MATH 280-01 (142)
HW # 3
Due on 24/2/2015

Q1. Find all matrices

$$M = \begin{bmatrix} x & y \\ z & t \end{bmatrix}$$

that commute with

$$A = \begin{bmatrix} 1 & 1 \\ 0 & 1 \end{bmatrix}$$

Q2. Find the inverse of the following matrix. Show all the steps.

$$A = \begin{bmatrix} 1 & 2 & -4 \\ -1 & -1 & 5 \\ 2 & 7 & -3 \end{bmatrix}$$

Q3. Problem 17 page 67 from the textbook

Q4. Problem 18 page 67 from the textbook

Q5.Problem 22 page 67 from the textbook