Unit 3, Lesson 20

Recipes and Fractions

Let's learn about how fractions relate to recipes.

Warm-up

Notice and Wonder: Baked Goods

What do you notice? What do you wonder?



Activity 1

What's in a Recipe?

1. What kinds of information are provided in recipes?

2. What kinds of mathematical questions can be asked about a recipe?

Activity 2

Noah's Recipe Challenge

Noah wants to make banana bread using this recipe. He only has a $\frac{1}{4}$ cup measuring cup and $\frac{1}{2}$ tsp. How can Noah make this recipe using these 2 measuring tools? Show your thinking using drawings or equations.

- 2–3 bananas
- $\frac{1}{2}$ cup butter
- $\frac{1}{2}$ teaspoon baking soda
- $\frac{1}{4}$ teaspoon salt
- $\frac{3}{4}$ cup brown sugar
- 2 eggs
- 1 teaspoon vanilla
- 2 cups flour