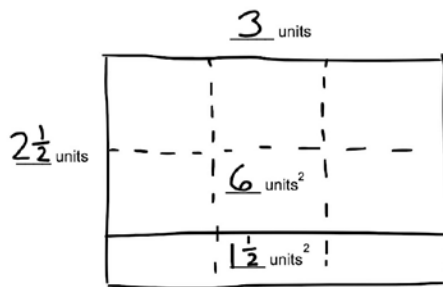


Name _____ Date _____

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.

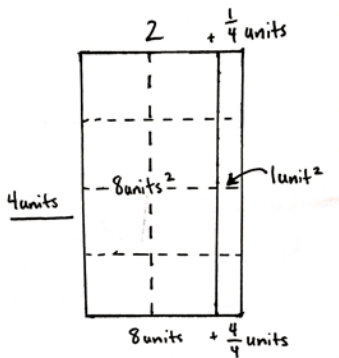
a. Rectangle A:



Rectangle A is

3 units long $2\frac{1}{2}$ units wideArea = _____ 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 wideArea = _____ 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?