

Name:	Class:	

Divide fractions by whole numbers in recipes.

1. From the list of ingredients below, what quantity of each ingredient would you need to make a fourth of the original recipe?

Banana cake: ingredients

2 1 cups all-purpose flour
1 tablespoon baking soda
1 pinch salt
2 eggs
1 cup unsalted butter
2 cup chopped walnuts
2 top buttermilk
3 cup buttermilk





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From the list of ingredients below, what need to make a fourth of the original rec	
Banana cake: ingredients	
2 1 cups all-purpose flour 1 tablespoon baking soda 1 pinch salt 1 cup unsalted butter 2 1 cup chopped walnuts 2	1 cup white sugar 3 cup light brown sugar 2 eggs 4 ripe bananas, mashed 1 cup buttermilk
The original recipe calls for $2\frac{1}{2}$ cups all-pu of $2\frac{1}{2}$ cups all-purpose flour, divide $2\frac{1}{2}$	prose flour. So if you want to make a fourth by 4
$2\frac{1}{2} \div 4 = 2\frac{1}{2} \div \frac{4}{1} = 2\frac{1}{2} \times .$	$\frac{1}{4} = \frac{(2 \times 2 + 1)}{2} \times \frac{1}{4} = \frac{5}{2} \times \frac{1}{4}$
$=$ $\frac{5x1}{2x4}$ $=$ $\frac{5}{8}$ Therefore, you'll need of the original recipe	5 cups all-purpose flour to make a fourth
As we can see, we have to divide all the them by _1	quantities by 4, which means to multiply
So, the ingredients for the fourth of the	original recipe of banana cake is :
5 cups all-purpose flour	
1 tablespoon baking soda	3 cup light brown sugar
1 pinch salt	1 eggs
1 cup unsalted butter	1 ripe bananas, mashed
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