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?
3. 2.5
4. 0
5. 1
6. 2
7. Which of the following operations evaluates to zero?
8. 5 / 2
9. 1 / 2
10. 1.0 / 2.0
11. 1.0 / 2
12. If the double value 7.99 was converted to an int value what would be the result?
13. 7.99
14. 8
15. 7
16. 8.0
17. If the double value 0.825 was converted to an int value what would be the result?
18. 0
19. 0.9
20. 0.8
21. 1
22. What values do the variables **a** and **b** contain after the following code has executed:

double a = 8.25;

|  |  |
| --- | --- |
| a | b |
|  |  |

int b = (int)a;

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

int count = 5;

count++;

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

int count = 8;

count--;

count--;

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

int count = 10;  
count += 5;

1. Which of the following lines of code is equivalent to the code: **count += 25?**
2. count = 25
3. count = count + 25
4. count ++25
5. count -= 25