

The Case of Sweet Proportions

In class, you studied how proportions and formulas are used to help you figure out unknown quantities. In this worksheet, you will see how they can be the difference between a scrumptious snack or a nasty nibble!

Assume you're going to prepare one of your most delicious recipes, coconut squares, for your whole class to savor. Your recipe is written for 12 servings, but you realize you'll need enough to serve 32 people.

How do you proceed to make sure you'll keep your recipe delicious?



Here's your recipe:

Coconut Squares

5/8 cup butter or margarine

3/8 cup sugar

1 1/4 cups unbleached flour

2 1/2 tablespoons whipping cream

1 3/4 cups chopped almonds

1 1/2 cups coconut flakes

4 squares semisweet chocolate

Makes 12 servings

WORK THE MATH

How much of each ingredient should you use to make 32 squares?

Ingredient	Amount
butter or margarine:	
sugar:	
unbleached flour:	
whipping cream:	
chopped almonds:	
coconut flakes:	
semisweet chocolate:	

NOW TRY THIS:

If you want to make a batch of coconut squares that would serve eight, how much of each ingredient would you use?