## Discussion - July 5

1. Compute Null(A) and Col(A) for the following (i.e., write as a span)

$$(a)$$
  $(1234)$   $(b)$   $(12)$ 

(c) 
$$\begin{pmatrix} 1 & 2 \\ 2 & 4 \\ 4 & 8 \end{pmatrix}$$
 (d)  $\begin{pmatrix} 1 & 3 & 5 & 7 \\ 2 & 4 & 6 & 8 \end{pmatrix}$ 

(c) 
$$(0)$$
  $(f)$   $(1)$   $(1)$   $(1)$   $(2)$   $(3)$   $(4)$ 

Z. Find an A so W is (a) NU(A) (b) G (A)

$$\begin{pmatrix} ii \\ b \\ c \end{pmatrix} \qquad \alpha + 2b = C \\$$