1. Which of the following are valid Java identifiers? (Circle your answer(s).)

this&that  _thisRthat  This_2_That  boolean
_9_2_5  n!ne_2_5  9_2_5  bool


```java
int a = 5;
int b = -2;
int c = 2;
boolean exp1 = a + b * c <= a + c * b;  _________  (value of exp1)
boolean exp2 = !(c + a > b);  _________  (value of exp2)
boolean exp3 = b - a >= c;  _________  (value of exp3)
boolean z = exp1 && exp2 || exp3;
System.out.print("z = "+z);  ____________________
z = exp3 || exp1 && !exp2;
System.out.print("z = "+z);  ____________________
b = --b + ++a % 4 * c++ * 2;
System.out.print("a = "+a);  ____________________
System.out.print("b = "+b);  ____________________
System.out.print("c = "+c);  ____________________
```

3. Where is the coordinate (0,0) in a graphics window? (Circle correct letter.)
A. at the center of the window
B. at the upper right corner of the window
C. at the upper left corner of the window
D. at the bottom right corner of the window
E. at the bottom left corner of the window  (Continued on other side)
4. The naming convention for a class or interface name is (Circle correct letter)
   A. start with uppercase, rest mixed
   B. start with lowercase, rest mixed
   C. all lowercase letters with underscores
   D. all uppercase letters with underscores

5. What gets printed with each of the following statements?

```java
int a = 2;
int b = 4;
int c = 6;
System.out.println( (a + b) + c + " = " + a + (b + c) );
System.out.println( a + (b + c) + " = " + (a + b) + c );
System.out.println( (a + b + c) + " = " + a + b + c );
```

6. What values of a and b would result in the following code printing "C"?

```java
int a = ______;
int b = ______;
if ( (a > 1) || (b < -1) )
{
   if ( a > b )
   {
      System.out.println( "A" );
   }
   else
   {
      System.out.println( "B" );
   }
}
else if ( (a == 1) && (b <= -1) )
{
   System.out.println( "C" );
}
else
{
   System.out.println( "D" );
}
```

7. What is the symbol '!' affectionately known as in computer lingo?

_______________________________________