



# Key Instant Recall Facts

## Year 3 – Autumn 2

### Key Vocabulary

What is **double** 70?  
What is **double** 300?

What is the **whole**?  
What are the **parts**?  
The parts are **equal**.

I aspire to know doubles of all multiples of 10 to 100 and know doubles of all multiples of 100 to 1000.

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

### Related Facts:

Double 10 = 20  
so Double 100 = 200

Double 90 = 180  
so Double 900 = 1800

### Doubling multiples of 10...

$10 + 10 = 20$   
 $20 + 20 = 40$   
 $30 + 30 = 60$   
 $40 + 40 = 80$

### Doubling multiples of 100...

$100 + 100 = 200$   
 $200 + 200 = 400$   
 $300 + 300 = 600$   
 $400 + 400 = 800$

### 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 don't need to practise them all at once: perhaps you could have a fact family of the day.

### You could try some of these ideas...

#### Play number ping pong!

Start of saying 'ping', child replies with 'pong'. Repeat and then convert to numbers i.e. say '40' and they reply '80' (doubles to 100)

#### Playing cards

Pick 2 cards, the first one to represent the hundreds, the second one to represent the tens, so that your number is always a multiple of 10. How quickly can you double this number?

#### Playing darts

Use a magnetic dartboard. Create a game involving doubling.

#### Challenge

Choose any 2- digit number, double it as far as you can go!