Notes for Math 98T, March 31, 2008

- Introduce myself. (5 minutes)
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- Have students introduce themselves. (10 minutes)
  Name? Year? Major? Why did you take this class?

- Syllabus, assignments (5 minutes)
  - Project list out next week
  - Read ahead of time!
  - Let me know if you have a particular interest for the projects.
  - If you write code for any homework problem, email me the code.

- Pep talk (5 minutes)
  - Math is not a spectator sport!
  - Read everything. Then again. And again ...

- Math! (20 minutes)
  - Write down a few elliptic curves. Talk about $E(R)$ for a ring $R$.
  - Graph $E(\mathbb{R})$.
  - A few notations: $\mathbb{Z}, \mathbb{Q}, R, \in, \forall, \exists, \ldots$
  - Why do we care? (BSD, Crypto & factoring, physics, ...)