

Signature _____

CSE 11

Name _____

cs11f _____

Quiz 1
Fall 2008

Student ID _____

This quiz is to be taken **by yourself** with closed books, closed notes, no calculators.

(Partial) Operator Precedence Table

Operators	Associativity
* / %	left to right
+ -	left to right
< <= > >=	left to right
== !=	left to right
&&	left to right
	left to right
=	right to left

1) Which of the following are not valid Java identifiers? (Circle your answer(s).)

3rdLine Ugly_Betty one/two Int

nine2five lower-half Seven%Solution Ex2_3_4

2) Using the operator precedence table above, evaluate each expression and state what gets printed. Remember short-circuit evaluation with && and ||.

```
int x = -2;
int y = -1;
int z = 4;
boolean b = x + y < z || 4 * y + z > x && x > y;

System.out.print( "b = " + b );                  _____

b = (x + y < z || 4 * y + z > x) && x > y;

System.out.print( "b = " + b );                  _____

x = z + 6 % 4 + y * 2;

System.out.print( "x = " + x );                  _____
```

3) What color is described by the object

```
new Color( 255, 0, 0 )                  _____
```

Which of the following would be considered light gray? (Circle your answer.)

- a) new Color(200, 200, 200);
- b) new Color(125, 125, 125);
- c) new Color(55, 55, 55);

(Continued on other side)

4) What Java keyword is used to specify an identifier is constant (cannot be changed once it is set)?

5) What would you expect from the following statements? Assume count = 25.

```
System.out.println( "The count is : + count - 3" );
```

```
System.out.println( "The count is: " + ( count + 2 ) );
```

```
System.out.println( "The count is:" + count + 4 );
```

6) What are the values of x and y after the following code has been executed?

```
int x = 2;  
int y = -3;  
int z = 5;  
  
if ( x > y + z )  
    y--;  
    x++;
```

Value of x at this point _____

Value of y at this point _____

```
int x = 2;  
int y = -3;  
int z = 5;  
  
if ( x > y + z )  
{  
    y--;  
    x++;  
}
```

Value of x at this point _____

Value of y at this point _____