Computability   Winter 2007

First-Order Logic   Assignment #8

This assignment is due in class on Thursday, March 8.

A. p. 129, #2

B. p. 130, #4
   Hint: Use the metatheorems to show that this is possible, and then follow the constructions
   in the proofs of the metatheorems to obtain the desired deduction.

C. p. 130, #6

D. p. 130, #11

E. p. 104, #14

Optional Problems: Section 2.3, #13, #15, #16, #17

If you do any optional problems, please submit them separately, as I (Brian), not the
grader, will be reading them.

NOTE: Several students in this class have missed more than two homework assignments,
and two assignments is the most you can miss without losing credit. If you're such a
person, I want to let you know that you may still be able to get credit; if your portfolio
of logic homework is complete at the end of the quarter, even if some of it was done late,
you're likely to get credit (assuming you do passing work on the final exam). And now,
an exception and two notes:

Exception: If you failed to submit more than half of the assignments on time, you won't
get logic credit. So, for example, if you're missing 5 or more assignments at this point,
you're not going to get credit in logic.

Note: Complete means *complete*. Each assignment needs to be completely done.

Note: If you're not sure what you've turned in, please feel free to check with me.