

What is a *metavariable*?

What is a *metatheory*?

Why can the definitions of language's syntax get away with not mentioning parentheses?

Name four ways to define the syntax of a language.

Inference rules with no premises are called ...

Why are inference rules actually *rule schemas*?

What are the three primary approaches to formalizing a language's semantics?

Define *operation semantics*.

In the framework of operational semantics,
proofs on the behavior of a program amount
to what?

Define *denotational semantics*.

Giving a language denotational semantics
involves what?

What is *domain theory*?

Define *axiomatic semantics*.

What are the most difficult cases for denotational and axiomatic semantics.