

**Reading:** Venema, Chapters 2 and 3.

**Reading Report:** Due Tuesday, 1/27, by midnight.

**Written Problems:** Due Wednesday, 1/30, in class.

- 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, common notions, and Propositions 1–5 of Book I.*]
- Venema, pp. 29–30, Exercises 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9. [*Note: In this chapter, 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.*]