Tim's Painting

Name _____

Tim is painting several different surfaces and needs to know the area needing paint so that he can buy the correct amount of paint. For each of the following rectangles, multiply the length by the width to find the area needing paint.

1. Tim wants to paint one side of a door that is $6\frac{1}{4}$ feet tall and 3 feet wide. What is the area of the door?

   _____

2. Tim wants to paint a tabletop that is $6\frac{2}{3}$ feet by $3\frac{3}{4}$ feet. What is the area of the tabletop?

   _____

3. Tim wants to paint a sign with dimensions of 20 inches by $14\frac{1}{2}$ inches. What is the area of the sign?

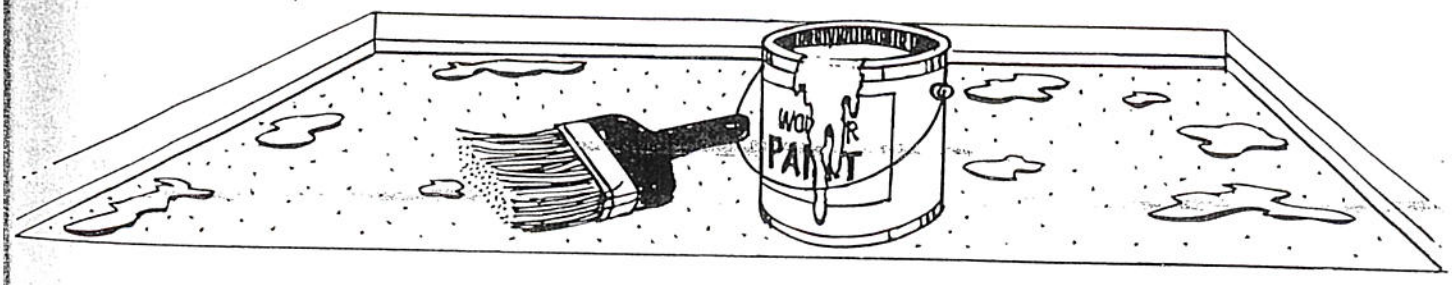
   _____

4. Tim wants to paint a shelf in his bedroom. The top of the shelf measures $\frac{3}{4}$ foot by $2\frac{2}{3}$ feet. If he paints the top and the bottom of the shelf, what is the total area to be painted?

   _____

5. Tim wants to paint the ceiling in his bedroom. The room is rectangular in shape. The length of the room is $13\frac{1}{2}$ feet and the width is $10\frac{2}{3}$ feet. What is the area of the ceiling to be painted?

   _____



Demonstrate multiplication of fractions including mixed numbers

Store Sales

Name _____

Solve each problem.

1. One case of chips comes with 48 little bags inside. The case costs the store $16.80. How much did each bag cost?

   _____

   If the store sells a case of chips for $24.00, how much profit will the store make on each bag?

   _____

2. One box of peanuts comes with 24 bags inside. The box costs $8.16. How much did each bag cost?

   _____

   If the store sells a box of peanuts for $12.00, how much profit will the store make on each bag?

   _____

3. A case of soda has 24 cans or 4 six-packs. One case of orange soda costs $7.44. A six-pack of orange soda costs $1.92. Which is the better price per soda?

   _____

   How much could be saved by buying 24 cans of the better-priced soda?

   _____

Demonstrate division of decimals to the thousandths as divisors