

Name: _____

Grade: _____

Score: _____

Worksheet #3



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.

4567

X 89

41103

+ 365360

406463

5678

X 34

6789

X 45

7890

X 23

8901

X 67

9012

X 12

Name: _____

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Worksheet #3(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.

$$\begin{array}{r} 4567 \\ \times 89 \\ \hline 41103 \\ + 365360 \\ \hline 406463 \end{array}$$

$$\begin{array}{r} 5678 \\ \times 34 \\ \hline 22712 \\ + 170340 \\ \hline 193052 \end{array}$$

$$\begin{array}{r} 6789 \\ \times 45 \\ \hline 305505 \\ + 271560 \\ \hline 302105 \end{array}$$

$$\begin{array}{r} 7890 \\ \times 23 \\ \hline 23670 \\ + 157800 \\ \hline 181470 \end{array}$$

$$\begin{array}{r} 8901 \\ \times 67 \\ \hline 62307 \\ + 534060 \\ \hline 596367 \end{array}$$

$$\begin{array}{r} 9012 \\ \times 12 \\ \hline 108144 \\ + 90120 \\ \hline 198264 \end{array}$$