

Name : _____

Score : _____

Teacher : _____

Date : _____

Basic Matrix Operations

Simplify. Write undefined if the expression isn't defined.

1) $\begin{bmatrix} 0 & 0 & 0 \end{bmatrix} + \begin{bmatrix} -6 & 3 & 5 \end{bmatrix} + \begin{bmatrix} 6 & -5 & 0 \end{bmatrix}$

2) $3\begin{bmatrix} -5k-6 & -4k-6 \end{bmatrix} + 5\begin{bmatrix} 5 \\ -5k+6 \\ -2k-1 \end{bmatrix}$

3) $\begin{bmatrix} 1 \\ 3 \\ 4 \end{bmatrix} + \begin{bmatrix} 6 \\ -3 \\ 0 \end{bmatrix}$

