

KIRF: I know the number bonds for each number up to 20.

Number bonds show us how numbers join together. They are very important for addition and subtraction. This half term, the children will be learning number bonds for all numbers up to 20; they should be able to recall these independently.

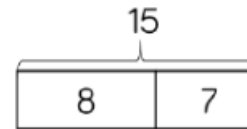
What can this look like

Concrete

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



Pictorial



Abstract

$$8 + 7 = 15$$
A number bond diagram for 15. The number 15 is at the top, with two lines branching down to 8 and 7. A blue oval is drawn around the 8 and 7, and the number 2 is written below the 8.

Questions

What do we need to **add** to 7 to make 20?

If I have 15, how **many more** do I need to get to 18?

What is the **difference** between 19 and 7?

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

Activity Ideas

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.

Websites:

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

https://www.mathplayground.com/number_bonds_20.html

