



Key Instant Recall Facts

Year 1 – Spring 2

Key Vocabulary

What is **double** 9?

What is **half** of 6?

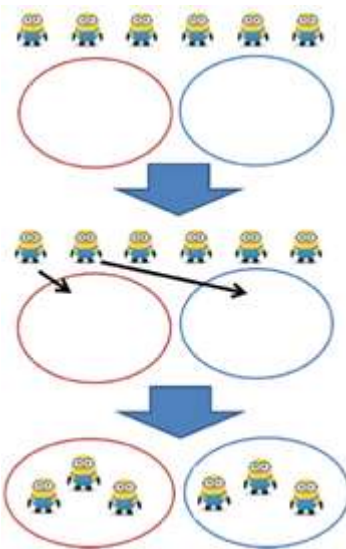
What is the **whole**?

What are the **parts**?

The parts are **equal**.

I aspire to know doubles of all numbers to 10 and halves of even numbers to 10.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly. They should also be aware that the number sentence can be recorded with the equals sign in different places. E.g. $2 + 2 = 4$ and $4 = 2 + 2$.



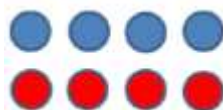
$$\begin{array}{l} 0 + 0 = 0 \\ 1 + 1 = 1 \\ 2 + 2 = 4 \\ 3 + 3 = 6 \\ 4 + 4 = 8 \\ 5 + 5 = 10 \end{array}$$

$$\begin{array}{l} 6 + 6 = 12 \\ 7 + 7 = 14 \\ 8 + 8 = 16 \\ 9 + 9 = 18 \\ 10 + 10 = 20 \end{array}$$

$$\begin{array}{l} \frac{1}{2} \text{ of } 0 = 0 \\ \frac{1}{2} \text{ of } 2 = 1 \\ \frac{1}{2} \text{ of } 4 = 2 \\ \frac{1}{2} \text{ of } 6 = 3 \\ \frac{1}{2} \text{ of } 8 = 4 \\ \frac{1}{2} \text{ of } 10 = 5 \end{array}$$

Key imagery:

Prove using an array: E.g. $4 + 4 = 8$



"The parts are 4 and 4 and the whole is 8."

"Double 4 is 8." "Half of 8 is 4."

Share out practical objects into two groups as shown to the left in order to find half. The first object goes into the first group, the second object into the second group, the third object into the first group and so on until they are all shared out. You are reinforcing that to half a group of objects, both groups must have equal

You could try some of these ideas...

- Share out practical objects into two groups in order to find half. Remember to use the term 'equal' to describe the two groups.
- **Ping Pong** – In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.
- – Go to <http://www.conkermaths.org/cmweb.nsf/pages/numberkirfs.html> (Doubles tab) and see how many questions you can answer in just 90 seconds.