MAT 108-03
Spring 2008

Project 1

Due: Monday, February 11..

You must work in groups of two or three and submit a single report from the group. If you do not have a group set up by Monday, February 4, then I will assign you to a group. Students will be allowed to submit individual reports only if they can prove to me that it is almost impossible, not merely inconvenient, to work in a group.

Along with your results and computations, your report should include written explanations and comments. In particular, I am interested in seeing your reasoning; I want to know why you are doing what you are doing at each step. Also, recall that your "final answer" should be expressed in a sentence. I distributed and posted on the website a sheet that gave some additional homework policy. That policy also applies to projects.

The recommended daily dosage of the drug Algebracium is **1.25** mg per kilogram of body weight of the patient for patients over **25.0** kg. The medication is contained in a solution which has **4.00** mg of medication per milliliter of solution. How much of the solution, in milliliters, should be given a patient if the patient weighs **184** pounds? Keep at least five significant digits in your intermediate results. Round your final answer to the nearest tenth of a milliliter.