



Planning a Party!

Today you will be planning a make-believe party. The theme of your party can be anything you choose.

You will need to plan a party for 10 people, that includes you. You have a budget of \$75.00. Listed below are your expectations.

1. Access online Party City Store <https://www.partycity.com/party-supplies> and pick out the supplies you will need to have a fantastic party. Think about what is needed for a party to be successful. You'll need to make sure you cover everything, and still stay within budget.
2. You will need to create a small 8 1/2 X 11 poster advertising your party. On that poster you must draw a picture of every item you plan on having at the party as well as the time and date of your party. Be as creative as you like. You may take a photo of your finished poster and email it to me.
3. Separate from your poster, you will need to keep a running list of every item you will buy. Next to each item you must write down the cost. This will need to be done a separate sheet of paper (NOT the poster). This will be put up next to the poster to show your work (It must be done neatly). After you have written every item and its cost, you will need to figure out the total amount you spent. Once you have that on the sheet, you will need to determine how much change you will be getting back from your \$75.
4. After you have planned your entire party and completed the poster complete the following steps with. On an addition sheet of paper do the following calculations. Write each number and show your work next to each number.
 1. Write total amount spent and amount of money left over.
 2. List the cost of every item you bought in order from greatest to least.
 3. Subtract the smallest item's price from the greatest item's price. and provide me with that difference. Write equation and show your work.
 4. Determine the total number of items you bought and multiply that by 349.
 5. Once you have that product from your multiplication problem, divide that product by the number 38.
 6. If you had to get rid of three items, tell me which items you would get rid of, why, and what your NEW total would be as well as your new amount of change you would be receiving
 7. About how many total items are you planning to buy for your party? What if you were to increase that 17 times? Write the equation and show your work.
 8. Is your total number of items a prime number or composite number?

Once you have completed the above items, share with a family member that can verify your answers.

I am sure your planned party would be a success if you could have it!

