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Key Instant Recall Facts

Year 2 - Autumn 1

I know number bonds 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.

0 + 20 = 20 20 + 0 = 20

1 + 19 = 20 19 + 1 = 20

2 + 18 = 20 18 + 2 = 20

3 + 17 = 20 17 + 3 = 20

4 + 16 = 20 16 + 4 = 20

5 + 15 = 20 15 + 5 = 20

6 + 14 = 20 14 + 6 = 20

7 + 13 = 20 13 + 7 = 20

8 + 12 = 20 12 + 8 = 20

9 + 11 = 20 11 + 9 = 20

10 + 10 = 20

20 - 0 = 20 20 - 20 = 0

20 - 1 = 19 20 - 19 = 1

20 - 2 = 18 20 - 18 = 2

20 - 3 = 17 20 - 17 = 3

20 - 4 = 16 20 - 16 = 4

20 - 5 = 15 20 - 15 = 5

20 - 6 = 14 20 - 14 = 6

20 - 7 = 13 20 - 13 = 7

20 - 8 = 12 20 - 12 = 8

20 - 9 = 11 20 - 11 = 9

20 - 10 = 10

Key Vocabulary

What do I add to 5 to make 20? What is 20 take away 6?

What is 3 less than 20?   
How many more than 16 is 20?

They should be able to answer these questions in any order, including missing number questons e͘g͘ 19 + ⃝ = 20 or 20 - ⃝ = 8͘

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 day͘ 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. 7 + 3 = 10) to work out related number bonds to 20 (e.g. 17 + 3 = 20).

Use practical resources - Make collections of 20 objects͘ sk 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](http://www.conkermaths.com/) and then see how   
many questions you can answer in just one minute.

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