Fill in the blanks.

1. A random number generated by `Math.random()` in JavaScript is always between _____ and ______.

2. ________________ is the term commonly used to refer to values represented in base 2.

3. To group multiple statements together to form a block (group of statements) associated with a JavaScript **if** or **for** statement or a function you use ________________.

4. Spreadsheet formulas start with ___________.

5. The equality operator/symbol in JavaScript is _______.

6. Variables declared inside a function are ____________ in scope.

**Circle** the correct answer.

7. Which of the following iterates 10 times?
   A. `for (i = 1; i <= 11; i = i + 1)`
   B. `for (i = 10; i >= 0; i = i - 1)`
   C. `for (i = 0; i < 10; i = i + 1)`
   D. all of the above

8. In JavaScript, the plus sign always means:
   A. add 1
   B. addition
   C. concatenation
   D. B or C

9. Which of the following is the correct form to specify a range of cells in a spreadsheet like Excel?
   A. 2B:5F
   B. C3-E8
   C. K9:N11
   D. G4/J9

(Over)
10. Which of the following is the correct form to specify absolute column F and relative row 4:
   A. FS4
   B. 4@F
   C. SF4
   D. @4F

11. i++ in JavaScript means:
   A. add 1 to i and store the result in i
   B. add the value of i to itself and store the result in i
   C. string concatenate with the plus sign
   D. check to see if i is positive

12. Given the assignment document.X.Y.Z = 420; which of the following naming is correct:
   A. attribute X in form Y in input element Z on this document
   B. input element X in form Y with attribute Z on this document
   C. attribute document in input element X on form Y in table Z on this html page
   D. attribute Z in input element Y in form X on this document

13. All of the following are illegal JavaScript identifiers (variable or function names) except:
   A. Nine_To_Five
   B. 9-To-5
   C. 9_2_5
   D. Nine->Five

14. In JavaScript, 18%5 is:
   A. the same as 18/5
   B. 18 percent times 5
   C. 2
   D. 3

15. Output directly onto a Web page from JavaScript (as if it was HTML code typed in directly onto a Web page) is done with:
   A. document.alert()
   B. document.print()
   C. HTML tags like <form>
   D. document.write()

16. The question(s) you would most like to see on the Final Exam is: