

Today we are going to move onto using a formal written method. Have a look at the picture below:

Formal written method

$$6 \times 23 =$$

$$\begin{array}{r} 23 \\ \times 6 \\ \hline 138 \\ \hline 11 \end{array}$$

This diagram shows the calculation $23 \times 6 =$

First, I worked out that $3 \times 6 = 18$. I put the 8 between the lines in the ones column and then the 1 underneath the line in the tens column.

Next, I worked out that $20 \times 6 = 120$. I then added the ten from underneath the line to make 130. I put the 3 between the lines in the tens column and the 1 underneath the line in the hundreds column. Finally, I haven't got any hundreds to multiply, so I moved the 1 from underneath the line to between the lines in the hundreds column.