True/False - Circle the numbers to the exercises that are false.

1.   In Visual Basic programs, users can only input text, not numbers.
2.   An `If ElseIf` statement can be written in the form of a `For` loop to achieve the same logic and output.
3.   Textboxes are often used to receive input from the user.
4.   A label is an example of an object.
5.   The `*` symbol is the multiplication operator in Visual Basic.
6.   There are no compile errors in the Visual Basic assignment statement that would stop your program from executing properly:
     `velocity * time = distance`
7.   The answer to `5 - 7 * 8` is `-16`.
8.   12 Mod 2 is 1.
9.   The word `And` is a Boolean operator.
10. `Form_Load` is an example of a method.
11. The letter m should be used as the first letter of module-level variables.
For the following True/False questions, assume all necessary variables have been declared appropriately. Note that a syntax error is an error that prevents the line from executing.
12. There are no syntax errors in the statement: `num = Val("19610")`
13. There are no syntax errors in the statement: `34 = num`
14. There are no syntax errors in the statement: `lblDisplay.Text = ""`

Determine the Output
Assume that the following variables have been properly declared and contain the following values. Evaluate the expressions in this section based on these variables. **If an expression would cause a syntax error then write the word "Error" as your answer. If the final answer is a string, make sure that you surround the answer with double quotes.**

```
num1 = 3          num3 = 18          num5 = 5
num2 = -1         num4 = 12345       state = "PA"
```

```
15.   num3 + num2                    _____
16.   num3 - num2 * num1             _____
17.   Str(49) + "ers"                _____
18.   Val("16")                      _____
19.   num4 Mod num5                  _____
```

Short Answer – Neatly **PRINT** the best, most precise answer on your answer sheet which was supplied.

1.   Write a VB declaration statement that declares `num` as a `Double` variable with the value zero.

2.   Write an `If` statement that reflects the following logic:
     If value of `num` is less than or equal to 5 and `num` is greater than `-8` then display "Hello World" in a message box.

3.   **On the back of the paper ,** Write an `If Else` statement that reflects the following logic:
     If the variable `correct` is greater than or equal to 2 display "yes" in message box. Otherwise, display "no" in a message box.
4.   **On the back of the paper ,** write a `For` loop that uses a loop control variable named `J` and that adds the *odd* integer values from 1 to 7. Trace the loop by showing the values stored in the variables. You can assume a variable named `sum` starts at zero.
5.   **On the back of the paper ,** write out the Hello World program.
6.   **On the back of the paper ,** draw a complete truth chart.