

Math 228: Intro to Lin Alg & Diff Eqns

Quiz 3 *Feb. 7, 2002*

Name: _____

Section: _____

1. Compute the determinant of the matrix $\begin{bmatrix} 1 & 2 & -1 & 0 \\ -1 & 1 & 0 & -1 \\ 0 & -1 & 2 & 1 \\ -1 & 3 & 1 & -1 \end{bmatrix}$

2. Find the (3,2)-cofactor of the matrix $\begin{bmatrix} 2 & -1 & 0 & 0 \\ -1 & 2 & -1 & -4 \\ 0 & -3 & 2 & 0 \\ 0 & -1 & 0 & 2 \end{bmatrix}$