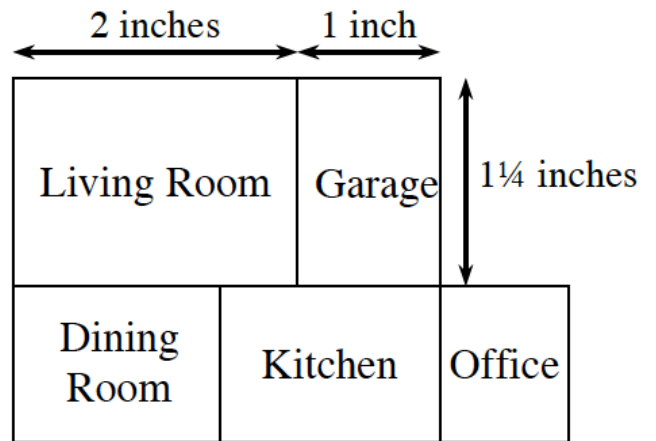


## Scale Drawings

The scale drawing at right shows the first floor of a house.

The actual dimensions of the garage are **20 feet by 25 feet**.

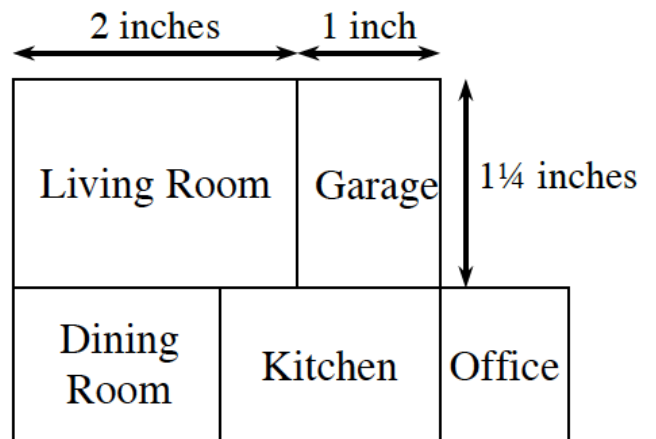


- How many feet does each inch represent? That is, what is the scale?
- What is the length and width of the living room on the scale drawing (in inches)?
- What is the actual length and width of the living room (in feet)?
- If the family wants to lay carpet in the living room and carpeting costs \$1.25 per square foot, how much will the carpet cost?

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