

Name: _____

Grade: _____

Score: _____

Worksheet #1

**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.

$$\begin{array}{r} 923 \\ \times 748 \\ \hline \end{array}$$

$$\begin{array}{r} 7384 \\ + 36920 \\ + 646100 \\ \hline 690404 \end{array}$$

$$\begin{array}{r} 174 \\ \times 539 \\ \hline \end{array}$$

$$\begin{array}{r} 268 \\ \times 751 \\ \hline \end{array}$$

$$\begin{array}{r} 381 \\ \times 942 \\ \hline \end{array}$$

$$\begin{array}{r} 493 \\ \times 815 \\ \hline \end{array}$$

$$\begin{array}{r} 607 \\ \times 329 \\ \hline \end{array}$$

Name: _____

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Worksheet #1(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.

$$\begin{array}{r} 923 \\ \times 748 \\ \hline 7384 \\ + 36920 \\ + 646100 \\ \hline 690404 \end{array}$$

$$\begin{array}{r} 174 \\ \times 539 \\ \hline 1566 \\ + 5220 \\ + 87000 \\ \hline 93786 \end{array}$$

$$\begin{array}{r} 268 \\ \times 751 \\ \hline 268 \\ + 13400 \\ + 187600 \\ \hline 201268 \end{array}$$

$$\begin{array}{r} 381 \\ \times 942 \\ \hline 762 \\ + 15240 \\ + 342900 \\ \hline 358902 \end{array}$$

$$\begin{array}{r} 493 \\ \times 815 \\ \hline 2465 \\ + 4930 \\ + 394400 \\ \hline 401795 \end{array}$$

$$\begin{array}{r} 607 \\ \times 329 \\ \hline 5463 \\ + 12140 \\ + 182100 \\ \hline 199703 \end{array}$$