

Logic I
Fall 2009
Problem Set 6

1. Provide a proof of 6.4.11c in TLB (pg. 272). You may assume any numbered claims in TLB before 6.4.11c **except** 6.4.1, 6.4.3, and 6.4.8. (You may appeal to, e.g., 6.4.11a if necessary.)
2. Establish Case 3 of the inductive step in the proof of 6.4.8 (see pg. 274 of TLB). You may assume any numbered claims in TLB before page 274 **except** 6.4.1, 6.4.3, and 6.4.8. (You may appeal to, e.g., 6.4.11c if necessary.)
3. Complete exercise 6.4E (8) from TLB, pg. 275.

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