Operators Test 1

1. Write a line of code that multiplies the numbers 7 and 8 together and stores the result in a variable named **answer**.

2. What is the result of the following operation: 5 % 2?
   A. 2.5
   B. 0
   C. 1
   D. 2

3. Which of the following operations evaluates to zero?
   A. 5 / 2
   B. 1 / 2
   C. 1.0 / 2.0
   D. 1.0 / 2

4. If the double value 7.99 was converted to an int value what would be the result?

5. If the double value 0.825 was converted to an int value what would be the result?

6. What values do the variables **a** and **b** contain after the following code has executed:

   ```
   double a = 8.25;
   int b = (int)a;
   ```

a	b

7. What value is contained in the variable **count** after the following code has executed:

   ```
   int count = 5;
   count++;
   ```

8. What value is contained in the variable **count** after the following code has executed:

```
int count = 8;
count--;
count--;
```

9. What value is contained in the variable **count** after the following code has executed:

```
int count = 10;
count += 5;
```

10. Which of the following lines of code is equivalent to the code: **count += 25?**
    A. count = 25
    B. count = count + 25
    C. count ++25
    D. count -= 25