 14$	half of 6 = 3	$7 + 8 = 15$
$8 + 8 = 16$	half of 4 = 2	$8 + 9 = 17$
$9 + 9 = 18$	half of 2 = 1	$9 + 10 = 19$
$10 + 10 = 20$		$10 + 11 = 21$

They should be able to answer these questions in any order, including missing number questions, e.g. $4 + ? = 8$ $? + 10 = 19$.

Top Tips

The secret to success and putting these in your long term memory is working hard. To help do this, practise little and often. Use little moments of time. Practise these KIRFs while walking to school or during a car journey for example.

You don't need to practise them all at once: perhaps you could start with one particular number bond bridging ten and ensure they know all of them before moving onto another number bond bridging ten.

Work on three facts a day, as it breaks up the memorising.

Pronunciation – Make sure that your child is pronouncing the numbers correctly and not getting confused between thirteen and thirty.

Songs and Chants – You can buy CDs or find songs and chants online. If your child

creates their own song, this can make the facts even more memorable.

Playing games can make learning facts fun to learn:

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>

See how many questions you can answer in 90seconds.

<https://www.topmarks.co.uk/maths-games/daily10>

<https://www.topmarks.co.uk/maths-games/hit-thebutton>

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