241 a
$$\begin{pmatrix} 3 & 5 \\ 1 & 2 \end{pmatrix} \begin{pmatrix} 1 & -5 \\ -3 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

b $\begin{pmatrix} 3 & -6 \\ 1 & -6 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$

24.2 a $\begin{pmatrix} -1 & -1 & 1 \\ -1 & 3 \end{pmatrix} = \begin{pmatrix} 0 & 1 \\ 0 & 1 \end{pmatrix}$

b $\begin{pmatrix} 3 & 1 & 1 \\ 3 & 2 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 1 \\ 1 & 3 \end{pmatrix} = \begin{pmatrix} 0 & 1 \\ 0 & 1 \end{pmatrix}$

b $\begin{pmatrix} 3 & 1 & 1 \\ 3 & 2 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 1 \\ 1 & 2 & 3 \end{pmatrix} = \begin{pmatrix} 0 & 1 \\ 1 & 3 & 2 \\ 0 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 3 & 2 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 3 & 2 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 2 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 2 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 2 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 2 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 3 \\ 2 & 1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & 1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 1 & 3 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 2 \\ 2 & 1 & 2 & 1 \end{pmatrix} = \begin{pmatrix} 1 & -1 &$

3.14 a. |B-|AB| = (B) (A) (B) = (A) \ b. (A-|B-|AB| = (A) (B) (A) (B) = \