

## Mathematics 446 — Spring 2005 — seventh assignment

This is due next Wednesday, March 2.

1. Read and reprove in your own words Euclid's *Elements*, VI.2 and VI.4. Be very careful in at least restating the results he uses from earlier books, especially Book V. In particular, state those results clearly in modern form.
2. State and prove in your own words Euclid V.16. Do not prove all the earlier results from Book 5 that it depends on, but state those results clearly in modern form.

You may combine parts of these questions in one summary of results from Book V.