Key Instant Recall Facts

Year 3 – Summer 2

What is **half of 70**?
What is **half** of 300?

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

Related Facts:

Half of 30 = 15
so Half of 300 = 150

Half of 80 = 40
so Half of 800 = 400

I aspire to know halves of all multiples of 10 to 100 and know halves 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**.

Halving multiples of 10…
½ of 10 = 5
½ of 20 = 10
½ of 30 = 15
½ of 40 = 20

Halving multiples of 100…
½ of 100 = 50
½ of 200 = 100
½ of 300 = 150
½ of 400 = 200

Practise halving as often as doubling. This will help children with subtraction at a later date.

| 5 | 0 | 0 | 1/2 of 500 = 250 |
| 4 | 0 | | 1/2 of 40 = 20 |

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, '50' and they say '25' (halves of multiples of 10 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 halve this number?

Playing darts
Use a magnetic dartboard. Create a game involving halving.

Challenge
Choose any even 2- digit number, halve it: if the answer is even, halve again, if it's odd add 1 then halve again. How far can you go? Then try this for 3-digit numbers.