

LESSON 22: Scale Drawings

Homework

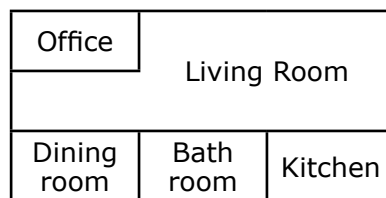
.....

Name _____ **Date** _____

Directions: Solve the following problems using what you have learned about scale drawings.

- The distance between two cities on a map is 6 cm. If the scale on the map is 2 cm = 50 miles, how many miles apart are the two cities?

Directions: Use the scale drawing below to answer Questions 2 - 6.



Scale: 2 in. = 1 ft

- Jenna's father is going to use the blueprint above to make a house play for her. In the drawing, the length of the entire first floor is 12 in. What is the actual length?
- The width of the entire first floor in the drawing is 8 in. What is the actual width?
- What scale factor did Jenna's father use to go from the drawing to the actual house?
- What is the perimeter of the first floor Jenna's that father built?
- What is the area of the first floor Jenna's that father built?