Mathematics 700 Quiz #2   Name:_____

(1) What are the three elementary row operations?

(2) Define what it means for a matrix to be in row canonical form. (Also called row echelon form).

(3) Find the row canonical form of $\begin{bmatrix} 1 & 2 & 3 & 4 \\ 5 & 6 & 7 & 8 \\ 3 & 3 & -6 & -6 \end{bmatrix}$