

Worksheet: Fractions and Cooking Recipes

Activity 1: Cookies

Recipe:

- 1/2 cup sugar
- 1 cup of butter
- 1/4 cup milk
- 2 1/2 cups flour

Questions:

1. If we want to double the recipe, how much sugar will we need?
 2. If we only want to make half the amount, how much butter will we need?
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Activity 2: Cake

Recipe:

- 1 1/2 cups flour
- 1/2 cup cocoa
- 2/3 cup sugar
- 1 1/4 cups milk

Questions:

1. How much cocoa will we need if we triple the recipe?
 2. How much sugar will we need if we make 1/3 of the recipe?
 3. How much flour will we need if we make 2 identical cakes?
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Activity 3: Pizza

Recipe:

- 1 cup grated tomato
- 1 1/2 cups cheese
- 2 cups of flour
- 1/4 cup olive oil

Questions:

1. How many tomatoes will we need if we make half the amount?
2. How much cheese will we need if we make double the amount?
3. How much flour will we need if we make 4 pizzas?

Instructions:

1. Read each recipe carefully.
2. Answer the questions by calculating the fractions.
3. Write your answers on the paper and check them with your teacher.

Source: "Prescriptions and Fractions in Education", Mathematics Publications, 2020