

# Math 2283 - Introduction to Logic

Quiz #1 - 2012.08.22

Solutions

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1. What is the definition of a sentence?

A sentence is a statement which is either true or false.

2. What two types of quantifiers are discussed in this section?

The two quantifiers are universal and existential.

3. What happens when a quantifier is applied to a variable?

The variable becomes bound, i.e. it acts as a constant.