1. a=b	⊢ a=bA
2. b=c	⊢ b=cA
3.	⊢ a=a=I
4. a=b	\vdash a=b \land a=a
5.	\vdash $(a=b \land a=a) \supset b=a$ =E
6. a=b	$\vdash \ b \texttt{=} a \qquad \qquad$
7. a=b, b=c	\vdash b=a \land b=c
8.	\vdash (b=a \land b=c) \supset a=c $=E$
9. a=b, b=c	⊢ a=c