

Name:

Class:



Adding and subtracting fractions with like denominators in recipes

1. Rita wants to make some rice and chicken marinade for dinner. Study the recipe she used below and answer the given question.

Chicken marinade

$-\frac{1}{2}$ cup olive oil.	$-\frac{1}{2}$ teaspoon ground black pepper.	- 1 Whole chicken.
$-\frac{1}{2}$ teaspoon paprika.	$-\frac{1}{2}$ teaspoon cumin.	- 1 teaspoon sea salt.

If Rita mix the ground black peper and paprika all together, How many tablespoons will there be in all?

2. Charles wants to make some banana bread. Study the recipe he used and answer the question below.

Banana bread

$-\frac{1}{3}$ cup melted butter.	$-\frac{3}{4}$ teaspoon vanilla.	- 3 bananas.
$-\frac{2}{3}$ cup sugar.	$-\frac{1}{4}$ teaspoon baking soda.	- $1\frac{1}{2}$ cups flour.

How much more tablespoons of vanilla does he need than baking soda?



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If Rita mix the ground black peper and paprika all together, How many tablespoons will there be in all?

Let's start by adding the amounts of both ingridients mixed together.

$$\frac{1}{2} + \frac{1}{2} = 1 \text{ teaspoon.}$$

But we know that,

3 teaspoons = 1 tablespoon.

So, 1 teaspoon = $\frac{1}{3}$ tablespoon.

Therefore, there will be $\frac{1}{3}$ tablespoon in all.

2. Charles wants to make some banana bread. Study the recipe he used and answer the question below.

Banana bread

$-\frac{1}{3}$ cup melted butter.	$-\frac{3}{4}$ teaspoon vanilla.	- 3 bananas.
$-\frac{2}{3}$ cup sugar.	$-\frac{1}{4}$ teaspoon baking soda.	$-1\frac{1}{2}$ cups flour.

How much more tablespoons of vanilla does he need than baking soda?

To know the amount of more vanilla needed than baking soda,

we need to subtract the amount of baking soda from that of vanilla.

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4} = \frac{1}{2} \text{ teaspoon}$$

But we know that, 3 teaspoons = 1 tablespoon.

So, $\frac{1}{2}$ teaspoon = $\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$ tablespoon.

So, $\frac{1}{6}$ tablespoon more vanilla is needed than baking soda.

