1. Pf. D 16H, 16K. 16HMK (Lenky) @ at-Ink, btMAK. then abtH, abtK. 10 06 + MAK (1-shre) (3) a+H=) a-1+1. a+K=) a"(+K) so at HAK. (hverse). S= { identify. (12) } Choose g = (23). then g (12) g - 1 = (13) & 5 3. let y: x1->[1x] then $\psi(x+y) = \begin{bmatrix} 1 & x+y \\ 1 & 1 \end{bmatrix}$ $\begin{cases} \gamma(x) & \gamma(y) = (-1/x) \cdot (-1/y) = (-1/x) = (-1$ (y) Transifice. $a \sim b \cdot b \sim c = b = 9, ag, 7, c = 9, bg, 7$ $= (1 - 929, ag, 7927 = (929, ag, 7) = a \sim c$ (3) Symmetric $a \sim b = 3$ $b = gag^{-1} \Rightarrow a = (g^{-1}) \cdot b[g^{-1}]^{-1}$ (3) reflexive $a = |a|^{-1}$