NAME: (print!) _____   **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Compute the determinant of the following matrix along the second row.

$$\begin{bmatrix} 2 & -1 & 1 \\ 0 & -1 & 4 \\ -2 & 1 & 2 \end{bmatrix}$$

2. Find the value of c for which the matrix is not invertible

$$\begin{bmatrix} 2 & -1 & 1 \\ 0 & -1 & c \\ -2 & 1 & 2 \end{bmatrix}$$