

Name: _____

Grade: _____

Score: _____

Worksheet #1

**4D x 2D Multiplication**

Learning goal: Students will multiply a 4-digit number by a 2-digit number using the traditional method, ensuring proper alignment and summing partial products.

1234

X 56

7 4 0 4
+ 6 1 7 0 0
6 9 1 0 4

2345

X 78

3456

X 89

4567

X 34

5678

X 45

6789

X 23

Name: _____

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Worksheet #1(Answers)

**4D x 2D Multiplication**

Learning goal: Students will multiply a 4-digit number by a 2-digit number using the traditional method, ensuring proper alignment and summing partial products.

$$\begin{array}{r} 1234 \\ \times 56 \\ \hline 7404 \\ + 61700 \\ \hline 69104 \end{array}$$

$$\begin{array}{r} 2345 \\ \times 78 \\ \hline 18760 \\ + 164150 \\ \hline 182910 \end{array}$$

$$\begin{array}{r} 3456 \\ \times 89 \\ \hline 31104 \\ + 276480 \\ \hline 307584 \end{array}$$

$$\begin{array}{r} 4567 \\ \times 34 \\ \hline 18268 \\ + 137010 \\ \hline 155278 \end{array}$$

$$\begin{array}{r} 5678 \\ \times 45 \\ \hline 255510 \\ + 227120 \\ \hline 252630 \end{array}$$

$$\begin{array}{r} 6789 \\ \times 23 \\ \hline 20367 \\ + 135780 \\ \hline 156147 \end{array}$$