

FOUNDATIONS OF ALGEBRAIC GEOMETRY PROBLEM SET 12

RAVI VAKIL

This set covers classes 17 through 29.

Please *read all of the problems in these classes (if you haven't before)*, and ask me about any statements that you are unsure of, even of the many problems you won't try.

Hand in six solutions, including at least three from classes 28 and 29. Also, pick one problem (which need not be one of the seven) that you find the most interesting, and explain why (in a couple of sentences).

If you are ambitious (and have the time), hand in more problems. Try to solve problems on a range of topics, perhaps even one from each class. Try some hard problems as well as some easy problems. You are encouraged to talk to each other, and to me, about the problems. Some of these problems require hints, and I'm happy to give them!

Please hand in the problem sets in my mailbox by the afternoon of **Wednesday, February 20**.

E-mail address: `vakil@math.stanford.edu`

Date: Friday, February 8, 2008.