

Recipe Card Ingredients: Part 2

Adding and Subtracting Mixed Numbers

- Use your new recipe cards from the assignment, Recipe Card Ingredients: Part 1, to find the total amount of each ingredient needed for the Banana Bread Recipe (Recipe 1), the Chocolate Chip Cookie Recipe (Recipe 2), and the Sugar Cookie Recipe (Recipe 3). Use the table below to help you. Fractional parts of food items are okay for this project. Example: $\frac{1}{2}$ an egg or $\frac{1}{16}$ tsp of salt

Ingredient	Recipe 1 + 2 + 3 (Don't forget to find common denominators before adding.)	Total needed (Be sure to simplify any fractions.)
Flour		
Brown Sugar		
White Sugar		
Granulated Sugar		
Butter		
Vanilla Extract		
Baking Soda		
Eggs		
Salt		
Chocolate Chips		
Chopped Nuts		
Bananas		

- When taking inventory in the pantry, you found that you already have some of the ingredients. Use the following table to organize your work. Don't forget common denominators.

Example: If you need 5 eggs and you already have 2 in your pantry, how many do you need to buy? If you need 5 cups of flour and you already have $3\frac{1}{2}$ cups in your pantry, how much do you need to buy?

Ingredient	Total needed from above	Already in Pantry	Needs to be purchased
Eggs	5 eggs	2 eggs	3 eggs
Flour	$5\frac{1}{2}$ cups	$3\frac{1}{4}$ cups	$2\frac{1}{4}$ cups

Use the same method to solve for your ingredients. Don't forget to use common denominators when subtracting fractions.

Ingredient	Total needed from above	Already in Pantry	Needs to be purchased
Flour		3 $\frac{1}{2}$ cups	
Brown Sugar		1 $\frac{1}{2}$ cups	
White Sugar		$\frac{1}{16}$ cup	
Granulated Sugar		$\frac{1}{4}$ cup	
Butter		$\frac{3}{4}$ cup	
Vanilla		$\frac{3}{4}$ teaspoon	
Baking Soda		1 $\frac{1}{2}$ teaspoons	
Eggs		2 eggs	
Salt		1 teaspoon	

This lesson was taken and adapted from:

http://www.montereyinstitute.org/courses/DevelopmentalMath/U02PROJECT_RESOURCE/index.html?bypassrewrite=true