

KIRF: I know 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 using number bonds for all numbers up to 20.

The children should know the number bonds to all numbers up to 20. e.g. Number bonds to 15: $0 + 15 = 15$

$1 + 14 = 15$, $2 + 13 = 15$, etc.

Number bonds to 16: $0 + 16 = 16$,
 $1 + 15 = 16$, $2 + 14 = 16$, etc.

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.

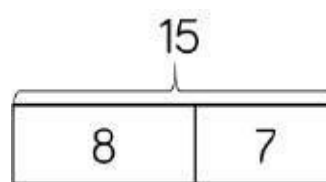
What can this look like?

Examples to 15...

Concrete



Pictorial:



Abstract

Questions to ask at home

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

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.

Websites:

<https://www.topmarks.co.uk/maths-games/hit-the-button> for number bonds to 20.

https://www.mathplayground.com/number_bonds_20.html for number bonds to different numbers.

