**The Real number Complex System**

1) Victor recycled the cans he had collected and earned himself fifty-one dollars and ninety-six cents. How would you write the amount he earned as a number?

2) Last year the owner of a pizza store made sixty-eight thousand, eight hundred nine dollars and fifty-three cents. How would you write that amount as a numeral?

3. Using the values you wrote for #1 and #2, find their sum.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Round the sum you found in #3 to the nearest whole amount.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Find the quotient of (the answer from) #4 and 6\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

6. Use the quotient from # 6 to find the sum of it (the quotient) and ( -11480)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7a. What is the product of #6 and (- 3)\_\_\_\_\_\_\_\_\_\_\_\_\_

7b. What is the product of #6 and (3)\_\_\_\_\_\_\_\_\_\_\_\_\_

7c. What is the product of #6 and (-)\_\_\_\_\_\_\_\_\_\_\_\_\_

7d. What is the product of #6 and ()\_\_\_\_\_\_\_\_\_\_\_\_\_

8. Find the sum of 7a and 7c.\_\_\_\_\_\_\_\_\_-

9. The value you calculated in #8 is the amount of money you make per hour; write that amount as a rate of dollars per hour.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. At the above rate, how much money will you make in one month if you work 40hrs/wk?

Mortgage: 550.00

Food: 280.00

Cell phone: 90.00

11. Your monthly expenses include:

Use your monthly income to find the subtrahend, AFTER you pay your expenses\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

12. What percent of your monthly income is used to pay your expenses?\_\_\_\_\_\_\_\_\_\_\_\_\_

13. How much will you save in one year if you put 20% of your monthly income into a saving account\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

14. How many months will it take you to save a down payment of 5000.00 to put down on your new car? (Round you answer to the nearest WHOLE month)