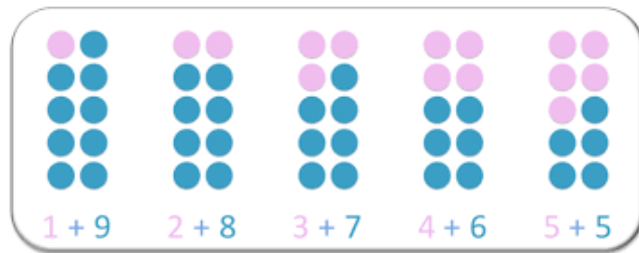


KIRF: I know number bonds to 10

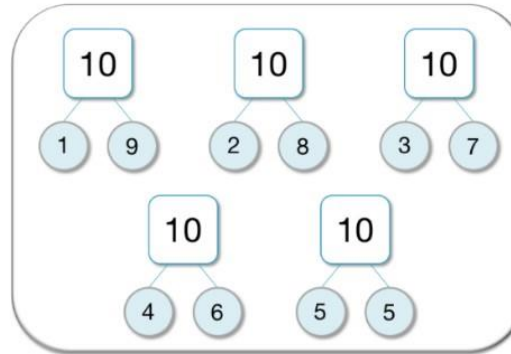
Number bonds show us how numbers join together. They are very important for addition and subtraction.

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/learning-to-count/teddy-numbers)

<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/>