Algebraic number theory (Spring 2013), Homework 8

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Due Wednesday, May 8

Note: Any homework turned in after Thursday, May 2 at noon should be sent to me by e-mail, so I can grade it from the road.

1. (10 points) Summarize what you learned in Robert Lemke Oliver's talk.

2. (10 points) Robert's paper is available here:

   `http://www.mathcs.emory.edu/~rlemkeo/papers/08MultiplicativeArtin.pdf`

   Elaborate on his Example 1, give more thorough justification of the algebraic number theory claims being made.

3. (15 points) Do this same for Example 3.