



Mr. Worland's Winter Project

Introduction

This project comes from a real life situation. When I was the Dietary supervisor at a Hospital, the director of the Food Service Department came to me and asked if I would like to organize the Christmas party one year. I told her it sounds like fun. She told me "Great, I am glad that you are so enthused. By the way, there will be around 800 people to be served." After my heart started beating again I got to work and set up a menu, found out the food costs and arraigned for the food to be cooked and served. It was a great success!

Your task will be to do the same thing for only one part of the meal. You are going to pick a recipe, figure out how to make it for 800 people, find the costs and graph it.



The Task

For this assignment you are the assistant cook of a restaurant. Your restaurant has been hired to cater the food for a gala event honoring the early days of the USA. You have been given the assignment of making a course for this banquet. A course could be a soup, salad, main course or dessert.

Here are the things that you are to do for this assignment:

- There will be at least 750 people there, so you must make enough for 800 servings of your course.
- You must find a recipe that has at least six ingredients.
- You will receive a bonus if your recipe is from Early American history.
- You will document where your recipe came from in correct notation form.
- You will write out the recipe in the correct amounts to make 800 servings.
- You will research the cost of the ingredients and give the amount of money that it will cost to make your recipe for a single serving.
- You will use that single serving to make an equation, use that equation to make a function table and then graph the equation.
- You will document the source of your prices for the food.
- Extra Credit if you make the recipe at the ORIGINAL size. **NOT FOR 800.** This is for the enjoyment of your family, so please do not bring me a sample.





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The Process

1. You will find a recipe that you want to make. The recipe can be a soup, salad, main course or dessert. The recipe must have at least 6 ingredients. Some sources of recipes are cook books that you have at home, go to the library, get a recipe from a family member or find one on the Web. You must use proper citation method for indicating the source of the recipe. Use your English book to find the correct bibliography form.

Here are some resources:

Allrecipes.com
Arielle's Recipe Archives
Historic American Recipes
Epicurious.com

2. You will copy the recipe at the original amounts. Write the amounts that you need and the order that the ingredients. (See the Example Sheet)

3. You will figure out the amounts that you will need to feed 800 people. There are books that can help you figure out how to calculate the amounts that you need or you can go to the following sites for help:

- Cooking Measurement Equivalents
Cooking Measures and Conversion Calculator

4. You will need to figure out the costs of the recipe at the original amount and figure out the cost per person at the original amount. You can do this by either taking the recipe with you to the store and finding out what the price is of the food you need for the recipe or you can go to an internet site to find the prices. You must tell me the date and the location from which you got the prices.

- Vons.com
- Netgrocer.com

5. You need to take the prices for the food that you found and figure out the price that you need for that item for one serving. You can go to the sample page to see an example of how it is done.

You can get 10 points of extra credit if you try to make the recipe at the original amount. **DO NOT MAKE 800!!!** Print out and have your parent sign the "I Made It" form.

Algebra Only: 6. You need to write an equation for finding the cost of a serving for that recipe at any size. Then you will make a function table for that recipe for 100, 200, 300, 400, 500, 600, 700, and 800 people. You will then graph the function table using a line graph. Again you can see the Example page for a sample recipe and paper. Please also write your formula in Slope intercept and Standard Form (see the Example Page)