



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...

$$\begin{aligned}0 + 100 &= 100 \\10 + 90 &= 100 \\20 + 80 &= 100 \\30 + 70 &= 100 \\40 + 60 &= 100 \\50 + 50 &= 100\end{aligned}$$

Then multiples of
5...

$$\begin{aligned}5 + 95 &= 100 \\15 + 85 &= 100 \\25 + 75 &= 100 \\35 + 65 &= 100 \\45 + 55 &= 100 \\55 + 45 &= 100 \text{ etc.}\end{aligned}$$

Finally any number to
100...

$$\begin{aligned}32 + 68 &= 100 \\74 + 26 &= 100 \\3 + 97 &= 100 \\49 + 51 &= 100 \\100 - 62 &= 38 \\100 - 12 &= 88 \text{ etc.}\end{aligned}$$

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?