



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.

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



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

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

5. Look at the value you found for 650×27 . 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.

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

