

Name: _____

Grade: _____

Score: _____

Worksheet #4

**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.

$$\begin{array}{r} 842 \\ \times 307 \\ \hline 5894 \\ + 0000 \\ + 252600 \\ \hline 258494 \end{array}$$

$$\begin{array}{r} 965 \\ \times 134 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 156 \\ \times 498 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 187 \\ \times 635 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 276 \\ \times 849 \\ \hline \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 398 \\ \times 521 \\ \hline \\ \hline \\ \hline \end{array}$$

Name: _____

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Worksheet #4(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.

$$\begin{array}{r} 842 \\ \times 307 \\ \hline 5894 \\ + 0000 \\ + 252600 \\ \hline 258494 \end{array}$$

$$\begin{array}{r} 965 \\ \times 134 \\ \hline 3860 \\ + 28950 \\ + 96500 \\ \hline 129310 \end{array}$$

$$\begin{array}{r} 156 \\ \times 498 \\ \hline 1248 \\ + 14040 \\ + 77688 \\ \hline 77688 \end{array}$$

$$\begin{array}{r} 187 \\ \times 635 \\ \hline 935 \\ + 5610 \\ + 112200 \\ \hline 118745 \end{array}$$

$$\begin{array}{r} 276 \\ \times 849 \\ \hline 2484 \\ + 11040 \\ + 220800 \\ \hline 234324 \end{array}$$

$$\begin{array}{r} 398 \\ \times 521 \\ \hline 398 \\ + 7960 \\ + 199000 \\ \hline 207358 \end{array}$$