

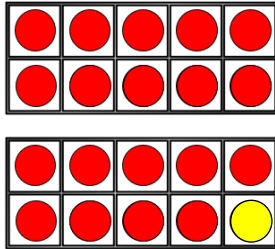
KIRF: Number Bonds To 20



Number bonds show us how numbers join together. They are very important for addition and subtraction. Pupils should be able to recall these independently.

What can this look like?

Concrete:



Pictorial:



Abstract:

19 and 1 make 20

$$19 + 1 = 20$$

$$20 - 1 = 19$$

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?

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

Things to try

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 calculation.

Websites:

<https://ictgames.com/mobilePage/funkyMummy/index.html>

<https://ictgames.com/mobilePage/smoothie/index.html>