**Review Sheet #1**

MTH 125

Fall 2012

1. Indicate which of the following are legal identifiers. Indicate which are illegal, and why.
   1. feb29
   2. 29feb
   3. feb.mar
   4. \_feb\_mar
2. Write a C++ statement for the following computations. Be sure to declare all variables, assuming that those in (b) are integer types and the rest are floating point types.
3. If *i* and *j* are *int* variables with the values and , what are the values of the following expressions?
4. Write a program to compute the area of a circle. Prompt the user to enter the value of the radius.
5. Write a complete program to carry out the computations of parts (b) and (c) of #2. Prompt the user for the values of the variables, print the output with suitable labels, and use comments to describe the program.