

**Mathematics 5**  
**Winter Term 2011**  
**The World According to Mathematics**

**Dwight Lahr**

**Weekly Schedule: Week #6**

Readings:

Lahr—3.5, 3.14, 3.15

Final paper: The paper is to be a (quoting from the course requirements) “seven-page double-spaced research paper on a mathematical application in the everyday world. All papers must contain at least 20% mathematics, involve mathematical ideas, and develop material that goes beyond what is covered in class... You might want to discuss your ideas with your instructor. ...[The paper is] due on first day of finals: Saturday, March 12.” Ann Perbohner, Reference/Bibliographer for Mathematics and Computer Science, has already taught us how to do library research, and there is a link to the Library Guide for m5w11 on the Student Writing tab of our class website.

Exercises:

- |                       |   |
|-----------------------|---|
| Monday 2/7—due:       | •Read 3.4   |
| Wednesday 2/9—due:    | • Exercises 3.5: 2, 4, 6ade, 8, 9   |
| Friday 2/11—no class: | • Winter Carnival   |
| Due Monday 2/14:      | •Exercises 3.15: 3, 4, 5, 6bc<br>•Read Intro to Chap 4                          |
| Friday 2/18—Hand in:  | 3.5: 3, 6c, 10; 3.15: 6ad; 3.15: 6ad<br>[there will be others added next week.] |

Friday discussion:

Have a great Winter Carnival.