**Logic and Sets - Transformative**

**Logic and Sets - Reductive**

**Rules of Inference**

**Quantifiers and Universals**

* : For some/there exist(s)
* : For all
* : Such that/so that

**Given** :

* + Its *contrapositive* is true
  + Its *converse* may or may not be true
  + Its *inverse* may or may not be true