



Key Instant Recall Facts

Year 3 – Autumn Term 1

By the end of this half term, children should know the following facts. The aim is for them to recall these facts with speed and accuracy:

I know the number bonds to 100

Children should be able to instantly recall the number bonds to 100.

Key vocabulary:

What do I add to 47 to give a total of 100?

What pairs with 82 to make 100?

What do I subtract from 100 to make 66?

See examples below :

$$1 + 99 = 100$$

$$2 + 98 = 100$$

$$3 + 97 = 100$$

$$100 - 96 = 4$$

$$5 + 95 = 100$$

$$100 - 6 = 94$$

Children should be able to recall number bonds using addition and subtraction:

E.g:

$$13 + 87 = 100$$

$$87 + 13 = 100$$

$$100 - 13 = 87$$

$$100 - 87 = 13$$

Top tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise? If you would like more ideas, please speak to your child's teacher.

Practical resources and ideas

- Write missing number calculations for your child, e.g. $17 + \underline{\quad} = 100$ or $\underline{\quad} + 68 = 100$.
- Ask children to see how many number bonds to 100 they can write in one minute, or five minutes.
- **Note:** Children need to be able to quickly recall number bonds of multiples of ten to 100 (e.g. $20 + 80 = 100$) as well as all further number bonds to 100 between each multiple of 10 (e.g. $21 + 79 = 100$, $22 + 78 = 100$)