

QUESTION

Express  $(\mathbf{CD})^{-1}$  in terms of the matrices  $\mathbf{C}^{-1}$  and  $\mathbf{D}^{-1}$ .

ANSWER

$$(\mathbf{CD})^{-1} = \mathbf{D}^{-1}\mathbf{C}^{-1}$$