

$$C = \begin{pmatrix} 1 & \boxed{4} & 0 & \boxed{3} & \boxed{1} \\ 0 & \boxed{0} & 1 & \boxed{2} & \boxed{-2} \\ 0 & 0 & 0 & 0 & 0 \end{pmatrix}$$