



# Key Instant Recall Facts (KIRFs)

Year 4 Autumn Term 1

**I know the complement of any number to 100.**

This term's KIRF is to be able to identify two numbers that add together to make 100.

Start with  
multiple of 10...

$$0 + 100 = 100$$

$$10 + 90 = 100$$

$$20 + 80 = 100$$

$$30 + 70 = 100$$

$$40 + 60 = 100$$

$$50 + 50 = 100$$

Then multiples of  
5...

$$5 + 95 = 100$$

$$15 + 85 = 100$$

$$25 + 75 = 100$$

$$35 + 65 = 100$$

$$45 + 55 = 100$$

$$55 + 45 = 100 \text{ etc.}$$

Finally any number to  
100...

$$32 + 68 = 100$$

$$74 + 26 = 100$$

$$3 + 97 = 100$$

$$49 + 51 = 100$$

$$100 - 62 = 38$$

$$100 - 12 = 88 \text{ etc.}$$

## Top Tips

- The secret to success is practising little and often.
- Use time wisely. Practise on the way to school or during a journey.
- You don't need to practise them all at once. Perhaps you could have a fact of the day.

## Questions to Ask

- What do I add to 60 to make 100?
  - What is 100 take away 15?
  - What is 14 less than 100
- How many more than 52 is 100?

## Game Idea

Choose 2 playing cards, or roll 2 dice to make a 2-digit number.  
How many more do I need to make 100?