MATH 302 Discrete Mathematics
Assignment 4. Due on Wednesday, February 22, 2017

Read: Sections 1.6–1.7.
Definition: Write down the definitions for the following terms. [5 points]
universal instantiation
rational
fallacy of affirming the conclusion
fallacy of denying the hypothesis
Proofs by contradiction

Problems to be graded: [20 points]
§1.6/ 14, 20, 24, 26, 27, 35
§1.7/ 9, 12, 17, 18

Practice problems:
§1.6/ 3, 5, 9, 10, 15, 19, 23, 29.
§1.7/ 7, 11, 15, 16, 27.