

Addition by splitting

You can **split numbers up** to make addition easier – splitting the large numbers into **hundreds, tens and units**.

Have a look at the calculation **148 + 66**.

148 splits into 100, 40, and 8.

66 splits into 60 and 6.

This method splits the numbers **across the page**:

$$\begin{array}{r}
 148 + 66 = 100 + 40 + 8 \\
 + \qquad \qquad 60 + 6 \\
 \hline
 100 + 100 + 14 = 214
 \end{array}$$

This method splits the numbers **down the page**:

$$\begin{array}{r}
 148 + 66 = \qquad \qquad \qquad 148 \\
 \qquad \qquad \qquad \qquad \qquad \qquad + \underline{66} \\
 \text{Add from} \qquad 100 \xrightarrow{\hspace{2cm}} 100 \\
 \text{left to right} \quad 40 + 60 \xrightarrow{\hspace{1cm}} 100 \\
 \qquad \qquad \qquad 8 + 6 \xrightarrow{\hspace{1cm}} 14 + \\
 \qquad \qquad \qquad \qquad \qquad \qquad \underline{214}
 \end{array}$$

If you like either of these methods, try them out with some different numbers.

Remember: with either method, keep the hundreds, tens and units lined up.