

## Sugar and Spice

George is baking apple cinnamon muffins. Use the recipe card to answer the questions.

### Apple Cinnamon Muffins

$1\frac{1}{2}$  cups flour

$\frac{3}{4}$  teaspoon nutmeg

$\frac{3}{4}$  cup white sugar

$\frac{1}{4}$  cup vegetable oil

2 teaspoons baking powder

$\frac{3}{8}$  cup milk

$\frac{1}{2}$  teaspoon salt

$1\frac{1}{4}$  cups chopped apples

$1\frac{3}{8}$  teaspoons cinnamon

1 egg

1. George uses the recipe to make muffins. Estimate the total amount of cinnamon and nutmeg he uses. Describe how you made your estimate.

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2. How much more cinnamon than nutmeg does George use? Show your work.

3. George puts the chopped apples in a bowl. Then he takes out  $\frac{1}{2}$  cup of the apples, and adds the oil. What is the combined amount of apple and oil in the bowl? Show your work.

4. The table shows the cups of milk George needs to make different numbers of batches of muffins.

Number of Batches	1	2	3	4
Cups of Milk	$\frac{3}{8}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$

If the pattern continues, how many cups of milk does George need to make 6 batches of muffins? Explain how you found your answer.

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