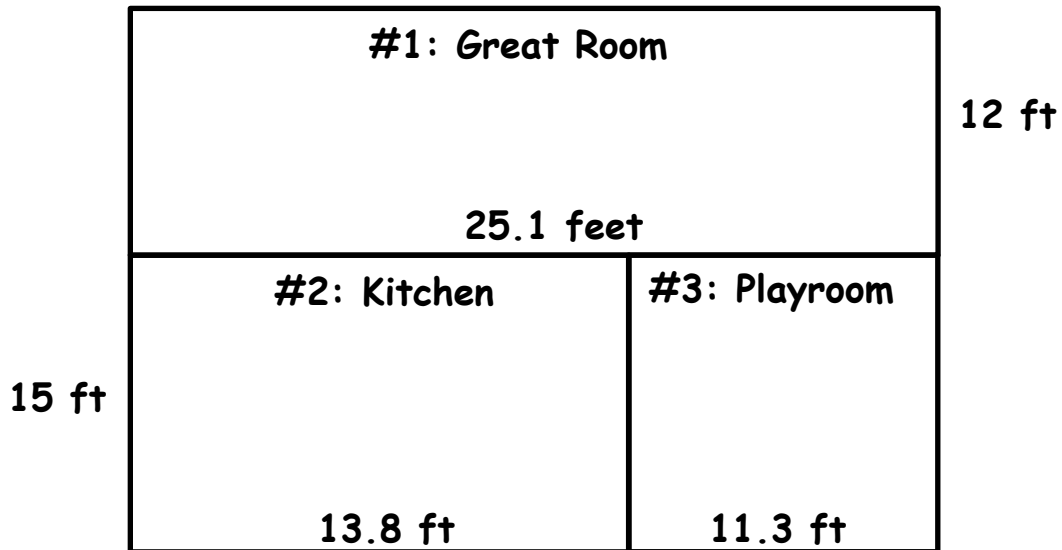




Name \_\_\_\_\_ Per \_\_\_\_\_

Directions: Help the Barkers budget the cost of remodeling their beach house floors.

**BARKER'S BEACH HOUSE:**



First, solve for Area of each room. Use the formula  $A = l \times w$  for each.

**#1 Great Room:**

**#2: Kitchen**

**#3: Playroom**

**Challenge Activity:**

Next, solve for the cost of the floor in each room by multiplying the square footage of the room with the cost of each floor. **REMEMBER:** Round all final answers back to the hundredths—we're looking for a cost, which is money, and that means round back to the hundredths.

**#1 Great Room:**

Hardwood: \$3 sq ft

**#2: Kitchen**

Tile: \$5.75 sq ft

**#3: Playroom**

Carpet: \$4.50 sq ft

**What is the total cost of the three floors?**