Question 2 (Matrices Questions)

Calculate the product of matrices $A = \begin{pmatrix} 2 & 0 & 1 \\ 1 & -1 & 2 \end{pmatrix}$ and $B = \begin{pmatrix} 3 & 1 \\ 0 & 2 \\ -1 & 1 \end{pmatrix}$.