



# More Multiplication

Let's practice using the multiplication algorithm.

Warm-up

## Estimation Exploration: Large Product

$$9,999 \times 896$$

Record an estimate that is:

| too low | about right | too high |
|---------|-------------|----------|
|         |             |          |

## Activity 1

### Kiran's Work

1. Find the value of the product.  
Explain or show your reasoning.

$$\begin{array}{r} 650 \\ \times 27 \\ \hline \end{array}$$

2. Here is how Kiran found the product. Is his answer reasonable? Explain your reasoning.

$$\begin{array}{r} 13 \\ 650 \\ \times 27 \\ \hline 4,550 \\ + 1,300 \\ \hline 5,850 \end{array}$$

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3. What parts of the work do you agree with?

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4. What parts of the work do you disagree with?

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5. Look at the value you found for  $650 \times 27$ . Is there anything you want to revise?  
Explain or show your reasoning.



## Activity 2

### Zero the Hero

Find the value of each product.

1.

$$\begin{array}{r} 260 \\ \times 35 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 2,600 \\ \times 35 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 670 \\ \times 89 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 6,700 \\ \times 89 \\ \hline \end{array}$$

