**Review Sheet #1**

MTH 125

Fall 2018

1. Write a complete program to carry out the computations below. Prompt the user for the values of the variables, print the output with suitable labels, and use comments to describe the program. Be sure to declare all variables, assuming that those in (b) are integer types and the rest are floating point types.
2. If *i* and *j* are *int* variables with the values and , what are the values of the following expressions?

d. i - j\*2

1. Write a program to compute the area of a circle. Prompt the user to enter the value of the radius.
2. Write a program that reads an integer and breaks it into a sequence of individual

digits. For example, the input 16384 is displayed as

1 6 3 8 4

You may assume that the input has no more than five digits and is not negative.