$$\det A = \left| \frac{1-2}{3-4} \right| = -4+6=2$$

$$X_1 = \frac{10}{2} = 5$$
 $X_2 = \frac{4}{2} = 2$

$$def A = \begin{pmatrix} 2 - 15 \\ 1 & 1 - 3 \end{pmatrix} = 2(1 + 12) + 1 \cdot (1 + 6) + 5(4 - 2) = 26 + 7 + 10 = 43$$

$$\det A_{1} = \begin{pmatrix} 10 & -1 & 5 \\ -2 & 1 & -3 \\ 1 & 4 & 1 \end{pmatrix} = 10 \cdot 13 + 1 \left(-2 + 3 \right) + 5 \left(-8 - 1 \right) = 130 + 1 - 45 = 86$$

$$def A_2 = \begin{pmatrix} 2 & 10 & 5 \\ 1 & -2 & -3 \\ 2 & 1 & 1 \end{pmatrix} = 2(-2+3) - 10(1+6) + 5(1+4) =$$

$$\det A_3 = \begin{pmatrix} 2 - 1 & 10 \\ 1 & 1 & -2 \\ 2 & 4 & 1 \end{pmatrix} = 2 \begin{pmatrix} 1 + 8 \end{pmatrix} + 1 \begin{pmatrix} 1 + 4 \end{pmatrix} + 10 \begin{pmatrix} 4 - 2 \end{pmatrix} = 18 + 5 + 20 = 43$$

$$X_1 = 2$$
 $X_2 = -1$ $X_3 = 1$