Wizard Quiz

1.) Define an Algorithm

2.) Match the function with it's purpose. Point out which functions and definitions match.

min	rounds down a double to the next integer
max	returns the absolute value of a number
ceil	returns the max of two numbers
floor	returns the minimum of 2 numbers
abs	rounds up a double to the next integer

3.) What does a return statement do?
A. Ends the program and returns to the NXT home screen
B. Causes a program to jump out of the sequence
C. Causes the program to return to a certain part of the code

4. Which of the following is NOT a legal java statement?
A. int i = 0;
B. boolean counter = 27;
C. counter++; //Where counter is an integer
D. double sum = a + b * 25; // where a is an integer and b is a double

5.) If boolean variable a is true and boolean variable b is false, which of the following statements are true?
A. a || b
B. a && b
C. a ^ b
F. A and C