

Math Mondays
November 18, 2024
3rd – 5th Grade

Sherrie's Pumpkin Bread

Every Thanksgiving, we gather at Mom and Dad's house to celebrate with our loved ones. One of the highlights is always Mom's pumpkin bread, which is absolutely delightful topped with whipped cream. Review Sherrie's Pumpkin Bread recipe, and then respond to the questions below.

Sherrie's Pumpkin Bread Recipe for 1 Loaf:

Prep Time: 15 min	Cook Time: 1 hour 30 minutes	Servings: 12
-----------------------------	--	------------------------

Ingredients:

- 1 ½ cups unsifted all-purpose flour
- 1 ½ cups white sugar
- 1 teaspoon baking soda
- ¾ teaspoon salt
- ½ teaspoon ground cinnamon
- ½ teaspoon ground nutmeg
- ½ teaspoon ground cloves
- ¼ teaspoon baking powder
- ¼ teaspoon ground ginger (Optional)
- 1 cup pumpkin purée
- ½ cup vegetable oil
- 2 eggs, beaten
- 1 cup chopped walnuts



Directions:

1. Preheat the oven to 350 degrees F (175 degrees C). Grease a 9x5-inch loaf pan.
2. Combine flour, sugar, baking soda, salt, cinnamon, nutmeg, cloves, baking powder, and ginger in a large bowl. Make a well in the center; add pumpkin purée, oil, and eggs. Stir well, then fold in walnuts. Pour batter into the prepared loaf pan.
3. Bake in the preheated oven until a toothpick inserted into the center comes out clean, about 90 minutes.

3rd Grade:

Tonya is making Sherrie’s Pumpkin Bread. She needs to make several loaves for her party. Complete the table to tell how much of each ingredient Tonya needs to make each number of loaves of Pumpkin Bread.

Ingredient	Amount Needed for 1 Loaf	Amount Needed for 2 Loaves	Amount Needed for 5 Loaves
Pumpkin Puree			
Eggs			
Cinnamon			

4th Grade:

This year, there will be 26 guests at Thanksgiving Dinner. Sherrie has 4 cups of flour and 2 cups of vegetable oil. Determine if she has sufficient amounts of each ingredient to prepare enough Pumpkin Loaves so that everyone can have one serving. In your response, specify how much more she needs or how much extra she has of each ingredient. Use words and numbers to support your answer.

5th Grade:

Sherrie is also making her pumpkin bread for a community dinner that will host 60 people. Table 1 lists the ingredients she currently has in her pantry.

Table 1: Ingredients she has in her pantry:

Ingredient	Amount in Sherrie's Pantry
unsifted all-purpose flour	8 cups
white sugar	7 cups
baking soda	6 tsp
salt	3 tsp
ground cinnamon	2¼ tsp
ground nutmeg	2½ tsp
ground cloves	2 tsp
baking powder	1 ³ / ₈ tsp
ground ginger	1¼ tsp
pumpkin purée	4 cups
vegetable oil	2 cups
eggs	12
chopped walnuts	6 cups

Sherrie needs your assistance to find out which ingredient(s) she needs to buy more of to ensure she can make enough pumpkin bread for the dinner. Please create a grocery list detailing which ingredients she needs to purchase, and the additional amounts required. Use words and numbers of support your answer.
