

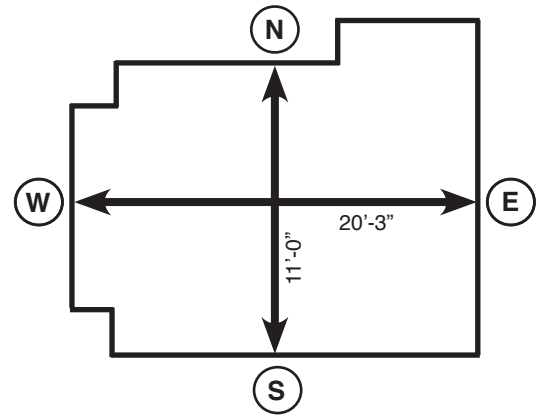


Floorplan

Draw the floorplan of your room and label the walls with the general cardinal direction—North, South, East and West.

Now measure the length and width down the center of the room. Indicate the measurements on the floorplan as shown.

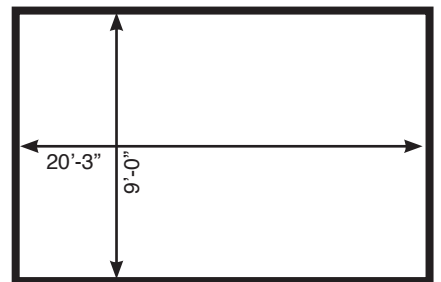
(20'-3" = 20 feet and 3 inches)



Wall Drawings (repeat this process for all four walls)

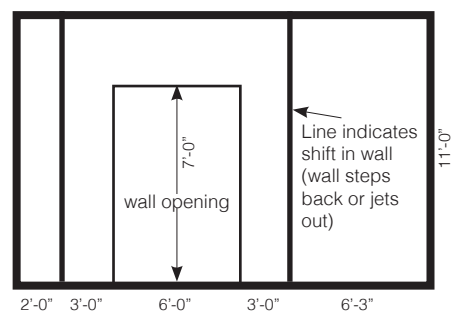
Draw a diagram of the face of the wall and label which wall it is—North, South, East or West. Double check the width and measure the height and record as shown

North Wall



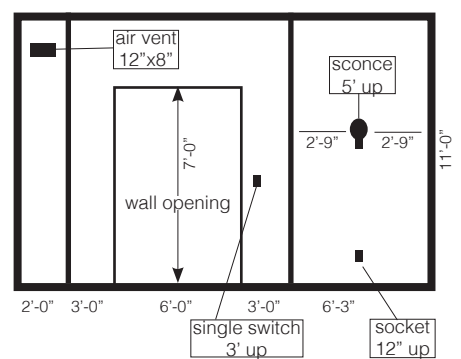
Next draw the placement of all the wall features such as fluctuations in plane, doors, windows, built-ins. Measure each section and indicate their place on the wall.

North Wall



Next draw in some key details—sconces, electrical sockets, light switches, air vents, and wainscoting. Add measurements. Note: door and window frames do not need to be measured. Experience and the photographs will give me the information I need.

North Wall



Calculating Square Footage

For a square or rectangular area use the measurements of the length and width you recorded earlier. Convert all the measurements into inches:

$$(20 \times 12 = 240 + 3 = 243", 11 \times 12 = 140")$$

Multiply the length by the width:

$$240 \times 140 = 33,600$$

Divide this number by 144 (1 square foot in inches):

$$33,600/144 = 233.33$$

rounded to the nearest square foot = 233 square feet

If you have a more complex shape. Divide the space into simple squares and rectangles. Calculate the separate areas using to the method above:

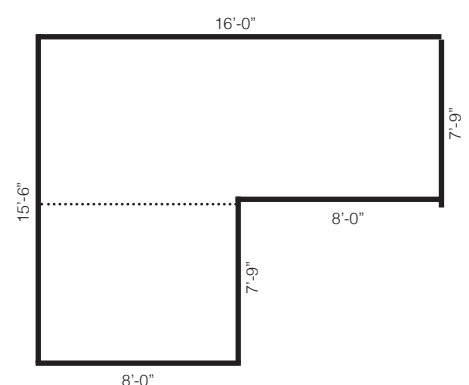
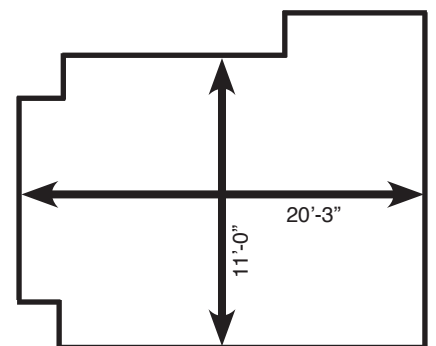
$$16 \times 12 = 192", 7 \times 12 = 84 + 9 = 93"$$

$$192 \times 93 = 17,856", 17,856/144 = 124 \text{ sq ft}$$

$$8 \times 12 = 96, 7 \times 12 = 84 + 9 = 93"$$

$$96 \times 93 = 8,928", 8,928/144 = 62 \text{ sq ft}$$

$$124 + 62 = 186 \text{ total square feet}$$



Tip: always double check measurements before multiplying