Long multiplication: 3-digit by 2-digit

Year 5. Two rows of working, then add. Estimate first: 368 × 35 is about 400 × 35 = 14,000.

Name: _____ Date: _____

1.

$$\begin{array}{r} 378 \\ \times\ 54 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 275 \\ \times\ 20 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 629 \\ \times\ 43 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 484 \\ \times\ 30 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 666 \\ \times\ 37 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 721 \\ \times\ 78 \\ \hline \end{array}$$

Answer key: long multiplication: 3-digit by 2-digit

Full working: both rows and the total.

1.

$$\begin{array}{r} 378 \\ \times\ 54 \\ \hline 1512 \\ +18900 \\ \hline 20412 \end{array}$$

2.

$$\begin{array}{r} 275 \\ \times\ 20 \\ \hline 0 \\ +5500 \\ \hline 5500 \end{array}$$

3.

$$\begin{array}{r} 629 \\ \times\ 43 \\ \hline 1887 \\ +25160 \\ \hline 27047 \end{array}$$

4.

$$\begin{array}{r} 484 \\ \times\ 30 \\ \hline 0 \\ +14520 \\ \hline 14520 \end{array}$$

5.

$$\begin{array}{r} 666 \\ \times\ 37 \\ \hline 4662 \\ +19980 \\ \hline 24642 \end{array}$$

6.

$$\begin{array}{r} 721 \\ \times\ 78 \\ \hline 5768 \\ +50470 \\ \hline 56238 \end{array}$$