

Name: _____
Period: _____
Date: _____

Chocolate Chip Cookie Conundrum!

1. ***What ratio will you use to to convert from the small recipe to the new recipe?***
Because Mr. Fujii was trying to make 2 cookies for each of his 162 students, I know that he will need to make ____ cookies. The recipe originally makes 5 dozen, or ____ cookies. I used these two numbers to write a ratio (conversion factor/constant of proportionality) of ____.
2. ***Rewrite the recipe:*** I used my ratio (conversion factor/constant of proportionality) to determine that I will need ____ cups of flour, ____ tsp. baking soda, I started by finding a ratio (conversion factor/constant of proportionality), then multiplying
3. ***Calculate the minimum volume (in cups) of your mixing bowl:*** First, I converted all of my teaspoon measurements... Then I... I found that my mixing bowl must hold a minimum of ____ cups in order to hold all of my ingredients.
4. ***See all work and calculations on the attached page.***