Homework 6: Due Monday November 9, 10:30AM

Please complete the following questions, writing out each solution as a proof (in the style used in lectures) explaining your answers in complete English sentences.

- 8-14 a), b)
- 8-15
- 8-16
- 8: Appendix - 1 a), b), c).

I strongly encourage discussing the problems with other students but work should be written up individually. Latex documents are encouraged. Bad handwriting is discouraged. Late hand-ins are not accepted and receive a score of 0.

Jonathan Hickman, Department of Mathematics, University of Chicago, 5734 S. University Avenue, Eckhart Hall Room 414, Chicago, Illinois, 60637.

E-mail address: jehickman@uchicago.edu