Tend - seminar

1) a) 
$$x: \begin{pmatrix} 2 & 3 \\ 5 & 4/5 \end{pmatrix}$$
 $y: \begin{pmatrix} -3 & -2 \\ 4/5 & 4/5 \end{pmatrix}$ 

$$3x = \begin{pmatrix} 6 & 3 \\ 4/5 & 4/5 \end{pmatrix}$$

$$x^{-1} = \begin{pmatrix} 1/6 & 1/9 \\ 1/5 & 4/5 \end{pmatrix}$$

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$$x^{-1} = \begin{pmatrix} 1/6$$

b) 
$$X: \begin{pmatrix} 0 & 9 \\ 1/2 & 1/2 \end{pmatrix}$$
  $Y: \begin{pmatrix} -3 & 1 \\ 1/4 & 6/4 \end{pmatrix}$   $X = \begin{pmatrix} -1 & 8 \\ 1/2 & 1/2 \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/4 & \frac{1}{3} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/2 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^2} \end{pmatrix}$   $X = \begin{pmatrix} 0 & \frac{1}{3^2} \\ 1/3 & \frac{1}{3^$ 

