NAME:_____

ID:_____ Section: _____

Exercise 1 (5 points)

Use the method of cofactors to find the inverse of the matrix $\begin{pmatrix} 1 & 2 & 0 \\ -1 & 0 & 1 \\ 2 & 1 & 1 \end{pmatrix}$

Exercise 2 (5 points)

Determine whether $w = (1,0,1)$ is a linear combination of $u = (1,1,1)$ and $v = (-1,0,1)$.

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Exercise 1 (5 points)

Use the method of cofactors to find the inverse of the matrix $\begin{pmatrix} 1 & -1 & 2 \\ 2 & 0 & 1 \\ 0 & 1 & 1 \end{pmatrix}$

Exercise 2 (5 points)
Determine whether $w = (2,0,3)$ is a linear combination of $u = (1,1,1)$ and $v = (-1,0,1)$.