



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. See how many questions you can answer in just 90 seconds. There is also a number bond pair game to play.