11 $\det A = a_{11}A_{11} + a_{21}A_{21} + a_{31}A_{31} = a_{11}M_{11} - a_{21}M_{21} + a_{31}M_{31}$

$$= (5)\det\begin{bmatrix} -2 & 0 \\ 4 & 0 \end{bmatrix} - (0)\det\begin{bmatrix} 1 & 6 \\ 4 & 0 \end{bmatrix} + (0)\det\begin{bmatrix} 1 & 6 \\ -2 & 0 \end{bmatrix}$$

$= (5)(0-0) - 0 + 0 = 0$. Since $\det A = 0$, A^{-1} does not exist.