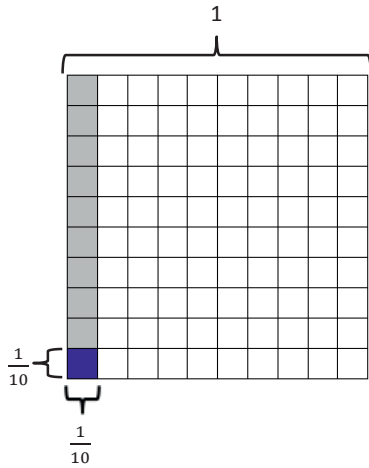


Name \_\_\_\_\_

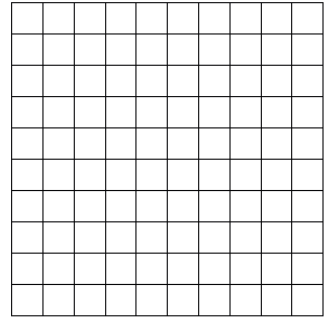
Date \_\_\_\_\_

1. Multiply and model. Rewrite each expression as a number sentence with decimal factors. The first one is done for you.

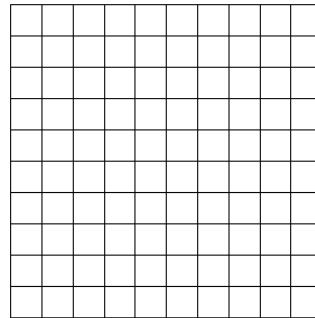
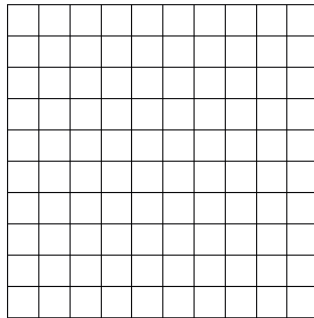
a.  $\frac{1}{10} \times \frac{1}{10}$   
 $= \frac{1 \times 1}{10 \times 10}$   
 $= \frac{1}{100}$   
 $0.1 \times 0.1 = 0.01$



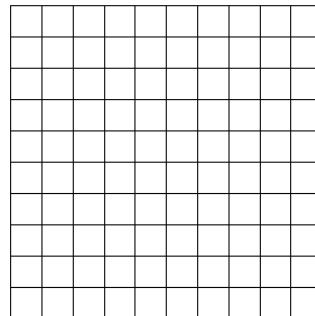
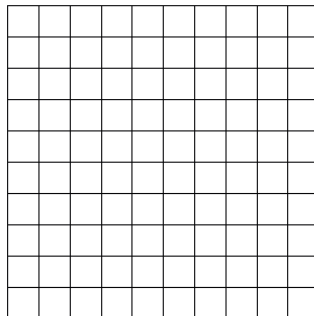
b.  $\frac{6}{10} \times \frac{2}{10}$



c.  $\frac{1}{10} \times 1.6$



d.  $\frac{6}{10} \times 1.9$



2. Multiply. The first few are started for you.

$$\begin{aligned} \text{a. } 4 \times 0.6 &= \underline{\hspace{2cm}} \\ &= 4 \times \frac{6}{10} \\ &= \frac{4 \times 6}{10} \\ &= \frac{24}{10} \\ &= 2.4 \end{aligned}$$

$$\begin{aligned} \text{b. } 0.4 \times 0.6 &= \underline{\hspace{2cm}} \\ &= \frac{4}{10} \times \frac{6}{10} \\ &= \frac{4 \times 6}{10 \times 10} \\ &= \end{aligned}$$

$$\begin{aligned} \text{c. } 0.04 \times 0.6 &= \underline{\hspace{2cm}} \\ &= \frac{4}{100} \times \frac{6}{10} \\ &= \frac{\_ \times \_}{100 \times 10} \\ &= \end{aligned}$$

$$\text{d. } 7 \times 0.3 = \underline{\hspace{2cm}}$$

$$\text{e. } 0.7 \times 0.3 = \underline{\hspace{2cm}}$$

$$\text{f. } 0.07 \times 0.3 = \underline{\hspace{2cm}}$$

$$\text{g. } 1.3 \times 5 = \underline{\hspace{2cm}}$$

$$\text{h. } 1.3 \times 0.5 = \underline{\hspace{2cm}}$$

$$\text{i. } 0.13 \times 0.5 = \underline{\hspace{2cm}}$$

3. Jennifer makes 1.7 liters of lemonade. If she pours 3 tenths of the lemonade in the glass, how many liters of lemonade are in the glass?

4. Cassius walked 6 tenths of a 3.6-mile trail.

a. How many miles did Cassius have left to hike?

b. Cameron was 1.3 miles ahead of Cassius. How many miles did Cameron hike already?