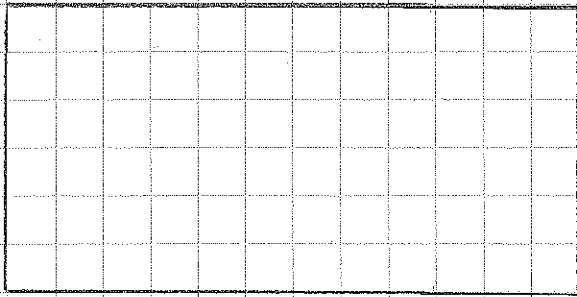
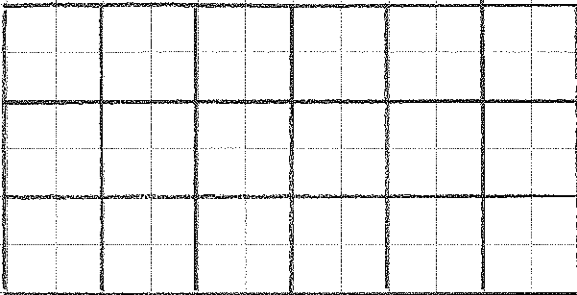


Name :

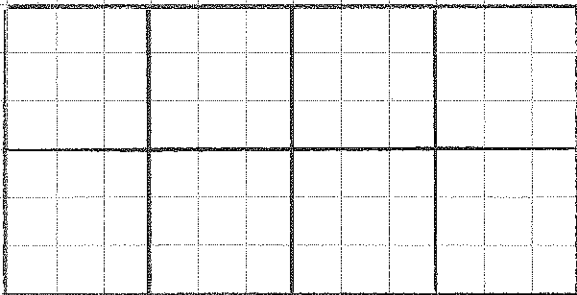
Key



# of 1x1 squares: 72



# of 2x2 squares: 18



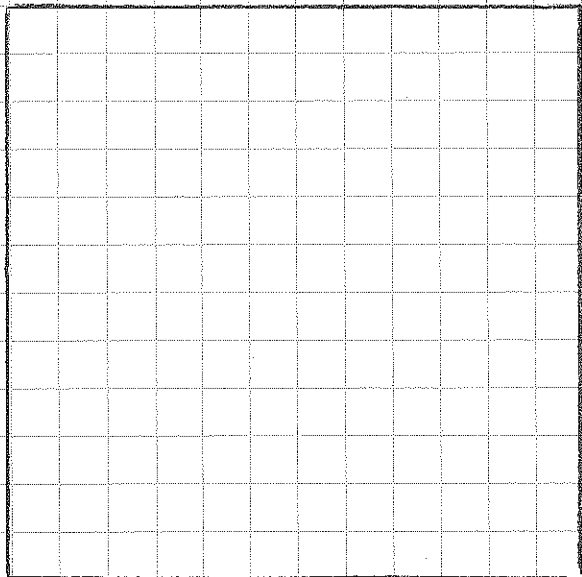
# of 3x3 squares: 8

A 3x3 square contains how many 1x1 squares?

9

If the 1x1 square represents a square foot what does the 3x3 square represent?

a square yard



If the big square represents one square foot what do each of the small (1x1) squares represent?

a square inch

How many small squares are in the big square?

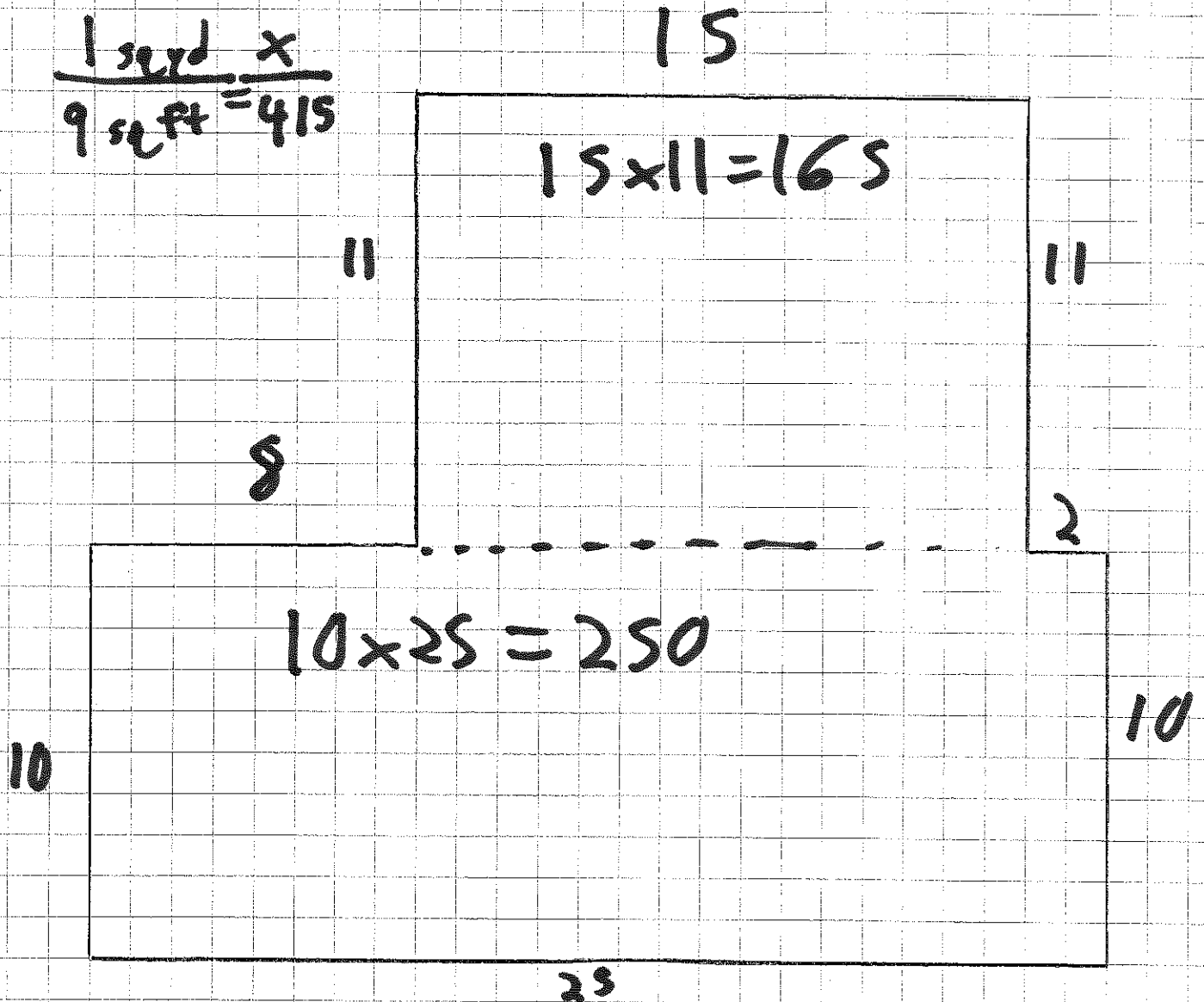
144

How many square inches are in a square foot?

144

a)  $1 \text{ yd} = 3 \text{ ft}$   
 $1 \text{ sq yd} = 9 \text{ sq ft}$

$$\frac{1 \text{ sq yd} \times}{9 \text{ sq ft}} = 415$$



Each square represents a square foot, what is the area of the above room

c)  $1 \text{ yd} = 0.914 \text{ m}$

$$1 \text{ yd}^2 = 0.8361 \text{ m}^2$$

$$\frac{1 \text{ sq yd}}{0.8361 \text{ m}^2} = \frac{46.11}{x}$$

a) in square feet 415

b) in square yards 46.11

c) in square metres 38.55