



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 Project 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 mathematical errors	Some work is shown <u>or</u> calculations include 2-3 mathematical errors	Work is not shown <u>or</u> calculations include more than 3 mathematical errors
Strategy	Problem solved using efficient strategy	Problem solved using appropriate strategy	Used strategy that was partially useful, but did not lead to full solution	Inappropriate strategy used
Explanation	Explanation is very clear.	Explanation is reasonably clear	Some parts of explanation are clear	Explanation is unclear
Spelling	Project contains no spelling errors	Project contains 1-3 spelling errors	Project contains 4-5 spelling errors	Project contains more than 5 spelling errors
Presentation	Project is presented in a very creative and effective way	Project is presented in a creative and effective way	Some parts of the project are presented in a creative or effective way	Project is not presented in a creative or effective way

Total: /20