Une: Tome Musickabol Togopols tous nonep: 2001261067 Togopols Bagara 1: $\begin{vmatrix} x & 2x & 3 \\ 0 & x & 1 \\ 4x & -2 & 2 \end{vmatrix} = 0$ BUBU 8 $2x^{2} + 8x^{2} - 12x^{2} + 2x \ge 0$ $-2x^{2} + 2x = 0 : (-2)$ $x^{2} - x = 0$ x(x - 1) = 0 $x = 0 \quad \forall \quad x - 1 = 0$ × z1 Bagara 2: a) BC: \\ \(\text{BC} \\ \text{C-4} \\ \ \text{O} \) В, ×2-×1 × - 3 4+3 -4-3

C: 3x - 9 = -7y - 21 C: 3x + 7y - 9/21 = 0 C: 3x + 7y + 71 = 0 A (3,3) LBZ (-7, ha: -7(x-3)+3(y-3): ha: -7x+21+34+9=0 ha: -7x+34+11=0.(-1) he: 7x-3y-12=0 B) SABC = 9-12-12 tol=21 12 Hog

$$\frac{3agaxa}{A} = \begin{pmatrix} 1 & -5 & 7 \\ 0 & -9 & 2 \\ 2 & 1 & -3 \end{pmatrix}$$

$$\begin{pmatrix} 1 & -5 & 1 \\ 0 & -9 & 2 \\ 2 & 1 & -3 \end{pmatrix}$$

$$\begin{pmatrix} 1 & -5 & 1 \\ 0 & -9 & 2 \\ 0 & 0 & 1/2 \end{pmatrix} = 7cgA = 3$$

$$8) AX = B | A^{-1} o \pi A.$$

$$\begin{pmatrix} 1 & -5 & 1 \\ 0 & -9 & 2 \\ 2 & 1 & -3 \\ 3 \times 3 \end{pmatrix} = \begin{pmatrix} -1 \\ -1 \\ 2 & 3 \times 3 \end{pmatrix}$$

$$\begin{vmatrix} 1AI = *12 - 20 + 8 - 2 = -2 \neq 0 \\ AII = \begin{pmatrix} 1 \end{pmatrix}^{1+2} | 0 + 2 \\ 2 & -3 \end{pmatrix} = 10$$

$$A12 = \begin{pmatrix} 1 \end{pmatrix}^{1+2} | 0 + 2 \\ 2 & -3 \end{pmatrix} = -(0 - 4) = 4$$

$$A_{13} = (-1)^{9+3} \begin{vmatrix} 2 - 9 \end{vmatrix} = 8$$

$$A_{21} = (-1)^{2+2} \begin{vmatrix} 1 - 5 & 1 \end{vmatrix} = -(15-1) = -19$$

$$A_{22} = (-1)^{2+2} \begin{vmatrix} 1 & 1 \end{vmatrix} = -3 - 2 = -5$$

$$A_{23} = (-1)^{2+3} \begin{vmatrix} 1 & -5 \end{vmatrix} = -(1+10) = -11$$

$$A_{31} = (-1)^{3+1} \begin{vmatrix} -5 & 1 \end{vmatrix} = -(1+10) = -11$$

$$A_{32} = (-1)^{3+1} \begin{vmatrix} -5 & 1 \end{vmatrix} = -(2-0) = -2$$

$$A_{32} = (-1)^{3+2} \begin{vmatrix} 1 & -5 \end{vmatrix} = -(2-0) = -2$$

$$A_{33} = (-1)^{3+3} \begin{vmatrix} 1 & -5 \end{vmatrix} = -4 - 0 = -4$$

$$A_{41} = (-1)^{3+3} \begin{vmatrix} 1 & -5 \end{vmatrix} = -4 - 0 = -4$$

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$$A_{45} = (-1)^{3+3} \begin{vmatrix} 1 &$$