

## Grade 5 Unit 8

Lesson 2

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## Unit 8 Lesson 2: More Multiplication

### WU Estimation Exploration: Large Product (Warm up)

Student Task Statement

$$9,999 \times 896$$

Record an estimate that is:

too low	about right	too high

### 1 Kiran's Work

Student Task Statement

- Find the value of the product.

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

- Below is Kiran's work finding the value of the product  $650 \times 27$ . Is his answer reasonable? Explain your reasoning.

$$\begin{array}{r} 1 \\ 3 \\ 650 \\ \times 27 \\ \hline 4,550 \\ + 1,300 \\ \hline 5,850 \end{array}$$

- What parts of the work do you agree with? Be prepared to explain your reasoning.
- What parts of the work do you disagree with? Be prepared to explain your reasoning.

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5. Look at your solution to problem 1. Is there anything you want to revise? Be prepared to explain.

## 2 Zero the Hero

### Student Task Statement

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.

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

### Activity Synthesis

$$\begin{array}{r} 5 \\ 6 \\ \times 6,700 \\ \hline 60,300 \\ + 536,000 \\ \hline 596,300 \end{array}$$

### Images for Activity Synthesis

$$\begin{array}{r} 350 \\ \times 74 \\ \hline \end{array}$$