55 Prove

(a) *$S = ¢~S*

(b) *A∈S* = *A*:~*S*

After trying the question, scroll down to the solution.

(a)		$\$S = ¢\sim S$	
§		$\$S$	a set law
	=	$\$\{\sim S\}$	another set law
	=	$¢\sim S$	
(b)		$A \in S \equiv A{:}\sim S$	
§		$A \in S$	a set law
	$\equiv$	$A \in \{\sim S\}$	another set law
	$\equiv$	$A{:}\sim S$	