

Premise (P)
& Hypothesis (H)

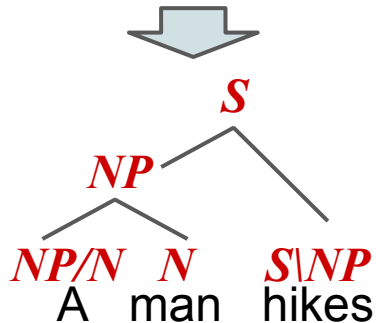
Syntactic Parsing

Semantic Parsing

Theorem Proving

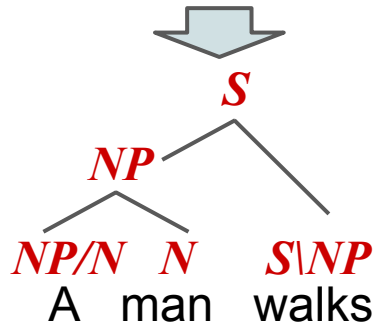
{ yes, no, unknown }

T: A man hikes.



$\exists x. \text{man}(x) \wedge \exists e. \text{hike}(e) \wedge \text{subj}(e, x)$

H: A man walks.



$\exists x. \text{man}(x) \wedge \exists e. \text{walk}(e) \wedge \text{subj}(e, x)$