

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

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

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

Worksheet #4



## 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.

$$\begin{array}{r} 1234 \\ \times 45 \\ \hline 6170 \\ + 49360 \\ \hline 55310 \end{array}$$

$$\begin{array}{r} 2345 \\ \times 89 \\ \hline \end{array}$$

$$\begin{array}{r} 34562 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 4567 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 5678 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 6789 \\ \times 67 \\ \hline \end{array}$$

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## Worksheet #4(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.**

$$\begin{array}{r} 1234 \\ \times 45 \\ \hline 6170 \\ + 49360 \\ \hline 55310 \end{array}$$

$$\begin{array}{r} 2345 \\ \times 89 \\ \hline 21105 \\ + 187600 \\ \hline 208705 \end{array}$$

$$\begin{array}{r} 34562 \\ \times 56 \\ \hline 20736 \\ + 172800 \\ \hline 193536 \end{array}$$

$$\begin{array}{r} 4567 \\ \times 78 \\ \hline 36536 \\ + 319690 \\ \hline 356226 \end{array}$$

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

$$\begin{array}{r} 6789 \\ \times 67 \\ \hline 47423 \\ + 407340 \\ \hline 454763 \end{array}$$