Solve the following matrix equation for x

Why_ $/begin {bmatrix}-3'8/ -9'5"/end{bmatrix}$"begin}a 'bmatrix}a 'd' tmatrix} plus $/begin {bmatrix}-3a-8c+4" -3b-8d-d_ $/begin {bmatrix}-3'8/ -9'5"/end {bmatrix}$"begin}a 'bmatrix}a 'd' tmatrix} plus $/begin {bmatrix}-3a-8c+4" -3b-8d-d♪ So we have the system of four equations $-3a- 8c+ 4= 5a+ 8c\-9a+ 5b+ 3= -a-c\-3b- 8d- 7= 5b+ 8d\-9b+ 5d- 2= -b-d$ Which is easy to solve for## Have you considered, since it's 2 for 2 matrices, just write X as $\begin{bmatrix}a & b\ c ' d \end{bmatrix}$ and then do the indicated operations? It's not good. 5b+ 5b+ 5d- 2\end{bmatrix}= \begin{bmatrix}5a+ 8c > 5b+ 8d \\ -a- c & d\end{bmatrix}$. So we have the system of four equations $-3a- 8c+ 4= 5a+ 8c\-9a+ 5b+ 3= -a- c\-3b- 8d- 7= 5b+ 8d\-9b+ 5d- 2= -b-$$$ It's easy to solve for(b) (c) and (d) equivalence of a graduated teacher in classes 1 to 1 mathematics leaves and visually gripping curricula...