

L1. Mathematical Logic.
Homework Assignment #5.

Exercise 1: Ex. 7, p. 123.

Exercise 2: Ex. 8, p. 123.

Exercise 3: Ex. 11, p. 124.

Exercise 4: Ex. 14, p. 124.

Exercise 5: Prove that $\mathcal{S}(t) = t$, for any term t
(where s is the valuation defined on page 131).

Exercise 6: Ex. 13, p. 124.

Exercise 7: Prove conditions (i), (ii) and (iii) on page 134.

Exercise 8: Ex. 6, p. 140.

Deadline: Wednesday, January 28.