MATHEMATICS 300 — FALL 2001

Introduction to Mathematical Reasoning

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October 31, 2001

1 The second midterm

REMINDER: the date of the second midterm is *Wednesday, November 28.*

2 Homework assignment due on Wednesday, October 31

- Book, Section 10, problem 25.
- Book, Section 11, problems 1(c)(d)(e), 2(a)(b)(c)(e), 3(b)(d)(e), 5, 6, 8(a)(b), 11.

3 Homework assignment due on Wednesday, November 7

- Book, Section 12, problems 1(b)(c)(d)(e), 2(second statement), 3, 5(b)(c)(d)(f), 7, 8, 9, 12.
- How many different equivalence relations are possible on a five-element set?
- Book, Section 13, problems 1, 2, 3, 4, 7, 8, 9, 11, 12 13, 14, 15.