

PROBLEM SOLVED

Use your knowledge of matrix operations to solve each of the following equations.

$$1) \begin{bmatrix} 3 & -5 \\ 2 & 0 \end{bmatrix} + R = \begin{bmatrix} 8 & 0 \\ -1 & 3 \end{bmatrix}$$

$$2) \begin{bmatrix} x & 8 & 10 \\ 6 & 0 & 4y \end{bmatrix} = 2 \begin{bmatrix} -7 & 4 & 5 \\ 3 & 0 & -2 \end{bmatrix}$$

$$3) 2N - [-17 \ 22] = [3 \ -6]$$

$$4) \begin{bmatrix} 0 \\ a \\ 5 \end{bmatrix} - 2 \begin{bmatrix} 3 \\ -4 \\ b \end{bmatrix} = \begin{bmatrix} -6 \\ 5 \\ 1 \end{bmatrix}$$

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