Homework 9
(due Friday, November 7)

Warmup (don't turn in).
    4.1: 2, 3bef, 4a, 14
    4.2: 2ec, 3bd

Turn in answers only.
    4.1: 3acdh, 5, 6b (find *all* normal vectors), 7, 9ab (In probs 5, 6b, 7, 9 write down the linear system $A\mathbf{x} = \mathbf{b}$ that you must solve, the solution to this system and, if it is not simply the solution to the system, the answer to the problem).

    4.2: 1 (do this for 4.1.3a only) , 2abd, 3c

Turn in full solutions.
    4.1: 4bc, 10acd, 15, 17, 19, 23 (Do 4bc one step at a time. In other problems that involve linear systems, just set up the system and then give the solution of the system, showing no intermediate steps.)

    4.2: 5 (just say what the inverse of each type of elementary matrix is)