

Key Instant Recall facts

Year 1 - Spring 2

To know number bonds to 20.

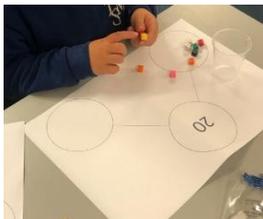
To know odd and even numbers to 20.

By the end of this half term, children should know the following facts.
The aim is for them to recall these facts instantly.

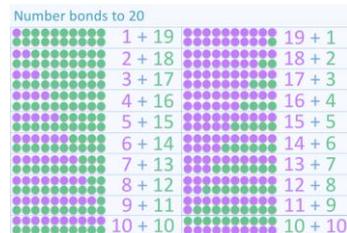
Number Bonds to 20

What can this look like?

Concrete:



Pictorial:



Abstract:

<input type="text"/> + 20 = 20	20 + <input type="text"/> =
1 + <input type="text"/> = 20	19 + <input type="text"/> = 20
2 + <input type="text"/> = 20	18 + <input type="text"/> = 20
<input type="text"/> + 17 = 20	17 + <input type="text"/> =
<input type="text"/> + 16 = 20	<input type="text"/> + 4 = 20
5 + 15 = <input type="text"/>	15 + <input type="text"/> = 20
6 + <input type="text"/> = 20	14 + 6 = <input type="text"/>
<input type="text"/> + 13 = 20	<input type="text"/> + 7 = 20
8 + 12 = <input type="text"/>	12 + <input type="text"/> = 20
9 + <input type="text"/> = 20	11 + 9 = <input type="text"/>
<input type="text"/> + 10 = 20	10 + 10 = <input type="text"/>

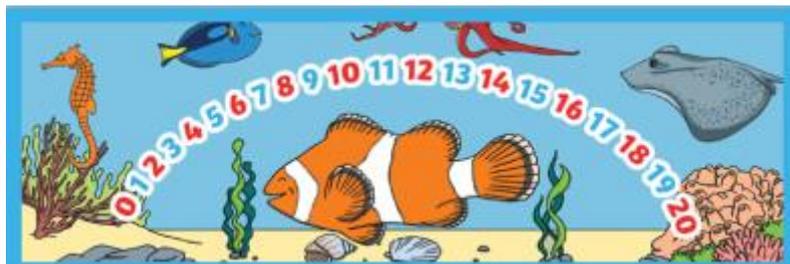
Key Vocabulary

12 add 8 equals 20
18 plus 2 is the same as 20
20 take away 7 equals 13
20 subtract 3 makes 17
20 minus 9 equals 11

Questions to ask at home

- What do we need to add to 13 to make 20?
- If I have 10, how many more do I need to get to 20?
- What is the difference between 20 and 12?

Odd and even numbers to 20.



Questions to ask at home

- What is the next even number after 8?
- Can you count in even numbers from 0 - 20?
- Starting at 1, can you say all the odd numbers to 20?

Key Vocabulary

odd
even

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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?

Chants- Practice chanting the number bonds.

Paper Chains- Use two different colours to make paper chains to show each number bond, for example $14 + 6$ could be shown as 14 green links and 6 blue links.

Say it, make it, write it- For each number bond, say it out loud, make it using everyday objects and then write it as a sum.

Pegs - Put 20 pegs on to a coat hanger, split them in different ways and count how many pegs are on each side. E.g. $14 \text{ pegs} + 6 \text{ pegs} = 20 \text{ pegs}$ ($14+6=20$).

Websites:

White Rose video: Spring 1.2.5 Find and make number bonds. <https://vimeo.com/490882337>

Funky Mummy - Quick recall of addition, subtraction and multiplication facts (ictgames.com)
<https://www.ictgames.com/mobilePage/funkyMummy/index.html>

Smoothie Maths Practise number facts to 10, then 20 (ictgames.com)
<https://www.ictgames.com/mobilePage/smoothie/index.html>