

Given that $X = \begin{bmatrix} 3 & -2 & 5 \end{bmatrix}$ and $Y = \begin{bmatrix} 6 & 1 \\ 0 & 3 \\ -8 & 2 \end{bmatrix}$, find XY .

$XY =$

Find ABC , given $A = \begin{bmatrix} -5 & -1 \\ 0 & -3 \end{bmatrix}$, $B = \begin{bmatrix} 1 & 5 & 7 \\ -10 & 2 & -4 \end{bmatrix}$, and $C = \begin{bmatrix} 2 \\ 4 \\ -2 \end{bmatrix}$.