Quiz 6

1. Find a basis for the null space and column space of A using the methods from class. You must find a *basis* for the space, do NOT give the space *itself*!

$$A = \begin{bmatrix} 1 & 1 & 0 & -3 & 0 \\ 2 & 2 & 1 & -5 & 0 \\ -3 & -3 & 0 & 9 & 1 \\ -2 & -2 & -1 & 5 & 0 \end{bmatrix}$$