



Adjusting a Recipe Project

1. Find a simple recipe in a recipe book or on the internet with at least four fractions in the ingredients list. Write the original recipe.
2. Rewrite the recipe for twice as many people. Show your work and explain your strategy.
3. Rewrite the recipe for half as many people. Show your work and explain your strategy.
4. Explain how you would adjust your recipe to feed everyone in our class (don't forget the teacher!) If the quantity served is not given, estimate how many it will serve and explain what you would do to have enough for us all.
5. Use correct spelling.
6. Present your information in a CREATIVE way.
7. Optional - Make the recipe and bring the results to our Fraction Feast on _____!

Sample Recipe: EASY SUGAR COOKIES (Makes 12)

Ingredients:

- $\frac{2}{3}$ cup flour
- $\frac{1}{4}$ teaspoon baking soda
- $\frac{1}{8}$ teaspoon baking powder
- $\frac{1}{4}$ cup butter, softened
- $\frac{1}{4}$ cup white sugar
- 1 small egg
- $\frac{1}{4}$ teaspoon vanilla extract

Directions: Preheat oven to 375 degrees F (190 degrees C). In a small bowl, stir together flour, baking soda, and baking powder. Set aside. In a large bowl, cream together the butter and sugar until smooth. Beat in egg and vanilla. Gradually blend in the dry ingredients. Roll rounded teaspoonfuls of dough into balls, and place onto ungreased cookie sheets. Bake 8 to 10 minutes in the preheated oven, or until golden. Let stand on cookie sheet two minutes before removing to cool on wire racks.

Adjusting a Recipe Rubric

Name:

Date:

Requirements	4	3	2	1
Show Your Work	All calculations are shown and completed accurately	All calculations are shown but include 1-2 errors	Some work is shown or calculations include several errors	Work is not shown or calculations include many errors
Strategy	Problem solved using efficient strategy	Problem solved using appropriate strategy	Used strategy that was partially useful, but did not lead to a full solution	Inappropriate strategy used
Explanation	Explanation is very clear and logical	Explanation is clear and logical	Some parts of the explanation are clear	Explanation is unclear or is not included
Writing Conventions <ul style="list-style-type: none"> • spelling • punctuation • capitalization • grammar • paragraphing 	Strong grasp of all standard writing conventions evident	Strong grasp of standard writing conventions evident. Some minor errors that do not impair readability.	Basic grasp of standard writing conventions evident. Errors impair readability.	Minimal grasp of standard writing conventions apparent. Numerous errors distract or confuse reader.
Presentation	Project is presented in a very organized, creative and effective way	Project is presented in an organized, creative and effective way	Some parts of the project are presented in an organized, creative or effective way	Project is not presented in an organized, creative or effective way

Total: 16