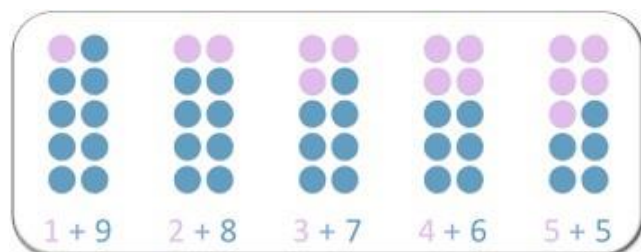


KIRF: I know number bonds to 10

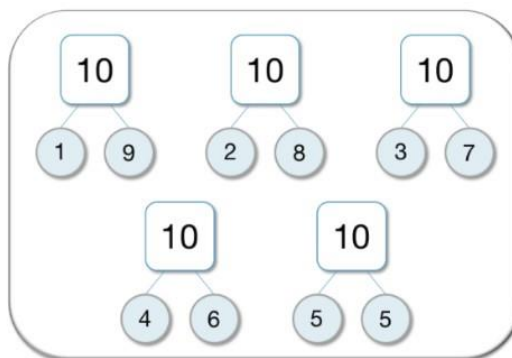
Number bonds show us how numbers join together. They are very important for addition and subtraction. This half term, the children will be learning number bonds that make 10; they should be able to recall these independently.

What can this look like?

Concrete:



Pictorial:



Abstract:

$0 + 10 = 10$	$3 + 7 = 10$
$10 + 0 = 10$	$7 + 3 = 10$
$1 + 9 = 10$	$4 + 6 = 10$
$9 + 1 = 10$	$6 + 4 = 10$
$2 + 8 = 10$	$5 + 5 = 10$
$8 + 2 = 10$	

Questions

What do we need to **add** to 7 to make 10?

If I have 4, how many more do I need to get to 10?

What is the **difference** between 10 and 1?

Key vocabulary

2 **add** 8 **equals** 10

8 **plus** 2 **is the same as** 10

10 **take away** 7 **equals** 3

10 **subtract** 3 **makes** 7

10 **minus** 9 **equals** 1

Activity Ideas

Chants- Practice chanting the number bonds.

Everyday Objects- Gather together 10 objects and separate them in as many different ways as possible, write the calculation to match each one.

Water gun numbers- Write the numbers 1-10 on large pieces of paper, shout out a number 1-10 and then ask your child to shoot the right number to make 10.

Pegs - Put 10 pegs on to a coat hanger, split them in different ways and count how many pegs are on each side. For example 4 pegs + 6 pegs equals 10 pegs ($4 + 6 = 10$).

Websites: White Rose video: [Aut1.6.4 - Number bonds to 10 on Vimeo](https://www.white-rose.org.uk/primary/number-bonds-to-10/)

<https://www.topmarks.co.uk/learning-to-count/teddy-numbers>

<http://www.ictgames.com/saveTheWhale/>

<https://mathszone.co.uk/number-facts/number-bonds-to-10/10-pipe-ict-games/>