Unit 5, Lesson 20

Products in the Hundredths Place

Let's multiply tenths by tenths.

Warm-up

What do you know about 1×0.1 and 0.1×0.1?

What do you know about these expressions?

- 1×0.1

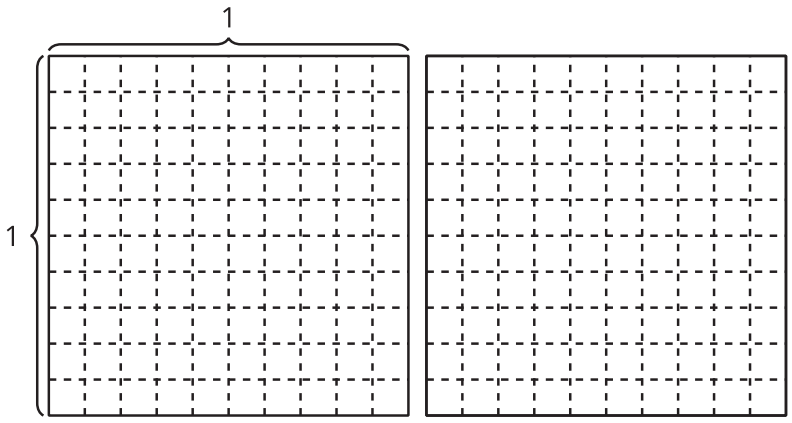
- 0.1×0.1

Activity 1

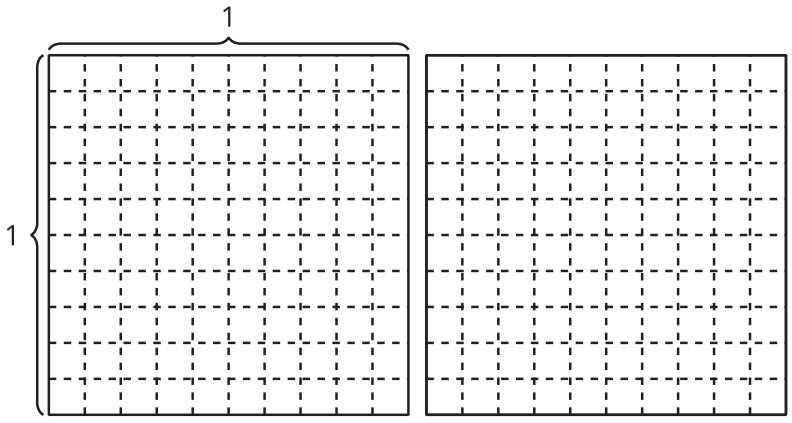
Products of Tenths

1. Find the value of each expression. Explain or show your reasoning. Use the diagrams if they are helpful.

   a. 2×0.3



   b. 0.2×0.3



2. Kiran says $0.2 \times 0.4 = 0.8$. Do you agree? Explain or show your reasoning.

Activity 2

Multiply Tenths

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

   a. 1.8×0.4

   b. 2.5×0.6

   c. 3.8×0.7

2. How are these products alike? How are they different?
   - 74×6
   - 7.4×6
   - 7.4×0.6