



Name _____ Date _____

Sketch the rectangles and your tiling. Write the dimensions and the units you counted in the blanks. Then, use multiplication to confirm the area. Show your work. We will do Rectangles A and B together.

1. **Rectangle A:**

Rectangle A is

_____ units long _____ units wide

Area = _____ units²

2. **Rectangle B:**

Rectangle B is

_____ units long _____ units wide

Area = _____ units²

3. **Rectangle C:**

Rectangle C is

_____ units long _____ units wide

Area = _____ units²

4. **Rectangle D:**

Rectangle D is

_____ units long _____ units wide

Area = _____ units²

5. **Rectangle E:**

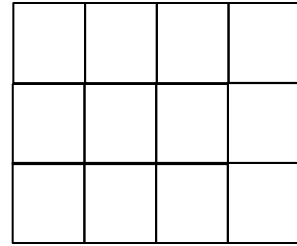
Rectangle E is

_____ units long _____ units wide

Area = _____ units²



6. The rectangle to the right is composed of squares that measure $2\frac{1}{4}$ inches on each side. What is its area in square inches? Explain your thinking using pictures and numbers.



7. A rectangle has a perimeter of $35\frac{1}{2}$ feet. If the length is 12 feet, what is the area of the rectangle?



Name _____

Date _____

Draw the rectangle and your tiling.
Write the dimensions and the units you counted in the blanks.
Then, use multiplication to confirm the area. Show your work.

1. **Rectangle A:**

2. **Rectangle B:**

Rectangle A is

_____ units long _____ units wide

Area = _____ units²

Rectangle B is

_____ units long _____ units wide

Area = _____ units²

3. **Rectangle C:**

4. **Rectangle D:**

Rectangle C is

_____ units long _____ units wide

Area = _____ units²

Rectangle D is

_____ units long _____ units wide

Area = _____ units²



5. Colleen and Caroline each built a rectangle out of square tiles placed in 3 rows of 5. Colleen used tiles that measured $1\frac{2}{3}$ cm squares. Caroline used tiles that measured $3\frac{1}{3}$ cm.
- Draw the girls' rectangles, and label the lengths and widths of each.
 - What are the areas of the rectangles in square centimeters?
 - Compare the area of the rectangles.
6. A square has a perimeter of 51 inches. What is the area of the square?