NAME: (print!) ________________________________  Section: _____

E-MAIL ADDRESS: (print!) ________________________________

1. For the following matrix, $A$, determine (a) the reduced row echelon form $R$ of $A$ (b) an invertible matrix $P$ such that $PA = R$.

$$A = \begin{bmatrix} 1 & 1 & 2 \\ 1 & 1 & 3 \\ 2 & 2 & 5 \end{bmatrix}$$