Solve this, matrix equation.

Solve this matrix equation:
$$\begin{bmatrix} 22 & 48 \\ 78 & 2 \end{bmatrix} = 4 \begin{bmatrix} 7 & 0 \\ 2 & -3 \end{bmatrix} X - 2 \begin{bmatrix} 3 & 4 \\ -5 & 1 \end{bmatrix}$$

$$A = 4BX - 2C$$

$$+2C + 4C$$

$$A + 2C = 4BX$$

$$X = (4B)^{-1}(A + 2C) = \begin{bmatrix} 3 & 4 \\ -5 & 1 \end{bmatrix}$$

Solve this system of equations:

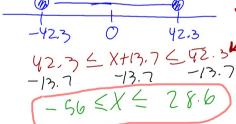
Solve this system of equations:

Solve.

This inequality tells me that the distance from zero is LESS than 42.3. In other words, you are closer than 42.3 from zero. Which means you are between -42.3 and 42.3

$$|x + 13.7| \leq 42.3$$

This leads to the following graph



This graph leads to the following inequality which you can solve