

The minimal polynomial

of the matrix $\begin{bmatrix} 3 & 3 & 0 \\ 3 & 3 & 0 \\ 0 & 0 & 6 \end{bmatrix}$ is

(a) $x(x - 1)(x - 6)$ **(b) $x(x - 3)$**

(c) $(x - 3)(x - 6)$ **(d) $x(x - 6)$**