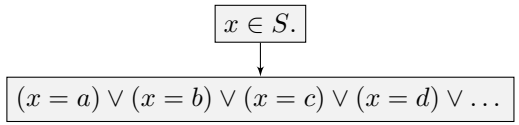
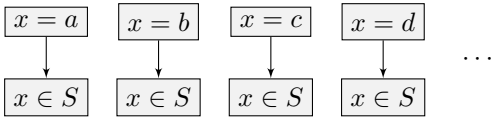
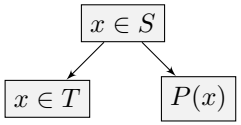
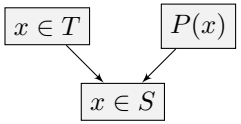
Flowchart forms for using/proving $x \in S$

	Using $x \in S$	**Proving $x \in S$**
$S = \{a, b, c, d, \dots\}$ Roster method		
$S = \{z \in T : P(z)\}$ Set-builder notation		
$S = \{f(c) : c \in R\}$ Rewrite: $S = \{z : \exists c \in R \text{ s.t. } z = f(c)\}$ Gather using "running set" R