

Assignment #1 (Due Wednesday, 1/16)

Reading: Euclid, Book I: Definitions, Postulates, Common Notions, and Propositions I.1–I.5 (this means the first five propositions from Book I).

Reading Report: Due Sunday, 1/13, by midnight. Go to the class web page and click “GoPost on-line discussion group.” Then click on the discussion area for this week’s reading report. (See the syllabus for guidelines about what to write.)

Written Problems:

1. Make a list of all general geometric facts (theorems, definitions, or known properties) that are needed to solve the three challenge problems on Handout #2.
2. Write up your solution to each of the challenge problems clearly and thoroughly. At each point where you use one of the geometric facts from your list, be sure to refer to it explicitly.
3. Rewrite the statement and proof of Euclid’s Proposition I.5 clearly, using modern language and terminology.