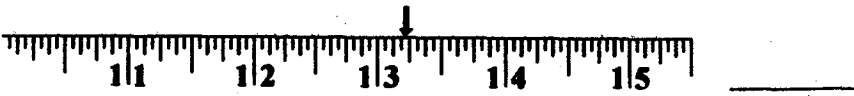
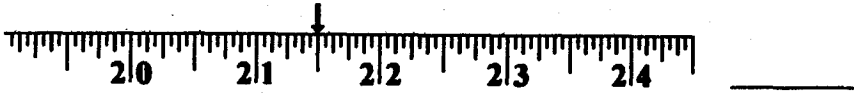
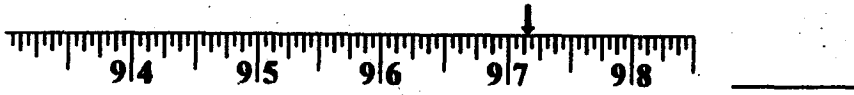
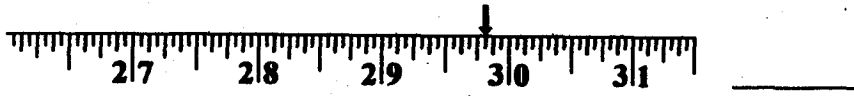
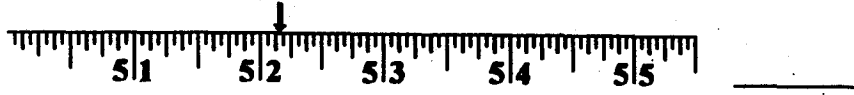


Name _____ Date _____

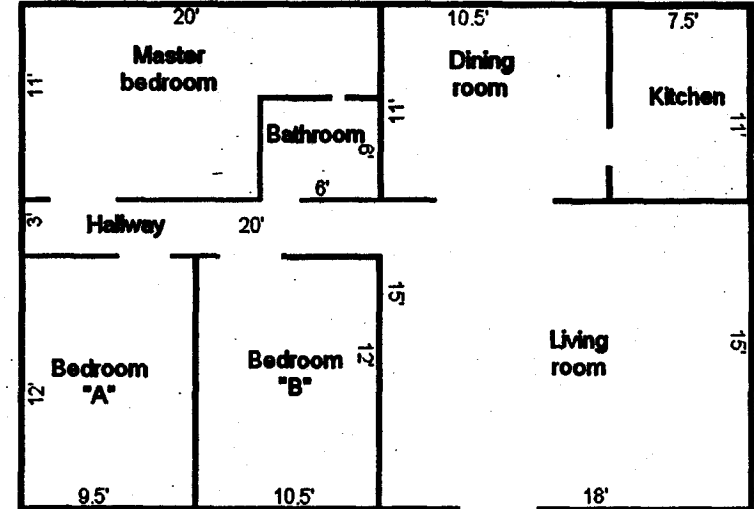


Measuring the area

Name _____

Find the Area

Next week Andy and Maggie are moving into a new home. Use the floor plan of their new home and help them find the area of each of the rooms.

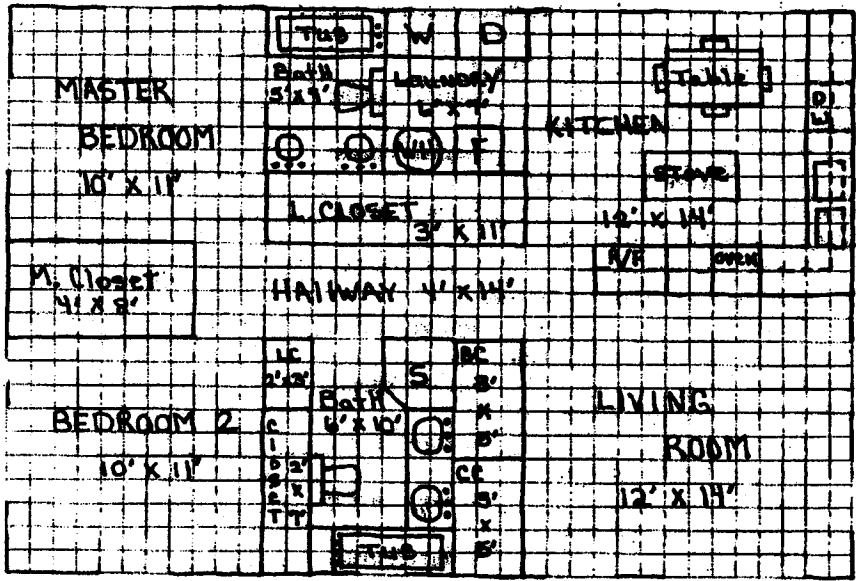


1. What is the square footage of the living room? _____
2. What is the square footage of the master bedroom? _____
3. Andy will have the room that is 114 square feet. Which bedroom is his? _____
4. Maggie gets the bedroom that is 126 square feet. Which bedroom is hers? _____
5. What is the square footage of the kitchen? _____
6. What is the square footage of the dining room? _____
7. What is the square footage of the bathroom? _____
8. How many square feet is the hallway? _____
9. What is the total square footage of the new house? _____

Brain booster: Draw a floor plan of your home. Measure each room and write the dimensions on the floor plan. What is the square footage of your home? _____

Carpet a Small House Floor Plan for Hands-on-Math Project

This house is one story high, 36 feet wide, 24 feet deep. It has two bedrooms, two full bathrooms, a kitchen, and a living room. One of the bedrooms is a master bedroom with a private bathroom. The laundry room also houses the furnace and water heater. The separate broom, coat and two linen closets are unusually large.



Carpet a Small House

Figuring Square Feet and Square Yards for Carpet Installation

1. Figure Square feet in each room
2. Figure Square yards of carpet needed in each room
3. Figure Total Square feet in entire house
4. Figure Total Square yards of carpet needed in house

- Master Bedroom – 10.0 feet by 11.0 feet
Square Feet: _____ Square Yards: _____
- Master Closet - 4.0 feet by 8.0 feet
Square Feet: _____ Square Yards: _____
- Master Bath – 5.0 feet by 7.0 feet
Square Feet: _____ Square Yards: _____
- Bedroom 2 – 10.0 feet by 11.0 feet
Square Feet: _____ Square Yards: _____
- Bedroom 2 Closet – 2.0 feet by 7.0 feet
Square Feet: _____ Square Yards: _____
- Living Room – 12.0 feet by 14.0 feet
Square Feet: _____ Square Yards: _____
- Hall Way – 4.0 feet by 14.0 feet
Square Feet: _____ Square Yards: _____
- Main Bath – 6.0 feet by 10.0 feet
Square Feet: _____ Square Yards: _____
- Kitchen – 12.0 feet by 14.0 feet
Square Feet: _____ Square Yards: _____
- Laundry Room – 6.0 feet by 7.0 feet
Square Feet: _____ Square Yards: _____
- Linen Closet 1 – 3.0 feet by 11.0 feet
Square Feet: _____ Square Yards: _____
- Linen Closet 2 – 2.0 feet by 3.0 feet
Square Feet: _____ Square Yards: _____
- Broom Closet – 3.0 feet by 5.0 feet
Square Feet: _____ Square Yards: _____
- Coat Closet – 3.0 feet by 5.0 feet
Square Feet: _____ Square Yards: _____
- House is 36.0 feet wide and 24.0 feet deep
Square Feet: _____ Square Yards: _____