

# Assignment I Math 592: Geometry and Proof

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Fall 2005

- due Sept. 10
1. In Tarski's World: Read for Sept. 10: chapter 2.1-2.7 and 3.1 to 3.7. Do as much as you need of the exercises and problems. I would suggest that you do for example part of each of the first 7 problems. (Depending on your previous experience, you may find that once you get the idea further examples are just boring. It is usually good to skip to the end of the list to test your proficiency.) Up to 3.7 there are 26 problems. Hand in on Sept. 10 a statement as to which of them you have done and any questions you have. Feel free to e-mail me with questions [jbaldwin@uic.edu](mailto:jbaldwin@uic.edu) or phone 312-413-2149 (although I am in and out of my office).
  2. Find confusions between definitions and theorems in a secondary or beginning college text. (Give one example or a statement that you looked at three named books and didn't find any such confusion.)
  3. Read from Shapiro's article on web-site. Pages 63 through 67-68 are relevant. Don't worry too much about technical terms like structuralism; it is the historical survey and summary of the controversy around 1900 that is important for us.