

Name _____

Date _____

Multiply Multi-Digit Whole Numbers- Step-by-Step Lesson

Lesson 1 Multiplication Problem:

a)
$$\begin{array}{r} 54 \\ \times 11 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 875 \\ \times 75 \\ \hline \end{array}$$



Explanation:

Multiply the ones place.

$$\begin{array}{r} 54 \\ \times 11 \\ \hline 54 \end{array}$$

Multiply the tens place, remember to account for the tens with an extra 0.

$$\begin{array}{r} 54 \\ \times 11 \\ \hline 54 \\ + 540 \\ \hline 594 \end{array}$$

Add the result. Your total is 594.



Name _____

Date _____

b) Multiply the ones place.

$$\begin{array}{r} ^3 ^2 \\ \mathbf{875} \\ \times \mathbf{75} \\ \hline 4375 \end{array}$$

Multiply the tens place, remember to account for the tens with an extra 0.

$$\begin{array}{r} ^5 ^3 \\ \mathbf{875} \\ \times \mathbf{75} \\ \hline 4375 \\ + \mathbf{61250} \\ \hline \mathbf{65625} \end{array}$$

Add the result. Your total is 65,625.

