QUIZ NUMBER FOUR FOR MTH 221 AT 1 PM

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Find TWO elementary matrices J_1, J_2 such that $J_1J_2B = A$.

QUESTION 2. Let
$$A = \begin{bmatrix} -2 & 3 & 2 \\ 2 & 2 & 2 \\ -1 & -4 & 0 \end{bmatrix}$$
 and $B = \begin{bmatrix} -2 & 3 & 11 \\ 2 & 2 & 8 \\ -1 & -4 & -12 \end{bmatrix}$ Find an elementary matrix F such that $BF = A$

QUESTION 3. Find the product of $\begin{bmatrix} 1 & 0 \\ 5 & 1 \end{bmatrix} \begin{bmatrix} 1 & 0 \\ -6 & 1 \end{bmatrix} \begin{bmatrix} 6 & -4 \\ 2 & -6 \end{bmatrix}$ by using row operations ONLY.

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