



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.

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.

Eg.

$$13 + 87 = 100$$

$$87 + 13 = 100$$

$$100 - 13 = 87$$

$$100 - 87 = 13$$

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?

Top Tips

The secret to success is to practice little and often. Can you practice the KIRF on the way to or from school? You do not need to practice all aspects of the KIRF at once. Perhaps you could have a fact of the day or a few facts to practice each week. If you would like more ideas, please speak to your child's class teacher.

Practical Resources and Ideas

- Write missing number calculations for your child.
E.g. $17 + _ = 100$, $_ + 38 = 100$
- Ask children to see how many number bonds to 100 they can write in 1 minute or 5 minutes.

Children need to be able to quickly recall number bonds of multiples of 10 to 100 ($20 + 80 = 100$) as well as all further number bonds to 100 between each multiple of 10 (eg $23 + 77 = 100$, $22 + 78 = 100$).