

Mathematics 5
Winter Term 2011
The World According to Mathematics

Dwight Lahr

Weekly Schedule: Weeks #9 and #10

Readings:

Lahr—4.1 through 4.5.

Maple Worksheets for sending secret messages— get them from the “Maple Stuff” page of the Math 5 website.

Exercises:

Monday 2/28—due:

- Exercises 4.3: 5ab, 7b, 8b, 10ab
- [omit : Exercises 4.3: 12, 13, 14]

Wednesday 3/2—due:

- Read 4.4
- Exercises 4.3: 10d, 11c, 13; 4.5: 1a

Friday 3/4—hand in:

- Exercises 4.5: 2, 3, 4, 6
- Group Presentations (2)

Monday 3/7—due:

- Get Maple worksheets for sending secret messages: we will discuss in class.

Wednesday 3/9—due:

Last day of class: **Final Paper due on first day of finals, Saturday, March 12.**

- Get the homework worksheet on the Maple page of the Math 5 website and decode the message.

Friday, March 4—Group Presentations:

1. Polish mathematicians and the Enigma code: How did they shorten a war with math but got no credit?
2. Hypatia of Alexandria Mathematics and Society: How do they talk to each other?