|  |  |
| --- | --- |
| **VOCAB** | Proportions:  Scale Drawing: |
| **NOTES** |  |
| **PRACTICE**  **Do this AFTER LESSON ACTIVITY!!!!!!!** | 1. The distance between Newark, NJ and San Francisco, CA is 2,888 miles. How far would that measure on a map with a scale of 3 cm to 1,000 miles?  2. On a map, the scale is ½ inch : 25 miles. What is the actual distance between two cities that are 3 inches apart?  3. The scale on a set of blueprints of a house is 1 in. = 3 ft. On the blueprint, one of the bedrooms measures 3.75 in. wide and 4.5 in. long. What is the perimeter of the actual bedroom?  4. Jill’s room is 12.5 feet long and 11.5 feet wide. She made a scale drawing of the room with a scale of 0.5 inch = 2 feet. What is the perimeter of Jill’s room in the drawing?  5. Timothy has a drawing of the family room of a house that he is building.  - The drawing shows the family room to be a rectangle 4 cm wide by 6 cm long.  - The length of the actual family room is 9 m.  What is the actual area of the family room?  6. A scale drawing of a rectangular room has a length of 6 inches and a width of 4 inches. The drawing uses a scale of one inch to three feet.  a. How many square feet is the room?  b. How much will it cost to carpet the room if carpeting costs $5.50 per square foot? |
| **Ticket out** |  |

|  |  |
| --- | --- |
| **VOCAB** | Proportions:  Scale Drawing: |
| **NOTES** |  |
| **PRACTICE**  **Do this AFTER LESSON ACTIVITY!!!!!!!** | 1. The distance between Newark, NJ and San Francisco, CA is 2,888 miles. How far would that measure on a map with a scale of 3 cm to 1,000 miles?  2. On a map, the scale is ½ inch : 25 miles. What is the actual distance between two cities that are 3 inches apart?  3. The scale on a set of blueprints of a house is 1 in. = 3 ft. On the blueprint, one of the bedrooms measures 3.75 in. wide and 4.5 in. long. What is the perimeter of the actual bedroom?  4. Jill’s room is 12.5 feet long and 11.5 feet wide. She made a scale drawing of the room with a scale of 0.5 inch = 2 feet. What is the perimeter of Jill’s room in the drawing?  5. Timothy has a drawing of the family room of a house that he is building.  - The drawing shows the family room to be a rectangle 4 cm wide by 6 cm long.  - The length of the actual family room is 9 m.  What is the actual area of the family room?  6. A scale drawing of a rectangular room has a length of 6 inches and a width of 4 inches. The drawing uses a scale of one inch to three feet.  a. How many square feet is the room?  b. How much will it cost to carpet the room if carpeting costs $5.50 per square foot? |