



### I can add 10 to a number.

By the end of this half term, children should know that when you add ten to a number, only the tens digit changes. The aim is for them to answer these kind of questions **instantly**.

Children should be able to see that only the tens digit changes when adding ten to a number.

$$2 + 10 = 12$$

$$5 + 10 = 15$$

$$10 + 10 = 20$$

$$16 + 10 = 26$$

$$23 + 10 = 33$$

$$31 + 10 = 41$$

$$37 + 10 = 47$$

$$45 + 10 = 55$$

$$57 + 10 = 67$$

They should be able to answer these questions including missing number questions, e.g.  $2 + \bigcirc = 12$  or  $\bigcirc + 10 = 53$ .

### 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 of the day.

Make a counting in tens or fives poster – Can they count forwards and backwards in these patterns?

<https://www.topmarks.co.uk/maths-games/daily10> - Level 2 Addition – Up to 100- Ten more

<https://www.youtube.com/watch?v=9NRdxc0XjOg> – 10 more and 10 less



### I know doubles and halves of numbers to 10.

### I know near doubles to 5.

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

| <u>Doubles</u> | <u>Halves</u>           | <u>Near doubles</u>                                      |
|----------------|-------------------------|--|
| Double 1 is 2  | Half of 20 is 10        | If $1 + 1 = 2$ , then $1 + 2 = 3$ because it's 1 more.   |
| Double 2 is 4  | Half of 18 is 9         | If $2 + 2 = 4$ , then $2 + 3 = 5$ because it's 1 more.   |
| $3 + 3 = 6$    | Half of 16 is 8         | If $3 + 3 = 6$ , then $3 + 4 = 7$ because it's 1 more.   |
| Double 4 is 8  | Half of 14 = 7          | If $4 + 4 = 8$ , then $4 + 5 = 9$ because it's 1 more.   |
| $5 + 5 = 10$   | Half of 12 = 6          | If $5 + 5 = 10$ , then $5 + 6 = 11$ because it's 1 more. |
| $6 + 6 = 12$   | $\frac{1}{2}$ of 10 = 5 |  |
| Double 7 is 14 | $\frac{1}{2}$ of 8 is 4 |  |
| Double 8 is 16 | Half of 6 is 3          |  |
| Double 9 is 18 | Half of 4 = 2           |  |
| $10 + 10 = 20$ | Half of 2 is 1          |  |

They should be able to answer these questions in any order, including missing number questions, e.g. double  $\bigcirc = 10$  or half of  $\bigcirc = 3$ .

### Top Tips

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Songs and Chants – The children should know a chant for doubles to ten or there are chants

online. <https://www.youtube.com/watch?v=At0quRa90rs> – doubles song

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> See how many questions you can answer in 90 seconds. (Doubles and Halves to 10)

<https://www.topmarks.co.uk/maths-games/daily10> Level 2 - Doubles and

Halves <https://www.topmarks.co.uk/maths-games/hit-the-button> -

Doubles/Halves <https://www.bbc.com/bitesize/clips/z7svcdm> - near doubles