

Section 2: Operations with Matrices

Given the Following Matrices, complete the indicated operations.

$$A = \begin{bmatrix} 3 & -4 \\ 5 & -2 \end{bmatrix} \quad B = \begin{bmatrix} 8 & -4 \\ -11 & 5 \end{bmatrix} \quad C = \begin{bmatrix} -3 & 5 & -7 \\ 4 & -6 & -2 \end{bmatrix} \quad D = \begin{bmatrix} -3 & -2 & -4 & 2 \\ 6 & -8 & 15 & 4 \\ 4 & 10 & 8 & -7 \end{bmatrix}$$
$$E = \begin{bmatrix} -5 & 2 & -4 & 1 \\ 3 & 4 & 7 & -7 \\ -4 & 8 & -7 & -3 \end{bmatrix} \quad F = \begin{bmatrix} -3 & -1 & 5 & 7 \\ 2 & 3 & 3 & -4 \\ -1 & -8 & 7 & 12 \end{bmatrix} \quad G = \begin{bmatrix} -4 & 3 & -5 \\ -9 & -7 & 1 \end{bmatrix}$$