

Quarter 1: Fraction Project

Name _____ Date _____

Making a Recipe Booklet Applying Mathematical Skills to Real Life Situations

Materials Needed:

Recipe books, magazines, newspapers, construction paper, drawing paper, pencils, glue, colored pencils, scissors, markers, crayons, stapler, yarn, hole punch, brads

Directions:

1. Find three recipes (your choice) from magazines, newspapers, or recipe books (you can cut these out, print them, or hand write them). **Each recipe must contain at least one whole number, one mixed number, and one fraction.**
2. Copy or cut out the complete recipes, including the ingredients and the directions.
3. For each recipe, cut out or draw pictures of the ingredients and/or of the finished recipe.
4. You will need to double one of your recipes, multiply one by 1 and $\frac{1}{2}$ and, half one of them.
5. Take the recipe that you have decided to double. Glue the original recipe to a piece of construction paper or whatever is being used as the page of your book. At the bottom of the page, write ***Doubled***.
6. Recopy the ingredients of this recipe with the new doubled amount. (To double a recipe, multiply by 2) Remember to double the number of servings (if this amount is stated on the original recipe).
7. Add the appropriate pictures to this page.
8. On a new sheet of construction paper, glue the second recipe that you have decided to 1 $\frac{1}{2}$. At the bottom of the page, write ***1 $\frac{1}{2}$*** .
9. Recopy these ingredients with the new, 1 $\frac{1}{2}$ amounts. (To multiply by 1 $\frac{1}{2}$ don't forget to change into an improper fraction before multiplying) Also give the new amount of servings.
10. Decorate this page with the pictures you chose for this recipe.
11. Glue the third recipe to another sheet of construction paper. Write ***halved*** on the bottom of the page.
12. Recopy the ingredients, with each amount halved. (To half a recipe, multiply the amounts by $\frac{1}{2}$) Include the new serving amount.
13. Decorate the page with the pictures selected for this recipe.

14. Create a “cover page” for your recipe book. This page should have a title, a cover illustration, and your name on it.
15. Put your pages together to make a booklet. You may staple it, use yarn or brads to bind it together.
16. Complete your book by adding “extras” that would be found in a real recipe book. The extras are up to you, so take advantage of the opportunity to be creative: fanciful page numbers, a dedication, a measurement conversion page, a few “approach to cooking tips”, etc.
17. Please make sure that it looks nice. Take pride in your work.
18. I will give bonus points for creativity and extra recipe work etc...

Grading Rubric

What is needed	What it is worth	What you got
3 recipes, each containing a fraction, a mixed number, and a whole number	30 points	
1 st Recipe doubled correctly	10 points	
2 nd Recipe 1 1/2 correctly	10 points	
3 rd Recipe halved correctly	10 points	
Pictures added to each recipe page(5 points per page)	15 points	
Title for your book and your name	10 points	
Something extra added	5 points	
Neat	5 points	
Turned in on time	5 points	
Total of possible points for project Due on October 10	100 points	