Mathematics 5
Winter Term 2011
The World According to Mathematics

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<u>Weekly Schedule: Week #5</u>

Readings:

Lahr—6.5; 3.4, 3.5, 3.14, 3.15.

Exercises:

Monday 1/31—due:	• Exercise 6.5: 1
Wednesday 2/2—due: Find the sums:	• Geometric sums: review fr. Mon. class. • 1 + 1/3 + 1/9 + 1/27 + 1/81 + …. • ¼ + 1/16 + 1/64 + …
Friday 2/4—due	• Read 3.4 • Exercises 3.5: 2, 4, 6ade, 8, 9 [if you can, otherwise postpone]
Friday 2/4—Hand in:	6.5: 3; ¾ + 9/16 + 27/64 + … = ?; [next week: postpone due to snow-- 3.5: 3, 4, 6c]

Friday discussion 2/4: Group Presentations—be there.

    1. Kurt Gödel:
        The Power of Mathematics: Is it limited?

    2. Internet IP Address Management:
        What are the issues? IPv4, IPv6, other technology?