SECTION 3.4.4 INVERSES

	SECTION 5.4.4 INVERSES
1.	The function $f:V\to W$, a linear map with matrix representation A , has an inverse if and only if
2.	If the function $f:V\to W$, a linear map with matrix representation A , has inverse $f^{-1}:W\to W$ with matrix representation B , then $AB=$ and then $BA=$
3.	If A is a nonsingular $n \times n$ matrix, then $rref(A) =$

4. Find
$$A^{-1}$$
 for $A = \begin{pmatrix} 1 & 2 & 3 \\ 0 & 1 & 3 \\ 1 & -1 & -2 \end{pmatrix}$.

5. Solve the system of equations
$$\begin{cases} x+2y+3z=8\\ y+3z=-4\\ x-y-2z=0 \end{cases}$$