Grade: **Day:**

Elementary Row Operations

Question 1:

Perform the row operation, $-6R_3 \to R_3$, on the following matrix.

$$\begin{bmatrix} -4 & 6 & 4 & 0 \\ 2 & -7 & -8 & 0 \\ 2 & -3 & 1 & -7 \end{bmatrix}$$

Question 2:

Perform the row operation, $R_1 \leftrightarrow R_2$, on the following matrix.

$$\begin{bmatrix} 3 & 0 & 0 & -1 \\ -3 & 2 & -6 & 1 \\ 4 & 2 & 7 & 9 \end{bmatrix}$$

Question 3:

Perform the row operation, $R_1 + 4R_3 \to R_1$, on the following matrix.

$$\begin{bmatrix} -3 & -4 & 3 & 0 \\ 9 & 7 & 1 & 2 \\ 2 & 8 & 6 & 5 \end{bmatrix}$$

LIVEWORKSHEETS