**Variables Worksheet 4 Name -**

1. Write a declaration statement that declares a double variable named salary.

double salary;

2. Write an assignment statement that assigns the value 30000.56 to a variable named salary.

salary = 30000.56

3. Write an assignment statement that adds 1000 to a variable named salary. For full credit, use the compound operator += .

salary += 1000

4. Carefully trace the program and show the output in the box.

0.45

#include <iostream>

using namespace std;

int main()

{

int apples = 9;

double priceApples = 0.50;

const double APPLE\_TAX = 0.05;

int totalPrice = 0;

totalPrice = apples \* priceApples + apples \* priceApples \* APPLE\_TAX;

cout << "Total is " << totalPrice << endl;

return 0;

} // end of main

5. What does the following expression simplify to? 5 + 13 % (10 / 2)

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6. What is the final value of round after the execution of the following code?

double initial = 5.9;

round = int (initial);

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