

# KIRF: Number bonds to 100



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

The children should know number bonds to 100. Some of these may include:

$$70 + 30 = 100 \quad 45 + 55 = 100$$

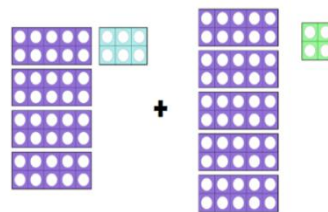
$$90 + 10 = 100 \quad 87 + 13 = 100$$

$$25 + 75 = 100 \quad 60 + 40 = 100$$

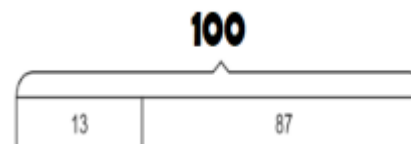
$$61 + 39 = 100 \quad 15 + 85 = 100$$

## What can this look like?

Concrete:



Pictorial



Abstract:

$$49 + \bigcirc = 100$$

$$100 - \bigcirc = 72$$

## Questions to ask at home

What do we need to add to 60 to make 100?

If I have 27, how many more do I need to get to 100?

What is the difference between 100 and 64?

## Key vocabulary

25 **add** 75 **equals** 100

55 **plus** 45 **is the same as** 100

100 **take away** 6 **equals** 94

100 **subtract** 37 **makes** 63

The **difference** between 91 and 100 is 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.

**Use your number bonds to 10:** Think about your number bonds to 10 and how they might help you. E.g.  $4 + 6 = 10$  therefore  $40 + 60 = 100$

**Websites:**

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