The four rules in pre	edicate logic	proofs	
Easy are:			
$\forall x \ \forall x \ (x) \ (x) \ \forall x \ (x) \ (x$	$(2\times \times)$		
$Y(c) E_{V} P_{c} \rightarrow C$			
7 evamo	ole:		
f $\psi(c)$ $Pc \rightarrow 6$?cc		
$J_{x} \varphi(x) I_{J} J_{x}(p_{x} \rightarrow$	Qxx) Ij		
There is no induced constants. The follow	ent when intwing two rule.	broducing the do, however	
	.0 \	cample:	
To (universal			۲۲.)
C (universale constant	2. Vx P		
	3	Pc→Qc, Ci	mis Ext
14(c)	4.	Pc d	= × (2)
XxY(x) IV	5	Qc E	(3, Y)
	6. 4x	Q_{\times}	I y (3,5)
	(hok: line been split	2 3 could have	rli
	3	c univ.	constant
	4	R→Qc,	$E_{\forall}(1)$

1.
$$\forall x (Px \rightarrow Qx)$$
 (given ass.)
2. $\exists x Px$ (given ass.)
3 Pc cexist. constant (2)
4. $Pc \rightarrow Qc$ $E_{\gamma}(1)$
5 Qc $E_{\gamma}(3,4)$
6 $\exists y Qy$ $I_{\overline{J}}(5)$
7. $\exists y Qy$ $E_{\overline{J}}$

(so this proves $\forall x (p_x \rightarrow Q_x), J_x p_x \models J_y Q_y$)

Perhaps to remember: