Calculus 1A: Homework Assignments. Notes and Hints.
Revised 1/19/09

Spring 2009, TT 3:30pm - 5:00pm, Room 105 Stanley Hall

Instructor: Professor Zvezdelina Stankova

HW10. Read §4.7 (not including last section on applications to business and economics). Solve and Write Problems:

(1) §4.7: #2,4,6,10,12,14,18,24,33,34.

    (a) #2-4 are similar to #3; #6 is similar to Example 1; #10,12,14 are similar to Example 2 - don't forget that the box has no top, so don't include the top in the total surface area.

    (b) #18 is similar to Example 3 - don't forget to square the distance and find the minimum of this function rather than of the original distance function! (as we did in class in the ship problem.)

    (c) #24 is similar to Example 5.