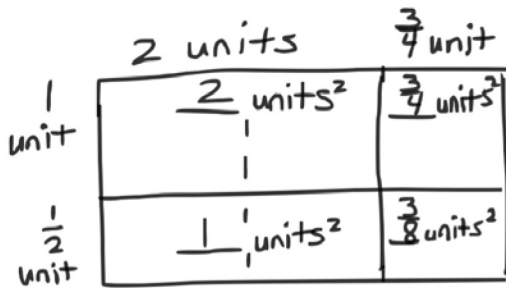


Name _____

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 \times _____ units wide

Area = _____ units²

b. **Rectangle B:**

Rectangle B is

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

Area = _____ units²

c. **Rectangle C:**

Rectangle C is

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

Area = _____ units²

d. **Rectangle D:**

Rectangle D is

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

Area = _____ units²

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

Answer Key

1.
 - a. $2\frac{3}{4}$; $1\frac{1}{2}$; $4\frac{1}{8}$
 - b. Rectangle $2\frac{1}{2}$ by $\frac{3}{4}$ units drawn and tiled; $1\frac{7}{8}$
 - c. Rectangle $3\frac{1}{3}$ by $2\frac{1}{2}$ units drawn and tiled; $8\frac{1}{3}$
 - d. Rectangle $3\frac{1}{2}$ by $2\frac{1}{4}$ units drawn and tiled; $7\frac{7}{8}$
2. $39\frac{1}{16}$ in²