1. Mrs. Davis is ordering cake for the 5th grade end of the year party. She plans to order 5 cakes. She wants to cut equivalent slices from each cake that represent 1/12 of the cake. How many pieces of cake can be cut from the 5 cakes? If there are 58 5th graders, will everyone be able to get one piece?
2. Mrs. Poillucci is re-carpeting two rooms in her house. The living room is 25 feet by 30 feet and her bedroom is 20 feet wide by 35 feet long. Calculate the area of each room. If the carpet is sold at a price of $9 per square foot, how much will *each* room cost to re-carpet? How much will all of the carpet cost together?
3. I plan on only making ¾ of a recipe. The original recipe calls for 2 cups of butter, 3 ¼ ounces of vanilla, and 4 ½ cups of flour. How much of each ingredient will I need to make the recipe? Be sure to I include an expression for finding the amount needed of each ingredient.
4. Maria had of her birthday cake left over. She wanted to share the cake equally among 6 people. She used multiplication to solve the following division problem:

 ÷ 6 = ?

Which equation did she use?

* 1. 6 x = ?

 b) x 6 = ?

 c) 6 x ? =

 d) x ? = 6

1. The dance floor is 150 square feet. If the length is twice the width and the width is 1/5 the area of the floor, what is the perimeter of the dance floor?
2. The driveway is 25 feet long by 32 feet wide. How many square inches is the driveway?
3. Complete the following statements based on the product of x .

 The product is less than because \_\_\_\_\_\_ \_\_\_\_\_\_\_

The product is less than \_\_\_\_\_ because \_\_\_\_\_\_ < \_\_\_\_\_\_