

Fraction Conversions

Use the recipe below. Tell your students that they are in charge of making 120 cookies for the school party. Use your TI-73 Explorer™ and knowledge about fractions to make the changes to the recipe so that you have enough dough to make 120 cookies.



Peanut Butter Chocolate Chunk Cookies

Ingredients: Recipe makes 2 dozen

- 1 1/4 cups butter
- 3/4 cup peanut butter
- 2/3 cup white sugar
- 1/2 cup brown sugar
- 2 eggs
- 1/8 teaspoon salt
- 1 1/2 teaspoons vanilla
- 1 teaspoon baking soda
- 2 cups flour
- 12-ounce package of chocolate chips

How much butter will you need to make the dough?

How many cookies will you have left over?

120-24
96/24
5
4

20
4
5

20
4
5

1
4
Simp 4
0.25