



Ex. 2 Find the product given  $J = \begin{bmatrix} 8 & -2 & 1 \\ 3 & 0 & -5 \end{bmatrix}$   $K = \begin{bmatrix} 1 & 4 \\ 6 & -2 \\ 0 & 3 \end{bmatrix}$

a) JK

b) KJ

Ex. 3 Find the product given  $R = \begin{bmatrix} 2 & -3 \\ 0 & 5 \\ -2 & 0 \end{bmatrix}$   $W = \begin{bmatrix} 5 & 0 \\ 4 & 7 \end{bmatrix}$

a) RW

b) WR

Ex. 4 Find each product given  $A = \begin{bmatrix} 1 & 5 \\ -3 & 0 \end{bmatrix}$ ,  $B = \begin{bmatrix} 8 & 1 \\ 0 & 4 \\ 2 & 5 \end{bmatrix}$ ,  $C = [1 \quad -3 \quad 4]$ .

a) BA

b) (CB)A