For the first 7 questions, refer to the program that follows and the set of possible answers below the program. If more than one answer applies, always choose the most restrictive answer. (For example, if asked to identify a picture of a mouse and the choices were mammal and mouse, you would choose mouse because all mice are mammals but not all mammals are mice.)

```java
import tio.*; // use the package tio

class SimpleInput {
    public static void main (String[] args) {
        int width, height, area;
        System.out.println("type two integers for" +
            " the width and height of a box");
        width = Console.in.readInt();
        height = Console.in.readInt();
        area = width * height;
        System.out.print("The area is ");
        System.out.println(area);
    }
}
```

A. identifier  B. variable  C. type  D. primitive type  E. keyword  F. comment  G. literal

1. What is SimpleInput in the example above?  **A**
2. What is public in the example above?  **E**
3. What is int in the example above?  **D**
4. What is width in the example above?  **B**
5. What is print in the example above?  **A**
6. What is "The area is " in the example above?  **G**
7. What is // use the package tio in the example above?  **F**

8. (2 points) In the program fragment below, userName has been declared to be of type String, and assigned some value (we don’t care what value it has been assigned). In the blank after the assignment statement, write a single Java statement to print **My name is**. Where the blank is replaced with the actual value of userName. For example, if the value entered was "Charlie", then the output of the code fragment should be

   ```java
   My name is Charlie.
   // Here is the code fragment
   String userName;
   userName = Console.in.readWord();
   System.out.println("My name is " + userName);
   ```

9. What is the value of the Java expression 25/10?  **2**

10. What primitive Java type can store the largest numbers?
    A. BigInteger  **B**  C. double  D. int  E. long

11. (2 points) Circle each of the following that is a legal identifier:
    - A. someName  **C**  B. some_name  C. some$Name  D. some name  E. some+name
    - F. some123Name  **D**  G. $someName  H. someName  I. 123someName

THERE ARE MORE QUESTIONS ON THE BACK
12. What keyword is used to create object data values? (Hint: For String there is a special syntax for literal values, e.g. "This is a string" and for primitives like int there are literals such as 123. For all class types except String a keyword is used to create values of that type.)

\text{new}

13. What is the most descriptive phrase for reading the Java expression $x = y$?
   \begin{enumerate}
   \item A. $x$ equals $y$
   \item B. $x$ equal to $y$?
   \item C. make $x$ and $y$ be equal
   \item D. $x$ is assigned the value of $y$
   \item E. $y$ is assigned the value of $x$
   \end{enumerate}