

KIRF- I can recall number bonds within 20

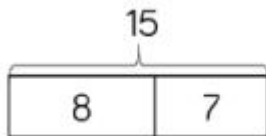


Year 3 - Autumn 1

Concrete:



Pictorial:



Abstract:

The children should know all the number bonds that total 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20

Questions to ask at home

- What do we need to **add** to 7 to make 19?
- If I have 14, how **many more** do I need to get to 19?
- What is the **difference** between 19 and 14?

Key vocabulary

2 **add** 11 equals 13
5 **plus** 12 is the same as 17
16 **take away** 7 equals 9
19 **subtract** 3 makes 16
18 **minus** 9 equals 9

Things to try

- **Chants**- Practice chanting the number bonds.
 - **Everyday Objects**- Gather together objects and separate them in as many different ways as possible, write the calculation to match each one.
 - **Make a poster** – We use lots of concrete, pictorial and abstract methods in school. Your child could make a poster on any number 1-20 showing different methods to make the number bonds.
 - **Quick fire**- play a game of quick fire recall. They can even challenge you.
 - <https://wordwall.net/community?query=Number%20bonds%20to%2020>
<https://www.topmarks.co.uk/maths-games/hit-the-button>
- White Rose 1 minute maths App- addition and subtraction Magic mix to 20

