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Divide fractions by whole numbers in recipes.

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mathskills4kids

cup chopped walnuts

8

Name:	Class:
Divide fractions by whol	le numbers in recipes.
From the list of ingredients below, what oneed to make a fourth of the original recipendance 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 cup light brown sugar 2 eggs 4 ripe bananas, mashed 1 cup buttermilk
The original recipe calls for $2\frac{1}{2}$ cups all-pur of $2\frac{1}{2}$ cups all-purpose flour, divide $2\frac{1}{2}$ b	
$2\frac{1}{2} \div 4 = 2\frac{1}{2} \div 4 = 2\frac{1}{2} \times \frac{1}{2}$	$\frac{1}{4} = \frac{(2 \times 2 + 1)}{2} \times \frac{1}{4} = \frac{5}{2} \times \frac{1}{4}$
= 5x1 = 5 Therefore, you'll need 5 2x4 8 of the original recipe	cups all-purpose flour to make a fourth
As we can see, we have to divide all the quantity them by _1	quantities by 4, which means to multiply
So, the ingredients for the fourth of the o	riginal recipe of banana cake is :
5 cups all-purpose flour	1 cup white sugar
1 tablespoon baking soda	3 cup light brown sugar
1 pinch salt	1 eggs
1 cup unsalted butter	1 ripe bananas, mashed

 $\frac{1}{3}$ cup buttermilk