Math 116   Spring, 2012

Professor K. A. Ribet

Assignment due January 33, 2012

It's OK to turn in the assignment on Febraury 2.

The assigment consists of one problem from Chapter 1 and a bunch from Chapter 2:

Do problem 1.28 (page 53) using `sage`: figure out how to calculate $\mathrm{ord}_p(i)$ in `sage` and then zip through the calculations.

Problems 1.31; 1.32a–c (using `sage`); 1.33; 1.34; 2.4 (page 105), using `sage`—do all parts; 2.6 (OK to use `sage` for the "Can you figure out. . . "); 2.7; 2.8 (again, OK to use `sage`); 2.10; 2.17c (using `sage` as we did in class); 2.18c–e (OK to use `sage`); 2.19; 2,28c–d (using `sage` as we did in class).