



Key Instant Recall Facts

YEAR 4 – Autumn 1

I know number bonds to 100

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

Some examples:

$$\begin{array}{ll} 60 + 40 = 100 & 37 + 63 = 100 \\ 40 + 60 = 100 & 63 + 37 = 100 \\ 100 - 40 = 60 & 100 - 37 = 63 \\ 100 - 60 = 40 & 100 - 63 = 37 \\ \\ 75 + 25 = 100 & 48 + 52 = 100 \\ 25 + 75 = 100 & 52 + 48 = 100 \\ 100 - 25 = 75 & 100 - 52 = 48 \\ 100 - 75 = 25 & 100 - 48 = 52 \end{array}$$

Key Vocabulary

What do I **add** to 65 to make 100?

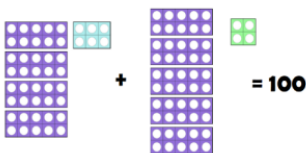
What is 100 **take away** 6?

What is 13 **less than** 100?

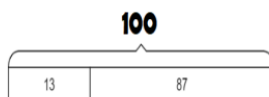
How many more than 98 is 100?

What can this look like?

Concrete:



Pictorial:



Abstract:

$$49 + \bigcirc = 100$$

$$100 - \bigcirc = 72$$

Useful Websites:

<https://www.topmarks.co.uk/maths-games/hit-the-button> - Number bonds to 100

<https://wordwall.net/en-gb/community/number-bonds-to-100> - Various number bonds to 100 games

<https://www.studyzone.tv/game275-code13fe7c386fa4ad7bb0ecd05c8cec747>

<http://www.snappymaths.com/addition/make100/make100.htm>

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 $40+60=100$.