

# More Adding and Subtracting Fractions

Use what you know about adding and subtracting fractions to solve problems.

Carla wants to make a Veggie Toss using eggplant, green peppers, spring onions, and mushrooms. Besides the eggplant, how many pounds of the other ingredients does she need in all?

Use data from the recipe.

**Step 1:** Find the amount of green peppers and spring onions.  $\frac{1}{3}$  and  $\frac{1}{4}$

**Step 2:** To add these amounts, find a common denominator for both fractions and rewrite each fraction with that denominator.

$$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

**Step 3:** Add the amount of mushrooms to the sum from Step 2. Remember to rewrite the addends with a common denominator.

$$\frac{7}{12} + \frac{3}{8} = \frac{14}{24} + \frac{9}{24} = \frac{23}{24}$$

Carla needs  $\frac{23}{24}$  pound of the other veggies in all.

## Veggie Toss Recipe

Eggplant	$\frac{3}{4}$ pound (lb)
Green peppers	$\frac{1}{3}$ pound (lb)
Spring onions	$\frac{1}{4}$ pound (lb)
Mushrooms	$\frac{3}{8}$ pound (lb)

Chop all ingredients to desired size. Toss eggplant with spring onions in olive oil. Add green peppers and saute for 5 minutes. Add mushrooms. Stir. Cover. Simmer over medium low heat until cooked.

For **1** through **3**, use the Veggie Toss Recipe.

- Suppose you wanted to make a Veggie Toss using spring onions and mushrooms. How many pounds of ingredients do you need? \_\_\_\_\_
- How much more eggplant than mushrooms does the recipe call for? \_\_\_\_\_
- How much more eggplant does the recipe call for than green peppers and spring onions combined? Show your work.  
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