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

Kiran's Work

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

$$\begin{array}{r} 6\ 5\ 0 \\ \times\quad 2\ 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} \overset{1}{}\overset{3}{}\ \ \\ 6\ 5\ 0 \\ \times\quad\ \ 2\ 7 \\ \hline 4,\ 5\ 5\ 0 \\ +\ \ 1,\ 3\ 0\ 0 \\ \hline 5,\ 8\ 5\ 0 \end{array}$$

_____

_____

_____

_____

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.

Zero the Hero

Find the value of each product.

1.

$$\begin{array}{r} 2\ 6\ 0 \\ \times\quad 3\ 5 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 2,\ 6\ 0\ 0 \\ \times\quad\ \ 3\ 5 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 6\ 7\ 0 \\ \times\quad 8\ 9 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 6,\ 7\ 0\ 0 \\ \times\quad\ \ 8\ 9 \\ \hline \end{array}$$