Long multiplication: 4-digit by 2-digit

Year 6. Multiply numbers up to 4 digits by a two-digit number using long multiplication.

Name: _____ Date: _____

1. 1639 × 28 = ____

2. 1516 × 59 = ____

3. 1179 × 30 = ____

4. 9317 × 36 = ____

5. 3804 × 41 = ____

6. 1252 × 55 = ____

Answer key: long multiplication: 4-digit by 2-digit

Full working: both rows and the total.

1.

$$\begin{array}{r} 1639 \\ \times\ 28 \\ \hline 13112 \\ +32780 \\ \hline 45892 \end{array}$$

2.

$$\begin{array}{r} 1516 \\ \times\ 59 \\ \hline 13644 \\ +75800 \\ \hline 89444 \end{array}$$

3.

$$\begin{array}{r} 1179 \\ \times\ 30 \\ \hline 0 \\ +35370 \\ \hline 35370 \end{array}$$

4.

$$\begin{array}{r} 9317 \\ \times\ 36 \\ \hline 55902 \\ +279510 \\ \hline 335412 \end{array}$$

5.

$$\begin{array}{r} 3804 \\ \times\ 41 \\ \hline 3804 \\ +152160 \\ \hline 155964 \end{array}$$

6.

$$\begin{array}{r} 1252 \\ \times\ 55 \\ \hline 6260 \\ +62600 \\ \hline 68860 \end{array}$$