

**Mathematics 5**  
**Winter Term 2012**  
**The World According to Mathematics**

**Dwight Lahr**

**Weekly Schedule: Week #7**

Readings:

Lahr—4.1 through 4.3.

Quiz2: Math problems—in class next week on Wednesday, February 22; covers chap 6 (parts), and 2.6 through 4.3: 1-4, 5, 7.

Exercises:

Monday 2/13—due:

- Exercises 3.15: 3, 4, 5, 6bc
- Read Intro to Chap 4
- Try the new revised primetester-m5w12 with Euclid, p = 191.

Wednesday 2/15—due:

- Exercises 4.1: 1bd, 2ab, 3a, 4b, 10, 11, 12,14
- Read 4.2

Friday 2/17—Hand in: **(All probs. of the type on the right are among those on the exam.)**

- fr. Week #6: 3.5: 3, 6c, 10; 3.15: 6ad; 3.15: 6ad
- 4.1: 1d, 2b, 4b, 11, 13

Monday 2/20—due: **Probs. of this type also are on the exam.)**

- Exercises 4.3: 1ac, 2ac, 3, 4, 5ab, 7d

Friday discussion this week 2/17:

Group presentation— be there for the discussion of the interplay between theoretical and applied math.

Hans Peter Luhn: His algorithm and how it is used in the world today?