Lesson 16 Practice Problems

1. Write three numerical expressions that are equivalent to $(0.0004) \cdot (0.005)$.

2. Find each product. Show your reasoning.

   a. $(1.2) \cdot (0.11)$
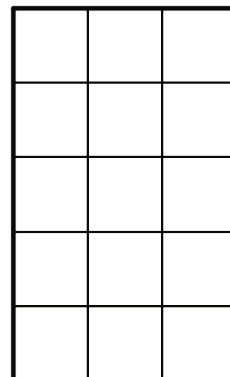
   b. $(0.34) \cdot (0.02)$

   c. $120 \cdot (0.002)$

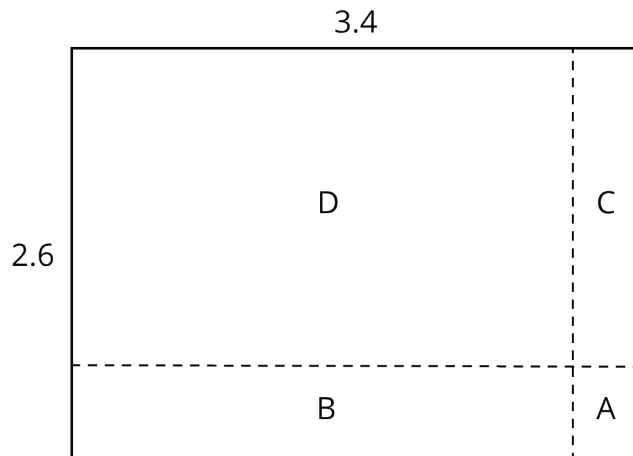3. You can use a rectangle to represent $(0.3) \cdot (0.5)$.

   a. What must the side length of each square represent for the rectangle to correctly represent $(0.3) \cdot (0.5)$?

   b. What area is represented by each square?

   c. What is $(0.3) \cdot (0.5)$? Show your reasoning.

4. Here is a rectangle that has been partitioned into four smaller rectangles.

3.4

2.6

D	C
B	A

For each expression, choose the sub-rectangle whose area, in square units, matches the expression.

a. $3 \cdot (0.6)$

b. $(0.4) \cdot 2$

c. $(0.4) \cdot (0.6)$

d. $3 \cdot 2$

(From Unit 3, Lesson 17.)

5. Find the value of $\frac{49}{50} \div \frac{7}{6}$ using any method.

(From Unit 3, Lesson 7.)

6. Calculate each difference. Show your reasoning.

a. $13.2 - 1.78$

a. $23.11 - 0.376$

a. $0.9 - 0.245$

(From Unit 3, Lesson 15.)

Accelerated 6 Unit 3
Lesson 16

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