



Key Instant Recall Facts

Year 1 - Spring 2

I know halves and doubles to 10.

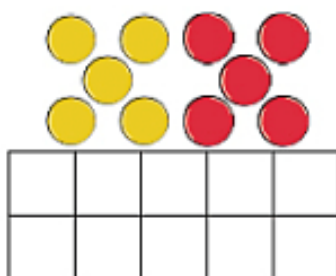
By the end of this half term, children should be able instantly recall double and half facts to 10. Children can challenge themselves by using near doubles to solve problems.

What can this look like?

Concrete



Pictorial



Abstract

$$\text{Double } 5 = 10$$

$$5 + 5 = 10$$

$$2 \times 5 = 10$$

$$\text{Half of } 10 = 5$$

$$10 \div 2 = 5$$

Questions

What is double 8?

What is half of 10?

You have 14 sweets.
You share them with
your friend. How
many sweets will you
each have?

You have 10p. Your
friend said they have
double the amount.
How much do they
have?

Doubles

Double 1 is 2

Double 2 is 4

$$3 + 3 = 6$$

Double 4 is 8

Double 5 is 10

$$6 + 6 = 12$$

Double 7 is 14

Double 8 = 16

$$2 \times 9 = 18$$

Double 10 is 20

Halves

Half of 20 is 10

Half of 18 is 9

Half of 16 is 8

Half of 14 is 7

$$\frac{1}{2} \text{ of } 12 = 6$$

$$10 \div 2 = 5$$

Half of 8 is 4

Half of 6 is 3

$$\frac{1}{2} \text{ of } 4 = 2$$

Half of 2 is 1

Near Doubles

If $3 + 3 = 6$, then
 $3 + 4 = 7$ because it is
1 more

If $5 + 5 = 10$, then
 $5 + 6 = 11$ because it is
1 more

Things to Try

The secret to success is practising little and often. You could 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.

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 the harder version, the adult can say 'Pong' and the child replies 'Ping' then halves the number.

White Rose 1-Minute Maths app

Addition—11) Doubles 12) Near Doubles

Division—1) Halves

Key Vocabulary

Half: one of two
equal amounts

Double: multiplied
by 2