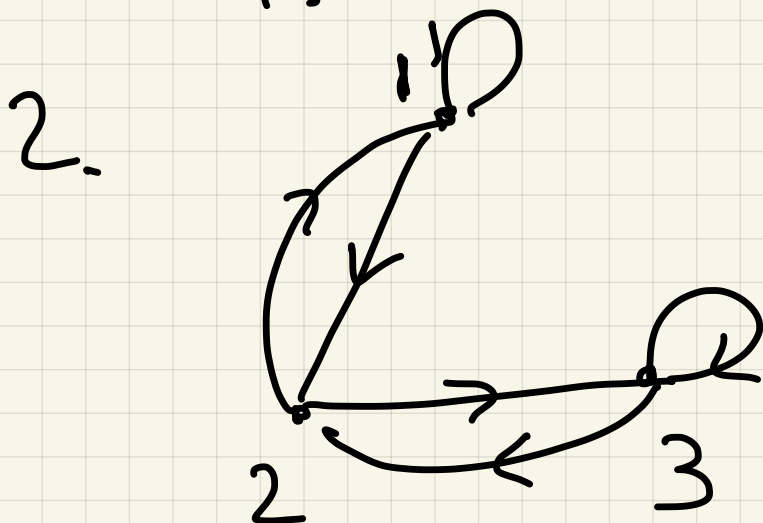
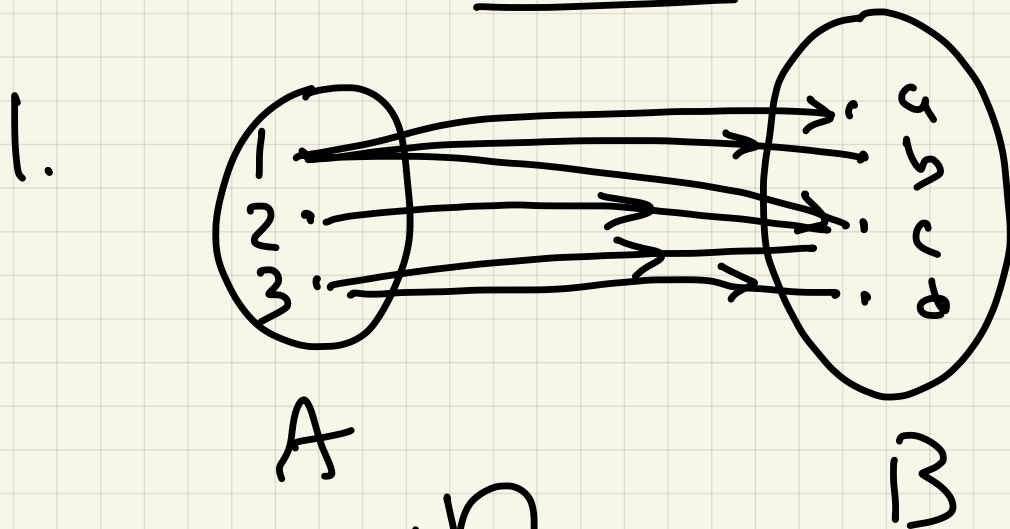


# Quiz 6



(a) 
$$M = \begin{pmatrix} 1 & 1 & 0 \\ 1 & 0 & 1 \\ 0 & 1 & 1 \end{pmatrix}$$

(b) Not reflex,  $\neg \exists R2$

(c) Not antireflex,  $|R1$

(d) Yes

(e) Not anti reflex  $|R2 \wedge \exists R1$  but  $l \neq 2$

(f) trans no,  $|R2 \wedge \exists R3$  but  $\neg |R3$ .