

Name : _____

Score : _____

Teacher : _____

Date : _____

Basic Matrix Operations

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

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

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

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

