

Name: _____

Grade: _____

Score: _____

Worksheet #3

**3D x 3D Multiplication**

Learning goal: Students will multiply two 3-digit numbers using the traditional method, following place value alignment and summing partial products.

$$\begin{array}{r} 283 \\ \times 672 \\ \hline 566 \\ + 19810 \\ + 169800 \\ \hline 190176 \end{array}$$

$$\begin{array}{r} 397 \\ \times 851 \\ \hline \end{array}$$

$$\begin{array}{r} 509 \\ \times 734 \\ \hline \end{array}$$

$$\begin{array}{r} 628 \\ \times 415 \\ \hline \end{array}$$

$$\begin{array}{r} 731 \\ \times 592 \\ \hline \end{array}$$

$$\begin{array}{r} 846 \\ \times 278 \\ \hline \end{array}$$

Name: _____

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Worksheet #3(Answers)

**3D x 3D Multiplication**

Learning goal: Students will multiply two 3-digit numbers using the traditional method, following place value alignment and summing partial products.

$$\begin{array}{r} 283 \\ \times 672 \\ \hline 566 \\ + 19810 \\ + 169800 \\ \hline 190176 \end{array}$$

$$\begin{array}{r} 397 \\ \times 851 \\ \hline 397 \\ + 19850 \\ + 317600 \\ \hline 337847 \end{array}$$

$$\begin{array}{r} 509 \\ \times 734 \\ \hline 2036 \\ + 15270 \\ + 356300 \\ \hline 373606 \end{array}$$

$$\begin{array}{r} 628 \\ \times 415 \\ \hline 3140 \\ + 3280 \\ + 251200 \\ \hline 260620 \end{array}$$

$$\begin{array}{r} 731 \\ \times 592 \\ \hline 1462 \\ + 65790 \\ + 365500 \\ \hline 432752 \end{array}$$

$$\begin{array}{r} 846 \\ \times 278 \\ \hline 6768 \\ + 59220 \\ + 169200 \\ \hline 235188 \end{array}$$