

Math 4060 (Cherry)

Reading and Individual Study

Carefully read section 7 of Hartshorne.

Written Assignment #19 Due Monday, March 20

Hartshorne Exercises 7.1 and 7.2. *Hint:* 7.2 follows from 7.1.

Written Assignment #20 Due Wednesday, March 22

Hartshorne Exercises 7.7 and 7.10.

Written Assignment #21 Due Friday, March 24

Hartshorne Exercise 7.15.

Note that this exercise helps illustrate exactly how Hilbert's betweenness axioms let you rigorously justify what kinds of possible pictures can occur in a geometry problem.