

✓ **Congratulations! You passed!**
TO PASS 75% or higher

Keep Learning

GRADE
75%

Java Proficiency Quiz 2

TOTAL POINTS 4

1. Look at the following code:

0 / 1 point

```
1- public class TestClass {  
2  
3    // section 1:  
4    private String testName;  
5  
6    // section 2:  
7- public TestClass( String name, int i ) {  
8        this.testName = name;  
9    }  
10  
11    // section 3:  
12- public void countToThree() {  
13-     for (int m = 1; m <= 3; m++) {  
14-         System.out.println( "Count is: " + m );  
15-     }  
16 }  
17 }
```

What is defined in the denoted sections of this class?

- ☐ section 1: method
section 2: constructor
section 3: member variable
- ☒ section 1: member variable
section 2: constructor
section 3: class method
- ☐ section 1: member variable
section 2: constructor
section 3: method
- ☐ section 1: member variable
section 2: class method
section 3: method

! Incorrect

Incorrect. A class method is defined using the static keyword. The third section is defining a method, which can be called upon an instance of the class.

2. As an established Java convention, what would it mean if the name of a variable was spelled in all uppercase?

1 / 1 point

- ☐ The variable is reserved for use by the Java environment, and you should not refer to it.
- ☐ The variable contains a string that has all capital letters.
- ☒ The variable is a constant, whose value should not change.
- ☐ Nothing. There is no such convention, and such a variable is like any other.

✓ Correct
Correct!

3. Look at the following code:

1 / 1 point

```
1 int errorInteger = 200;  
2 String comment;  
3  
4- switch (errorInteger) {  
5     case 150:  
6         comment = "Javascript error.";  
7         break;  
8     case 240:  
9         comment = "Comment error.";  
10        break;  
11        case 300:  
12            comment = "Function error.";  
13            break;  
14            case 200:  
15                comment = "New error.";  
16                break;  
17            default:  
18                comment = "No error.";  
19                break;  
20 }  
21 System.out.println( comment );  
22 }
```

What would be the resulting output from this code?

- ☒ New error.
- ☐ Javascript error.
- ☐ Function error.
- ☐ Comment error.

✓ Correct
Correct!

4. Look at the following class:

1 / 1 point

```
1 public class Test {  
2     private String testName;  
3  
4     public Test( String name ) {  
5         this.testName = name;  
6     }  
7  
8     public void setTestName( String name ) {  
9         this.testName = name;  
10    }  
11 }
```

What would be the proper way to construct a Test object with member variable testName initially being "old", then later changed to "new"

☒ 1 Test testObj = new Test("old");
2 testObj.setTestName("new");

☐ 1 Test testObj = new Test("old");
2 testObj.testName = "new";

☐ 1 Test testObj = new Test("old");
2 testObj[testName] = "new";

☐ 1 Test testName = "old";
2 testName = "new";

✓ Correct
Correct!