Name:

MATH 54 QUIZ 2 THU, SEP 6, 2018

Time: 15 minutes.

(1) Find an explicit description of Nul A by listing vectors that span the null space:

$$A = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \end{bmatrix}$$

(2) Find the pivot columns of A and compute the dimension of Col A:

$$A = \begin{bmatrix} -8 & -2 & -9 \\ 6 & 4 & 8 \\ 4 & 0 & 4 \end{bmatrix}$$