Math 300 · Spring 2010 · Homework 04

Due February 16

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Name

Be sure to follow the "Writing Guidelines" handout when presenting your solutions.

For this homework set you are allowed to work with other members of either of the geometry classes. However, you must cite everyone with whom you have discussed your problem.

In addition, you may **NOT** consult with anyone (except me) when you write your paper explaining your problem(s).

"Poetry is a subject as precise as geometry." -Gustave Flaubert, novelist (1821-80)

"A proof tells us where to concentrate our doubts." — Morris Kline

Problems

- (Not turned in for a grade) Be able to explain any and all of the proofs in the Projective Plane Worksheet.

1. (**Everyone**) Do Major Exercise 5 of Chapter 2.

2. (**Everyone**) Do either Major Exercise 2 or Major Exercise 4 of Chapter 2, but not both.