

Name: _____

Grade: _____

Score: _____

Worksheet #2



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.

$$\begin{array}{r} 741 \\ \times 268 \\ \hline \end{array}$$

1 9 8 5 8 8

$$\begin{array}{r} 859 \\ \times 147 \\ \hline \end{array}$$

1 2 6 2 7 3

$$\begin{array}{r} 931 \\ \times 452 \\ \hline \end{array}$$

4 2 0 8 1 2

$$\begin{array}{r} 543 \\ \times 761 \\ \hline \end{array}$$

4 1 3 2 2 3

$$\begin{array}{r} 652 \\ \times 389 \\ \hline \end{array}$$

2 5 3 6 2 8

$$\begin{array}{r} 783 \\ \times 916 \\ \hline \end{array}$$

7 1 7 2 2 8

Name: _____

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Worksheet #2(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.

$$\begin{array}{r} 741 \\ \times 268 \\ \hline 5928 \\ + 44460 \\ + 148200 \\ \hline 198588 \end{array}$$

$$\begin{array}{r} 859 \\ \times 147 \\ \hline 6013 \\ + 34360 \\ + 85900 \\ \hline 126273 \end{array}$$

$$\begin{array}{r} 931 \\ \times 452 \\ \hline 1862 \\ + 46550 \\ + 372400 \\ \hline 420812 \end{array}$$

$$\begin{array}{r} 543 \\ \times 761 \\ \hline 543 \\ + 32580 \\ + 380100 \\ \hline 413223 \end{array}$$

$$\begin{array}{r} 652 \\ \times 389 \\ \hline 5868 \\ + 52160 \\ + 195600 \\ \hline 253628 \end{array}$$

$$\begin{array}{r} 783 \\ \times 916 \\ \hline 4698 \\ + 7830 \\ + 704700 \\ \hline 717228 \end{array}$$