

Math 2283 - Introduction to Logic

Quiz #1 - 2016.01.13 Solutions

1. A statement which can be determined to be true or false is called what?

A sentence.

2. If you substitute constants for variables in a designatory function, what do you end up with?

A constant.

3. If you substitute constants for variables in a sentential function, what do you end up with?

A sentence.

4. What do the symbols \forall and \exists represent?

The symbols \forall and \exists are quantifiers, the first being the universal quantifier, the second being the existential quantifier.