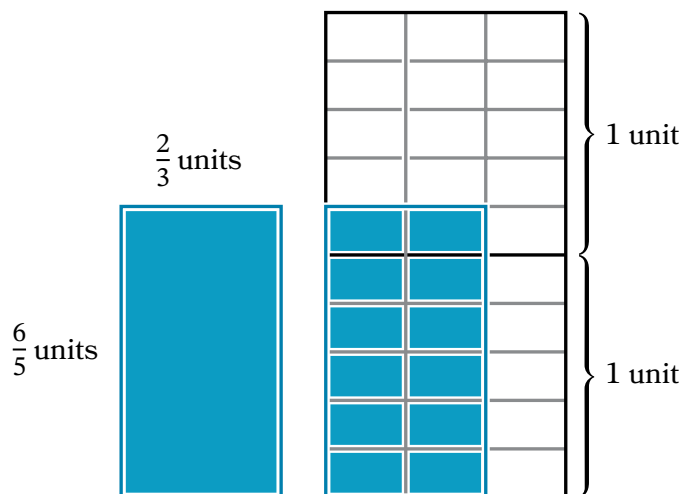




Name _____

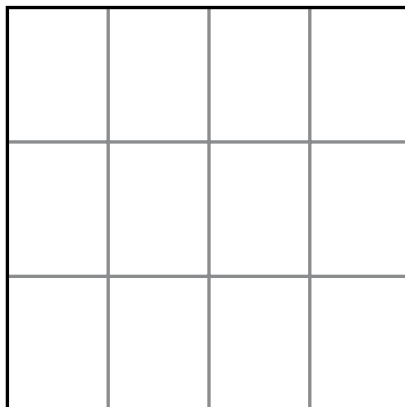
Date _____

1. Use the models to complete parts (a)–(d).



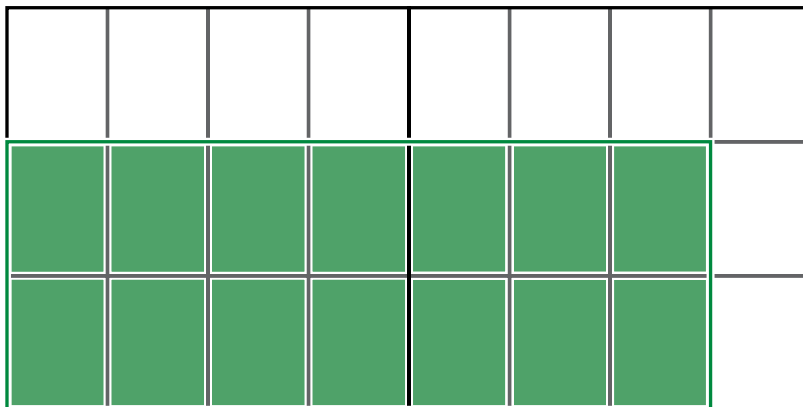
- Each unit square shown is partitioned into _____ equal parts.
- What is the area of each equal part?
- Use blue to color the equal parts of the unit squares to represent the blue rectangle shown.
- What is the area of the blue rectangle?

2. Use the partitioned unit squares to complete parts (a)–(d).



- a. How many equal parts is the unit square partitioned into?
- b. What is the area of each equal part?

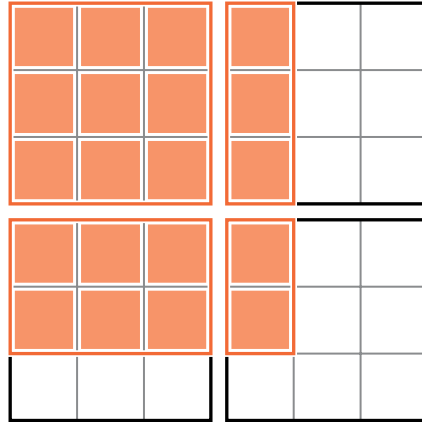
c.



The rectangle represented by the green portion of the two unit squares has side lengths of _____ units and _____ units.

- d. What is the area of the rectangle represented in part (c)?

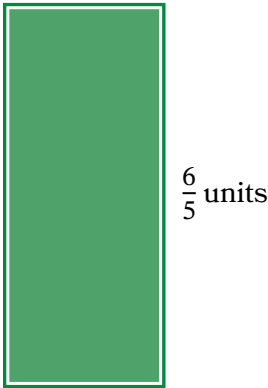
3. Use this model, which shows four unit squares partitioned into ninths, to complete parts (a)–(d).



- How many equal parts is each unit square partitioned into?
- Use orange to color the equal parts of the unit squares to represent a rectangle with side lengths of $\frac{5}{3}$ units and $\frac{4}{3}$ units.
- What is the area of the rectangle?
- Show how to find the area by multiplying.

Find the area of the rectangles shown. Show how you know.

4. $\frac{1}{2}$ unit



5. $\frac{7}{3}$ units



6. Find the areas of the rectangles with the given side lengths.

Length (units)	Width (units)	Area (square units)
$\frac{9}{8}$	$\frac{6}{5}$	
$\frac{10}{9}$	$\frac{11}{10}$	