

## Additional Problems Assignment 14

1. Use matlab to find the inverse of the following matrix:

$$A = \begin{bmatrix} 7 & 8 & -8 & -14 & -24 & 7 \\ 5 & 6 & -6 & -10 & -18 & 5 \\ 20 & 30 & -35 & -40 & -105 & 20 \\ -15 & -18 & 18 & 31 & 54 & -16 \\ -10 & -12 & 12 & 14 & 37 & -4 \\ 20 & 24 & -24 & -40 & -72 & 21 \end{bmatrix}$$

You may only use the rref function and make sure you say what you put into matlab and what came out. You may print the input and output or just write it down. Many of the labs on campus have matlab including the 2nd floor computer lab in Serra Hall.