Due in class on Tuesday, 31 March 2009.

Here are questions to work on and readings for Lecture 6 (March 31). The only item to bring in is your writeup for Problem 2, so that you can trade it with a colleague. (And bring your problems from last time to exchange, which I forgot to arrange in lecture on the 17th.)

1. **Readings on lectures and interactive teaching**
   
   This week's readings are related to lectures and interactive teaching - the topic of the next lecture:
   
   
   

   Read all three! One is short (two pages), one is written in a highly enjoyable style (it’s a transcript of a wonderful talk), and all are interesting. Write a question about each reading for yourself (no need to turn it in).

2. **Big ideas**
   
   For a course that you might teach or would like to teach, look through the standard course materials (e.g. the usual textbook and problems), and find several – perhaps four or five – big ideas or core reasoning methods around which to reorganize the course. If you find more than five, try to clump them as I did for the Art of Approximation course (which had eight ideas).
   
   Then select topics and examples for each big idea, and thereby make a rough course outline.

3. **Holiday**
   
   Have a good spring break!