Name: _____ **Grade:** _____ **Score:** _____

Worksheet #2

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.

$$
\begin{array}{r}
7890 \\
\times\ 67 \\
\hline
55230 \\
+\ 473400 \\
\hline
528630 \\
\end{array}
$$

$$
\begin{array}{r}
8901 \\
\times\ 12 \\
\hline
\\
\hline
\end{array}
$$

$$
\begin{array}{r}
9012 \\
\times\ 34 \\
\hline
\\
\hline
\end{array}
$$

$$
\begin{array}{r}
1234 \\
\times\ 98 \\
\hline
\\
\hline
\end{array}
$$

$$
\begin{array}{r}
2345 \\
\times\ 56 \\
\hline
\\
\hline
\end{array}
$$

$$
\begin{array}{r}
3456 \\
\times\ 78 \\
\hline
\\
\hline
\end{array}
$$

Name: _____   **Grade:** _____   **Score:** _____

Worksheet #2(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.

7890   X 67   55230   + 473400   528630

8901   X 12   17802   + 89010   106812

9012   X 34   36048   + 270360   306408

1234   X 98   9872   + 111060   120932

2345   X 56   14070   + 117250   131320

3456   X 78   27648   + 241920   269568