MAT 108-03
Spring 2008

Assignment 14

Consider the following computation:

$$18.695 + (0.9623)\,(3.86)$$

Assume all of the numbers are approximate. Complete the computation and round the answer according to each of the various methods specified below.

a. By rounding to the level of accuracy of the least accurate number in the entire computation.
b. By rounding the last answer based on the last operation and applying the appropriate SiD rule.
c. By determining the appropriate level of accuracy and/or precision at each point in the computation and then rounding the final answer according to applying our SiD rules sequentially. This is the method that I used in class.

Note that there will not be a problem like this on the exam.

Assignment 15 (Section 1-1)

A. In Algebraic Aerobics 1.1 on page 8, do 1,2, 6 ,7 (just the histogram), 8, 11
B. In the exercises on p. 37, do 1, 2, 4, 5, 6a