HOMEWORK 6

DUE WEDNESDAY, FEBRUARY 18TH

FROM JACOB:

Section 4.1 — #1; #2; #3 a; #7

Section 4.3 — #1 a,e (find the determinant using cofactor expansion and using row reduction, you don't have to combine the methods); #7

Section 4.4 — #1; #2; #6 b

NOT FROM JACOB:

1. If A and B are upper triangular matrices, explain why the diagonal entries of AB are the products of corresponding diagonal entries of A and B. (Remember: a diagonal entry is one that lies along the diagonal of the matrix, that is an entry where the number of the row is the same as the number of the column.)