



*Be the best you can be, every day.*

## Year 4 - Autumn 1

### I know number bonds to 100

By the end of this half term the children should know the following facts. The aim is to recall them instantly

$$\begin{aligned}60 + 40 &= 100 \\40 + 60 &= 100 \\100 - 40 &= 60 \\100 - 60 &= 40\end{aligned}$$

$$\begin{aligned}50 + 50 &= 100 \\100 - 50 &= 50\end{aligned}$$

$$\begin{aligned}35 + 65 &= 100 \\65 + 35 &= 100 \\100 - 35 &= 65 \\100 - 65 &= 35\end{aligned}$$

$$\begin{aligned}48 + 52 &= 100 \\52 + 48 &= 100 \\100 - 52 &= 48 \\100 - 48 &= 52\end{aligned}$$

$$\begin{aligned}10 + 90 &= 100 \\90 + 10 &= 100 \\100 - 10 &= 90 \\100 - 90 &= 10\end{aligned}$$

$$\begin{aligned}75 + 25 &= 100 \\25 + 75 &= 100 \\100 - 25 &= 75 \\100 - 75 &= 25\end{aligned}$$

$$\begin{aligned}45 + 55 &= 100 \\55 + 45 &= 100 \\100 - 45 &= 55 \\100 - 55 &= 45\end{aligned}$$

$$\begin{aligned}31 + 69 &= 100 \\69 + 31 &= 100 \\100 - 69 &= 31 \\100 - 31 &= 69\end{aligned}$$

$$\begin{aligned}20 + 80 &= 100 \\80 + 20 &= 100 \\100 - 20 &= 80 \\100 - 80 &= 20\end{aligned}$$

$$\begin{aligned}15 + 85 &= 100 \\85 + 15 &= 100 \\100 - 15 &= 85 \\100 - 85 &= 15\end{aligned}$$

$$\begin{aligned}37 + 63 &= 100 \\63 + 37 &= 100 \\100 - 37 &= 63 \\100 - 63 &= 37\end{aligned}$$

$$\begin{aligned}74 + 26 &= 100 \\26 + 74 &= 100 \\100 - 26 &= 74 \\100 - 74 &= 26\end{aligned}$$

$$\begin{aligned}30 + 70 &= 100 \\70 + 30 &= 100 \\100 - 70 &= 30 \\100 - 30 &= 70\end{aligned}$$

$$\begin{aligned}5 + 95 &= 100 \\95 + 5 &= 100 \\100 - 5 &= 95 \\100 - 95 &= 5\end{aligned}$$

#### Key Vocabulary

- What do I add to 65 to make 100?
- What is 100 take away 56?
- What is 13 less than 100?
- How many more than 84 is 100?
- What is the difference between 72 and 100?

They should be able to answer these questions including missing number questions:

$49 + \bigcirc = 100$

$100 - \bigcirc = 23$

$100 - \bigcirc = 4$

#### Top Tips

The secret to success is practising **little** and **often**. Use time wisely.

- Practise **Key Facts** while walking to school or during a car journey.
- Have a fact of the day.
- **Buy one get three free** - If your child knows one fact (e.g.  $8 + 5 = 13$ ), can they tell you the other three facts in the same fact family?
- **Use number bonds to 10** - How can number bonds to 10 help you work out number bonds to 100?
- **Play games** - There are missing number questions at [www.conkermaths.com](http://www.conkermaths.com). See how many questions you can answer in just 90 seconds. There is also a number bond pair game to play.