Math 444 **Geometry for Teachers** **Fall 2006**
Assignment #3 (Due Wednesday, 10/18/06)

Reading: Venema, Chapters 1 and 2 (pp. 1–31).

Reading Report: Due Sunday, 10/15 (I really mean the 15th this time!), by midnight.

Written Problems: All from Venema.

- Venema, pp. 13–14, Exercises 1.7 and 1.8. *[Note: for 1.8, you should write a proof in the same style as you used for Assignment #2. Your proof should rely only on Euclid's definitions, postulates, and Propositions 1.1–1.5.]*

- Venema, pp. 29–30, Exercises 2.1, 2.2, 2.3, 2.4, 2.5. *[Note: When Venema says to "explain" something, you should just give a convincing reason why it is true, expressed in ordinary English. You do not need to give a formal mathematical proof.]*