

## Scale Drawings and Areas Review Worksheet

The drawing below shows a house plan with indicated dimensions in feet and inches.



***SHOW YOUR WORK IF YOU WANT CREDIT!  
NO LEGIBLE WORK, NO CREDIT!***

1. What is the scale factor of the drawing? Express your answer as a ratio like 1: \_\_\_\_\_

2. In real life, how big is one centimeter on the drawing? Give your answer in feet.

3. What is the approximate floor area of Bedroom #1 (upper left corner) in square feet? Show your work!
4. If the ceilings are 8 feet high, what is the approximate wall area of Bedroom #1?
5. If you were to make a  $\frac{1}{15}$  scale drawing of this house, what would the length and width of your drawing be in centimeters?