

### Propositions and Truth Tables

#### Terms & Definitions

logic	the study of formal reasoning
proposition	a statement that is either true or false
truth value	a value indicating whether the proposition is actually true or false
truth table	the truth value of a proposition
compound proposition	connected propositions with logical operations
logical operation	combines propositions using a particular composition rule

#### Facts

A `question` is not a proposition. A `question` is neither true nor false.

A `command` is not a proposition. A `command` is neither true nor false.

A `statement` is a proposition. A `statement` is either true or false.



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