

Samples Matrix Arithmetic SOLUTIONS

1. $\begin{pmatrix} -5 & -6 \\ 4 & 0 \end{pmatrix} + \begin{pmatrix} -3 & 0 \\ -2 & 5 \end{pmatrix} = \begin{pmatrix} -8 & -6 \\ 2 & 5 \end{pmatrix}$

2. $\begin{pmatrix} 3 & 1 & 5 \\ 3 & 3 & -1 \end{pmatrix} + \begin{pmatrix} 1 & -6 & -5 \\ -2 & -1 & -2 \end{pmatrix} = \begin{pmatrix} 4 & -5 & 0 \\ 1 & 2 & -3 \end{pmatrix}$

3. $\begin{pmatrix} 1 & -3 \end{pmatrix} + \begin{pmatrix} -1 & 5 \end{pmatrix} = \begin{pmatrix} 0 & 2 \end{pmatrix}$