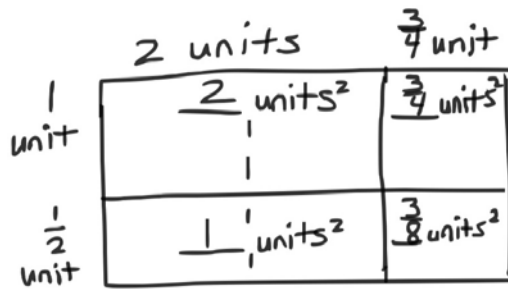Name _____ Date _____

1. Kristen tiled the following rectangles using square units. Sketch the rectangles, and find the areas. Then, confirm the area by multiplying. Rectangle A has been sketched for you.

a. **Rectangle A:**

Rectangle A is

_____ units long × _____ units wide

Area = _____ units^2

b. **Rectangle B:**

Rectangle B is

$2\frac{1}{2}$ units long × $\frac{3}{4}$ unit wide

Area = _____ units^2

c. **Rectangle C:**

Rectangle C is

$3\frac{1}{3}$ units long × $2\frac{1}{2}$ units wide

Area = _____ units^2

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Lesson 11: Find the area of rectangles with mixed-by-mixed and fraction-by-fraction side lengths by tiling, record by drawing, and relate to fraction multiplication.

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d. **Rectangle D:**

Rectangle D is

$3\frac{1}{2}$ units long $\times$ $2\frac{1}{4}$ units wide

Area = _____ units^2

2. A square has a perimeter of 25 inches. What is the area of the square?