

2 by 2 digit multiplication

Now that we're comfortable multiplying one digit by two digit numbers, we are going to try working with larger digits! Let's try some 2 digit by 2 digit multiplication!

Check out this video to help you with the steps:

<https://www.youtube.com/watch?v=DaQlieZH1kk>

<p>Step 1</p> $\begin{array}{r} 2 \\ 55 \\ \times 15 \\ \hline 275 \end{array}$	<p>Step 2:</p> $\begin{array}{r} 55 \\ \times 15 \\ \hline 275 \\ 0 \end{array}$ <p>*this zero is a placeholder to show we have already finished with the ones.</p>	<p>Step 3:</p> $\begin{array}{r} 55 \\ \times 15 \\ \hline 275 \\ 550 \end{array}$ <p>Multiply your the tens.</p>	<p>Step 4:</p> $\begin{array}{r} 55 \\ \times 15 \\ \hline 275 \\ + 550 \\ \hline 825 \end{array}$ <p>Add your products together and done!</p>
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Give a few questions a try!

*Remember, you can repeat a page if you need to.

a)
$$\begin{array}{r} 36 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + \underline{\hspace{2cm}} \end{array}$$

b)
$$\begin{array}{r} 65 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + \underline{\hspace{2cm}} \end{array}$$

c)
$$\begin{array}{r} 52 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + \underline{\hspace{2cm}} \end{array}$$