Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Primitive Data Revision 1**

1. Evaluate the following expressions.

1. “2 + 2” + 3 + 4
2. 2 + “ 2 + 3 “ + 4
3. 3 + 4 + “ 2 + 2”
4. “(2 + 2) + “ + (3 + 4)
5. “hello 34 “ + 2 \* 4
6. 2 + “(int) 2.0” + 2 \* 2 + 2
7. 4 + 1 + 9 + “.” + (-3 + 10) + 11 / 3
8. “1” + 2 + 3 + “4” + 5 + 6 + “7” + (8 + 9)

2. What is the output of the following code?

int max;

int min = 10;

max = 17 – 4 / 10;

max = max + 6;

min = max – min;

System.out.println(max \* 2);

System.out.println(max + min);

System.out.println(max);

System.out.println(min);

3. Write a program of your choosing that uses at least 3 of the following operators + , - , \* , / , % , --, ++, that prints the input variables, calculates a value and prints that solution. Your program needs to print each variable followed by a space and then the value of the variable. The program needs to use one output line per variable. Then your program needs to use the values of the input variables to calculate the answer and then prints the answer in the same format as the input data. This is your opportunity to experiment, be creative and / or develop a useful program. The program could be created to solve a current math or science problem, calculate your grade in a class, calculate interest on the amount of money in a bank account or something else of your choosing.