

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Score: \_\_\_\_\_

Worksheet #5



## 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.

$$\begin{array}{r} 7890 \\ \times 89 \\ \hline 71010 \\ + 6312080 \\ \hline 702210 \end{array}$$

$$\begin{array}{r} 8901 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 9012 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 1234 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 2345 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 3456 \\ \times 12 \\ \hline \end{array}$$

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## Worksheet #5(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.

$$\begin{array}{r} 7890 \\ \times 89 \\ \hline 71010 \\ + 6312080 \\ \hline 702210 \end{array}$$

$$\begin{array}{r} 8901 \\ \times 45 \\ \hline 400545 \\ + 356040 \\ \hline 756585 \end{array}$$

$$\begin{array}{r} 9012 \\ \times 56 \\ \hline 54072 \\ + 450600 \\ \hline 504672 \end{array}$$

$$\begin{array}{r} 1234 \\ \times 67 \\ \hline 8638 \\ + 74040 \\ \hline 82678 \end{array}$$

$$\begin{array}{r} 2345 \\ \times 34 \\ \hline 9380 \\ + 70350 \\ \hline 79730 \end{array}$$

$$\begin{array}{r} 3456 \\ \times 12 \\ \hline 6912 \\ + 34560 \\ \hline 41472 \end{array}$$