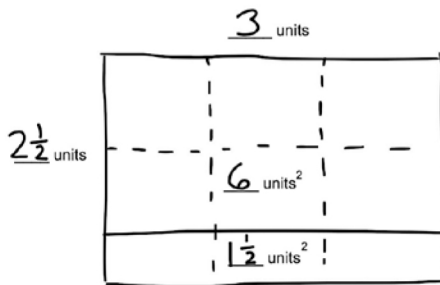


Name _____

Date _____

1. John tiled some rectangles using square units. Sketch the rectangles if necessary. Fill in the missing information, and then confirm the area by multiplying.

a. **Rectangle A:**

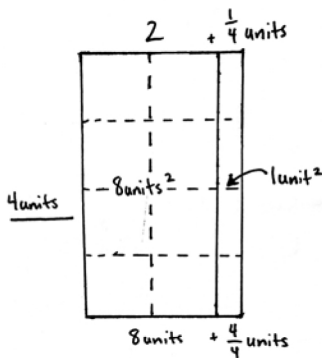


Rectangle A is

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

Area = _____ units²

b. **Rectangle B:**



Rectangle B is

_____ units long _____ units wide

Area = _____ units²

c. **Rectangle C:**

Rectangle C is

$\frac{3}{4}$ units long 4 units wide

Area = _____ units²

d. **Rectangle D:**

Rectangle D is

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

Area = _____ units²

2. Rachel made a mosaic from different color rectangular tiles. Three tiles measured $3\frac{1}{2}$ inches \times 3 inches. Six tiles measured 4 inches \times $3\frac{1}{4}$ inches. What is the area of the whole mosaic in square inches?

3. A garden box has a perimeter of $27\frac{1}{2}$ feet. If the length is 9 feet, what is the area of the garden box?

Answer Key

1.
 - a. $7\frac{1}{2}$
 - b. $4; 2\frac{1}{4}; 9$
 - c. Rectangle $\frac{3}{4}$ units by 4 units is drawn and tiled; 3
Rectangle 2 units by $1\frac{3}{4}$ units is drawn and tiled; $3\frac{1}{2}$
2. $109\frac{1}{2} \text{ in}^2$
3. $42\frac{3}{4} \text{ ft}^2$