Dr. Z.'s Math 250(1), (Fall 2010, RU) REAL Quiz #6 (Oct. 28, 2010)

NAME: (print!) _____

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1. Compute the determinant of the following matrix by a cofactor expansion along the third row.

$$\begin{bmatrix} 3 & -1 & 1 \\ 4 & -1 & 4 \\ -2 & 1 & 2 \end{bmatrix}$$

2. Compute the determinant of the following matrix by using elementary operations.

$$\begin{bmatrix} 3 & 4 & 2 \\ 2 & -1 & 3 \\ -1 & 3 & 1 \end{bmatrix} \quad .$$