Multiplication

533	979	941	471	205
× 8	× 8	× 5	× 2	× 2

394	977	256	989	284
× 71	× 45	× 32	× 55	× 81

1259	4406	2546	3457
× 12	× 96	× 27	× 64

1. There are 15 biscuits in a packet. A shop orders 156 packets. How many biscuits will be in the 156 packets?

2. A school buys 172 boxes of pencils. Each box has 12 pencils. How many pencils has the school bought?

3. A wholesaler sells apples for 17p each. A grocer buys 197 apples. How much will they cost?

4. It takes 18 minutes to make a toy car. How many minutes will it take to make 205 cars?

Challenge

These questions are not compulsory, but if you would like to challenge yourself, give them a go.

Formal Multiplication

Here is a formal multiplication calculation.

Are the answers and method correct? Explain any errors.

$$
\begin{array}{r}
\overset{4\ 3\ 1}{\underset{4\ 3\ 1}{4862}} \\
\times\ \ \ \ 57 \\
\hline
33964 \\
203000 \\
\hline
236964 \\
\hline
\end{array}
$$

Write some of your own calculations with mistakes for a partner.

Formal Multiplication

Here is a formal multiplication calculation.

Are the answers and method correct? Explain any errors.

$$
\begin{array}{r}
\overset{\overset{1}{3\ 5\ 2}}{2473} \\
\times\ \ \ \ 28 \\
\hline
19764 \\
4946 \\
\hline
14710 \\
\hline
{\scriptstyle 1\ 1\ 1}
\end{array}
$$

Write some of your own calculations with mistakes for a partner.

Formal Multiplication

Complete these calculations.

$$
\begin{array}{r}
4\square7\square \\
\times\ \ \ 16 \\
\hline
2\square6\square6 \\
4\square710 \\
\hline
\square\square\square\square\square \\
\hline
\end{array}
\qquad
\begin{array}{r}
\square08\square \\
\times\ \ \ 27 \\
\hline
35\square88 \\
1\square16\square0 \\
\hline
\square\square\square\square\square \\
\hline
\end{array}
\qquad
\begin{array}{r}
\square3\square9 \\
\times\ \ \ 4\square \\
\hline
6\square583 \\
\square7\square760 \\
\hline
\square\square\square\square\square\square \\
\hline
\end{array}
$$

Write some of your own calculations with mistakes for a partner.