



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.

$$1 + 99 = 100$$

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

$$2 + 98 = 100$$

$$3 + 97 = 100$$

$$100 - 96 = 4$$

$$\text{E.g. } 13 + 87 = 100$$

$$5 + 95 = 100$$

$$87 + 13 = 100$$

$$100 - 6 = 94$$

$$100 - 13 = 87$$

$$100 - 87 = 13$$

Key Questioning

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 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. $17 + __ = 100$ or $__ + 68 = 100$.
- 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. $21 + 79 = 100$, $22 + 78 = 100$)



Key Instant Recall Facts

Year 3 – Autumn Term 2

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 can count in multiples of 50 and 100

Children should be able to count accurately and with speed in multiples of 50 and 100.

Counting in multiples of 50:

50, 100, 150, 200, 250,
300, 350, 400, etc.

Counting in multiples of 100:

100, 200, 300, 400, 500,
600, 700, 800, etc

Key Questioning

What is the third multiple of 50?

How many groups of

50 equal 200?

How many 100s makes 1,000?

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

• **Use what you already know** – If your child knows how to count in multiples of 100, they can use this knowledge to count in multiples of 50 as half of 100 equals 50. E.g. $2 \times 100 = 200$ so $4 \times 50 = 200$

• Chant multiples of 50 or 100 together