MATH 260, Homework 9, Fall '14 Due: October 28, 2014 at 2:20 PM Honor Code:

Name: Section:

1) (10 pts) Find the null space and the column space for the matrix $\mathbf{A} = \begin{bmatrix} 1 & 2 & 3 & 4 \\ 2 & 3 & 4 & 5 \\ 3 & 5 & 7 & 9 \end{bmatrix}$. Give the dimension of each of the two subspaces you found.

