



Key Instant Recall Facts

Year 4 – Autumn 1

I know number bonds of 100.

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 of 100; they should be able to recall these independently.

The children should know number bonds to 100.

Some of these may include: _

$$\begin{array}{l} 60 + 40 = 100 \\ 40 + 60 = 100 \\ 100 - 40 = 60 \\ 100 - 60 = 40 \end{array}$$

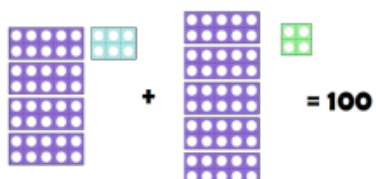
$$\begin{array}{l} 75 + 25 = 100 \\ 25 + 75 = 100 \\ 100 - 25 = 75 \\ 100 - 75 = 25 \end{array}$$

$$\begin{array}{l} 37 + 63 = 100 \\ 63 + 37 = 100 \\ 100 - 63 = 37 \\ 100 - 37 = 63 \end{array}$$

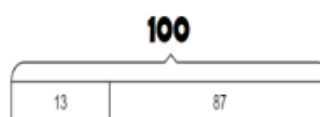
$$\begin{array}{l} 48 + 52 = 100 \\ 52 + 48 = 100 \\ 100 - 52 = 48 \\ 100 - 48 = 52 \end{array}$$

What can this look like?

Concrete:



Pictorial:



Abstract

$$49 + \bigcirc = 100$$

$$100 - \bigcirc = 72$$

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 showing different methods to make the number bonds to 100.

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 $40+60=100$

Questions to ask at home:

What do we need to **add** to 70 to make 100?

If I have 36, how many **more** do I need to get to 100?

What is the **difference** between 100 and 74?

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.

Websites:

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

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.