

## Long multiplication - answers

1.

$$\begin{array}{r}
 355 \\
 \times 25 \\
 \hline
 1775 \\
 22 \phantom{00} \\
 \hline
 7100 \\
 11 \phantom{00} \\
 \hline
 8875
 \end{array}$$

**Step 1:** multiply 355 by the unit digit 5.

**Step 2:** multiply 355 by the tens digit  
(remember to add a zero first when multiplying the tens).

**Step 3:** add down the columns to get the total.

2.

$$\begin{array}{r}
 462 \\
 \times 33 \\
 \hline
 1386 \\
 1 \phantom{00} \\
 \hline
 13860 \\
 1 \phantom{00} \\
 \hline
 15246 \\
 11 \phantom{00} \\
 \hline
 \phantom{1}11
 \end{array}$$

3.

$$\begin{array}{r}
 133 \\
 \times 39 \\
 \hline
 1197 \\
 22 \phantom{00} \\
 \hline
 3990 \\
 \phantom{1}11 \phantom{00} \\
 \hline
 5187 \\
 11 \phantom{00} \\
 \hline
 \phantom{1}11
 \end{array}$$

4.

$$\begin{array}{r}
 242 \\
 \times 27 \\
 \hline
 1694 \\
 21 \phantom{00} \\
 \hline
 4840 \\
 \phantom{1}11 \phantom{00} \\
 \hline
 6534 \\
 11 \phantom{00} \\
 \hline
 \phantom{1}11
 \end{array}$$

5.

$$\begin{array}{r}
 589 \\
 \times 62 \\
 \hline
 1178 \\
 111 \phantom{00} \\
 \hline
 35340 \\
 55 \phantom{00} \\
 \hline
 36518 \\
 1 \phantom{00} \\
 \hline
 \phantom{1}1
 \end{array}$$