### 5.2c Solve Scale Drawing Problems, Create a Scale Drawing

* + 1. On a map, Breanne measured the distance (as the crow flies) between Los Angeles, California and San Francisco, California at 2 inches. The scale on the map is . What is the actual straight-line distance between Los Angeles and San Francisco?
    2. Janie made a 2.5 inch scale model of one of the tallest buildings in the world: Taipei 101. The scale for the model is . Find the actual height of Taipei 101.
    3. What scale was used to enlarge the drawing below? How do you know?

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* + 1. On the 0.25 inch grid below, create a scale drawing of a living room which is 9 meters by 6.25 meters. In the scale drawing include the following:
  1. Two windows on one of the walls. Each window is 1.25 meters wide.
  2. An entrance (1.5 meters wide) from the side opposite the windows.
  3. A sofa which is 2 meters long and 0.75 meters wide.
  4. Record the drawing scale below the grid.

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