



4. The floorplan of a house is drawn to a scale of 1 in. : 5 ft. The actual dimensions of the family room are 20 feet by 24 feet. Assume the family room is a rectangle. What are the dimensions of the family room on the floorplan?

**Part 2 Directions**

5. Make your own word problem in which you would need to use indirect measurement.
- a. Create a well-constructed word problem in paragraph form that includes all pertinent information. (12 points)
  - b. Construct a diagram illustrating the situation. (3 points)
  - c. Provide the answer key for your problem. It should include an equation (proportion), solving steps and the answer with units. (5 points)

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