

**Grade 5 Unit 5**

Lesson 17

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**Unit 5 Lesson 17: Multiply Decimals and Whole Numbers****WU True or False: Place Value Products (Warm up)**

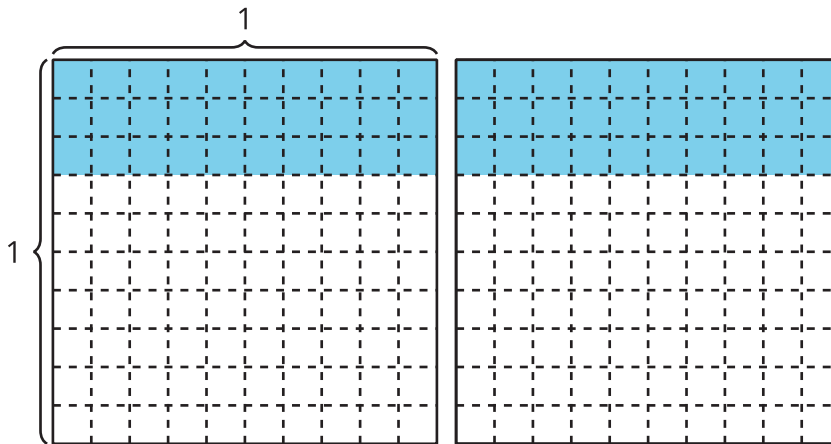
## Student Task Statement

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $100 \times 0.01 = 1$
- $10 \times 0.1 = 0.01$
- $10 \times 0.01 = 0.1$

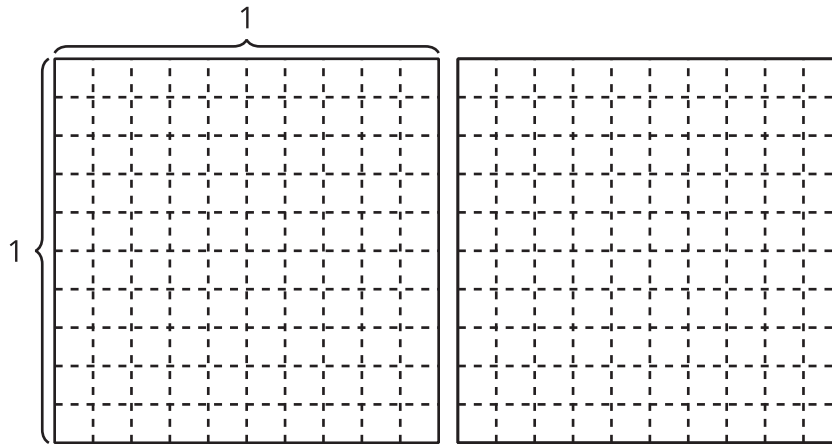
**1 Multiply Decimals By Whole Numbers**

## Student Task Statement

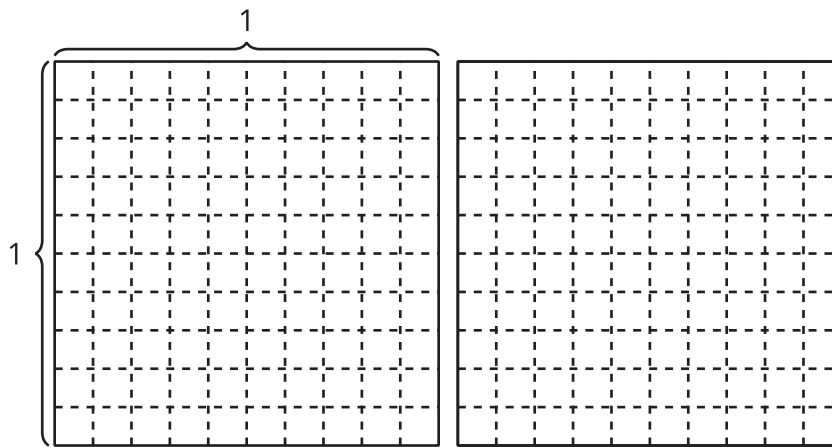


Find the value of each expression in a way that makes sense to you. Explain or show your reasoning. Use the grids, if needed.

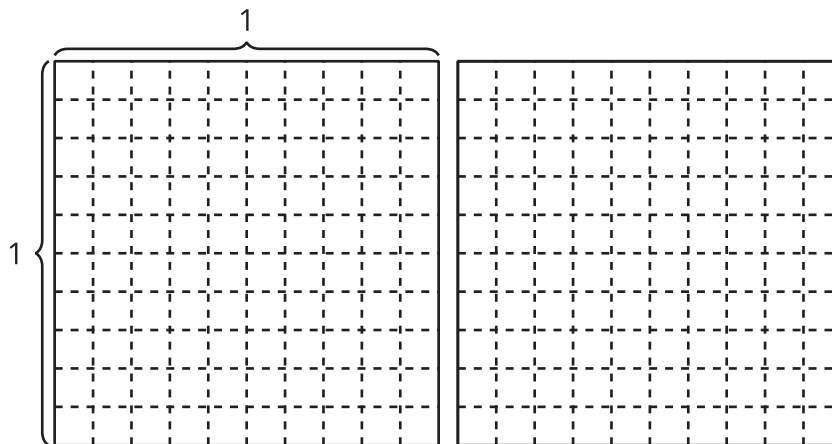
1.  $2 \times 0.7$



2.  $2 \times 0.08$



3.  $2 \times 0.78$



## 2 Using Whole Number Products

### Student Task Statement

1. Find the value of each expression. Explain or show your reasoning.

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a.  $3 \times 0.5$

b.  $5 \times 0.3$

c.  $7 \times 0.02$

2. Kiran wrote this explanation to describe the strategy he used to multiply a whole number by some tenths:

“I just turn the numbers into whole numbers, multiply them, and call them tenths.” (Pause for teacher directions.)

3. Can you use Kiran’s reasoning to find the value of  $6 \times 0.07$ ? Explain your reasoning.