Math 304 Section 1 Quiz 10 7/27/16

Name:_____

Let $A = \begin{bmatrix} 0 & 0 & 1 \\ 0 & 0 & 2 \\ 1 & 2 & 3 \end{bmatrix}$. The reduced row echelon form of A is $A' = \begin{bmatrix} 1 & 2 & 0 \\ 0 & 0 & 1 \\ 0 & 0 & 0 \end{bmatrix}$.

1. Write a basis for the column space of A.

2. Write a basis for the row space of A.

3. Write a basis for the null space of A.

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