

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

2)
$$\begin{bmatrix}
1 & 2 & 3 \\
A = 2 & 4 & 6 \\
4 & 8 & 12
\end{bmatrix}$$
 $51 |A| \neq 0, Rango(A) = 3$

$$51 |A| = 0, Rango(A) = 201$$