

INTRODUCTION TO MULTIPLYING FRACTIONS

Name: _____ Class: _____ Due Date: _____

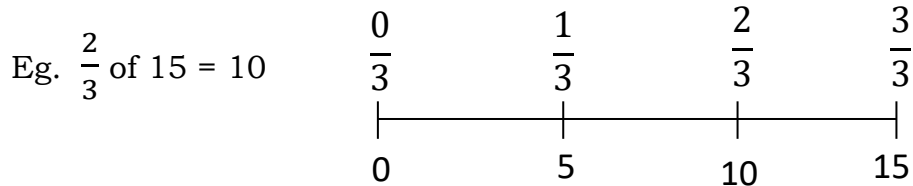
Family Member Signature: _____

Objective:

To practice the multiplication of fractions in a real life situation.

To practice finding parts of whole numbers.

Necessary Information:



Practice Section:

Here is a recipe for Banana Muffins

- 1 banana, mashed
- $\frac{1}{4}$ cup of white sugar
- $\frac{1}{2}$ cup mayonnaise
- Chocolate chips/raisins/nuts to taste
- $\frac{1}{2}$ cup of white flour
- 2 tsp baking powder

Mash the banana and stir in the sugar and mayonnaise. Stir in the dry ingredients and bake in a 350°F oven for 15 – 20 minutes.

1. How much of each ingredient would you need if you:

	Banana	Sugar	Mayo	Flour	Powder
Double the recipe					
Half the recipe					
Triple the recipe					

a. If you doubled the recipe, would you double the baking time of 15-20 minutes? Explain.

2. Answer the following.

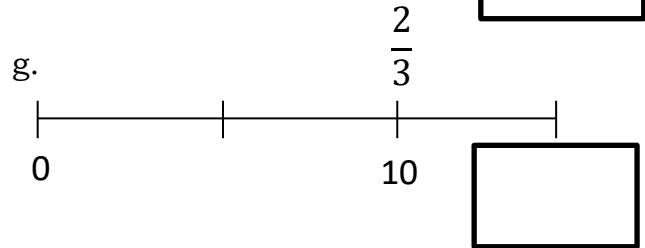
a. $\frac{1}{2} \times 14 =$

e. $\frac{2}{3}$ of 24 =

b. $\frac{1}{4} \times 20 =$



c. 12 groups of $\frac{1}{2} =$



d. $\frac{3}{4}$ of 8 =

h. $2\frac{1}{2}$ groups of 4 =

In Your Real World:

Use a favorite recipe or one that you found on-line or in a cookbook. Double the amounts so that you'd have enough for a party or family gathering. Write **three** original amounts and their doubled equivalents below.

Ingredient	Original Amount	Doubled Equivalent