

Kitchen Conversions

Name: _____

Conversion Chart

1,000 gram = 1 kilogram

1,000 milliliters = 1 liter

12 eggs = 1 dozen

Use the conversion chart and recipe to answer the following questions.

Muffin Recipe:

300 grams flour

100 grams of sugar

10 grams of baking soda

200 milliliters of milk

3 eggs

Makes 10 muffins

1. **Chef wants to make 100 muffins. Write the recipe for the new total (100) to reflect how much he needs of each ingredient.** The current recipe is for 10 muffins. To make 100 muffins each ingredient must be multiplied by 10.

To make 100 Muffins the recipe would read:

_____ grams of flour 10 = _____ grams of flour

_____ grams of sugar 10 = _____ grams of sugar

_____ grams of baking soda 10 = _____ grams of baking soda

_____ milliliters of milk 10 = _____ milliliters of milk

_____ eggs 10 = _____ eggs

Extra challenge question: How would you convert the first 3 answers to kilograms?

2. **If Chef has 3 dozen eggs, does he have enough eggs to make all 100 muffins? Show your work. Hint a dozen = 12.**

3 (dozen eggs) x _____ = _____ total eggs

Number of eggs needed for 100 muffins (from problem #1)? _____

Does chef have enough eggs to make 100 muffins? _____