

IDS 101-32 Doing Mathematics

Paper Assignment 1

Draft 1 due **10/10** at class time. Please bring four copies to class.

Final draft due **10/19** at class time.

1. Purpose: To learn to write a mathematics paper that demonstrates your work on your project.
 - Skills:
 - Write an abstract.
 - Write clear definitions and theorem statements.
 - Write convincing arguments that demonstrate that your claims are true.
 - Use software to create any needed diagrams or figures.
 - Knowledge:
 - Appropriate citation techniques. For this paper, use Chicago guidelines.
 - Sensitivity to language (including GSP).
2. Tasks:
 - Write a short paper with an introduction and your results so far.
 - Write an abstract for your paper.
3. Mechanics:
 - The paper should be about 3-5 pages double-spaced in an easily readable 12-point font.
 - Use Chicago style guidelines for this paper.
 - Observe conventions of grammar, spelling, and punctuation.
4. Criteria for success
 - Did I write a clear abstract that describes the basic ideas and goals of the paper?
 - Did I write an introduction that provides the background necessary to understand the rest of the paper?
 - Did I write arguments that logically prove my claims?
 - Did I pay attention to the mechanics of my writing?