

Gabrielle Proves She Can Cook¹

By Louise Martinez-Ortiz

Learning to cook is a rite-of-passage in my family. At the age of 15, my mom taught me how to make tortillas and that became my summer job. It was important to me that both my daughter and my son learn to cook at an early age.

My daughter Gabrielle learned to cook with Nana, her grandmother. Nana was such a good cook that she rarely measured ingredients. However, Gabrielle found an old torn book where Nana kept her favorite recipes and she decided to make something from the book for a family Christmas Eve gathering.

Gabrielle can make pumpkin pie, but she doesn't care much for pumpkin pie. Tortillas are too easy. She wants to make something good but something that is a challenge to make. Here are many of the ingredients for 2 recipes that she chooses.

Empanaditas

4½ cups flour
1 tablespoon lard
1½ teaspoon salt
1 tablespoon baking powder
1 jar mincemeat
1 cup pinon nuts
¾ cup sugar

Bread

5 cups flour
1 teaspoon salt
1¾ tablespoon sugar
1 pkg. Yeast

First, Gabrielle needs to figure out if she has all of the ingredients.

Help her by completing this table with the name of the recipe in the left column and the different ingredients across the top.

Name Of Recipe								
Empanadas								
Bread								

Enter the amount of each ingredient in the correct row and column in the table above.

Gabrielle has a big family including aunts, uncles and cousins. And they like to E A T! She decides she needs to triple each recipe.

¹ Suggested Grades: 4 – 6 Skills: Create a table, enter data, multiply and add integers, fractions and mixed numbers & equivalent fractions. 4.NF.A.1 & 4.NF.B.3.A

Recreate the table above but enter 3 times the ingredients in each cell.

Triple the Ingredients

Name Of Recipe								
Empanadas								
Bread								

Gabrielle is studying decimals and fractions in school. She decides to convert all the measurements in this last table where everything is tripled into decimal numbers.

Create the table again but change all of the numbers in the prior table into decimal numbers.

Triple the Ingredients but write Using Decimal Numbers

Name Of Recipe								
Empanadas								
Bread								

Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$ by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size.

Use this principle to write equivalent fractions for each of the following:

Write 2 Equivalent Fractions for Each Fraction Below

$\frac{1}{2} =$

$\frac{3}{4} =$

$\frac{4}{5} =$