Area Models: Fraction Products 2
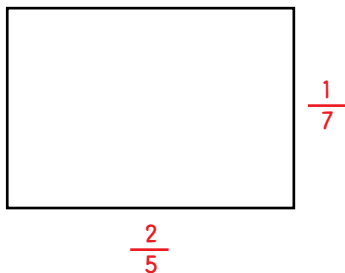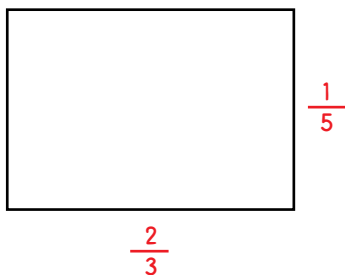
Name: _____   Date: _____

Step One Exercises

Directions: *Sketch each expression by drawing a rectangle. Assign each factor to a side (vertical x horizontal).*
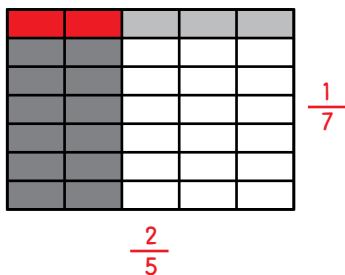
1. $\dfrac{1}{7} \times \dfrac{2}{5} =$

$\dfrac{1}{7}$

$\dfrac{2}{5}$

2. $\dfrac{1}{5} \times \dfrac{2}{3} =$
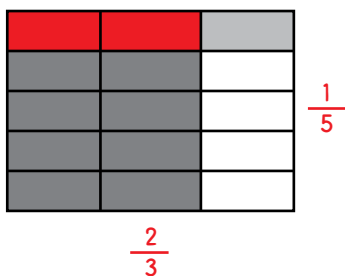

$\dfrac{1}{5}$

$\dfrac{2}{3}$

Step Two Exercises

Directions: *Divide and shade the area model by each fraction value of length and width.*

3. $\dfrac{1}{7} \times \dfrac{2}{5} =$

$\dfrac{1}{7}$

$\dfrac{2}{5}$

4. $\dfrac{1}{5} \times \dfrac{2}{3} =$

$\dfrac{1}{5}$
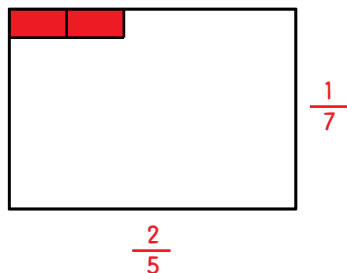
$\dfrac{2}{3}$

Area Models: Fraction Products 2
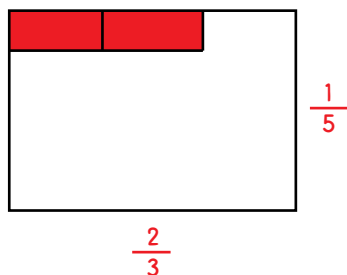
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Step Three Exercises

Directions: *Isolate the overlapping fraction of the fractions for each expression's area model.*

5. $\dfrac{1}{7} \times \dfrac{2}{5} =$

$\dfrac{1}{7}$

$\dfrac{2}{5}$

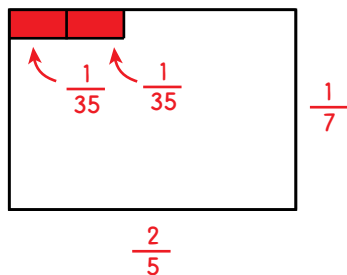**6.** $\dfrac{1}{5} \times \dfrac{2}{3} =$

$\dfrac{1}{5}$

$\dfrac{2}{3}$

Step Four Exercises

Directions: *Label unit fractions for the product in the area model for each expression.*

Hint: The product denominator reveals the total area is divided into _____ pieces.

7. $\dfrac{1}{7} \times \dfrac{2}{5} =$

$\dfrac{1}{35}$ $\dfrac{1}{35}$

$\dfrac{1}{7}$

$\dfrac{2}{5}$

8. $\dfrac{1}{5} \times \dfrac{2}{3} =$

$\dfrac{1}{15}$ $\dfrac{1}{15}$

$\dfrac{1}{5}$

$\dfrac{2}{3}$