Grade 4 Unit 6
Lesson 7
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Unit 6 Lesson 7: Multiply Three- and Four-digit Numbers by One-digit Numbers

WU Estimation Exploration: Mysterious Area (Warm up)

### Student Task Statement

What is the area of the rectangle?
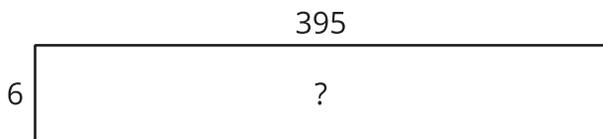
Record an estimate that is:

too low	about right	too high

1 Larger Numbers to Multiply

Student Task Statement

1. Clare drew this diagram.
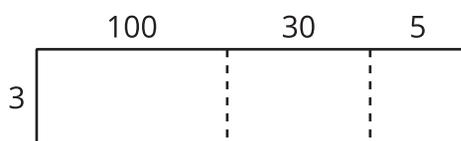
   a. What multiplication expression can be represented by the diagram?

   b. Find the value of the expression. Show your reasoning.

2. Consider the expression 6×252.

   a. Draw a diagram to represent the expression.

    b. Find the value of the expression. Show your reasoning.

3. Lin drew a diagram to represent $3 \times 2{,}135$.
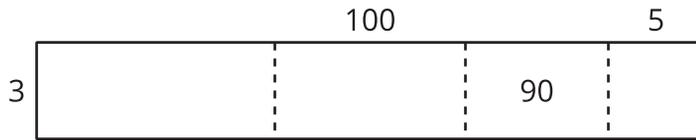
    a. Complete Lin's diagram.

    b. Write an expression to represent the value of each part of the diagram.

    c. Find the value of $3 \times 2{,}135$. Show your reasoning.

2 Jada's Errors

Student Task Statement

1. Jada used a diagram to multiply $3 \times 6{,}489$ and made a few errors.
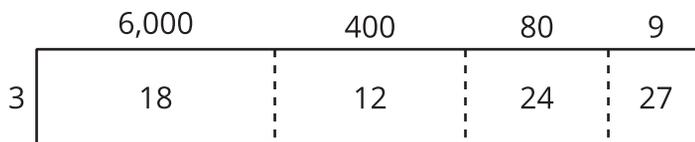
    a. Explain the errors Jada made.

    b. Find the value of $3 \times 6{,}489$. Show your reasoning.

2. Find the value of 5×699. Show your reasoning.

3. Find the value of $8 \times 4{,}973$. Show your reasoning.

Images for Activity Synthesis