

# Review for Final Exam

## Final Exam

Date: Saturday, December 9

Time: 10:30 am - 1:00 pm

Venue: MA 112

The final exam is comprehensive:

Appendix, Algebra Supplement,

Chapters 1-5 (omitting 3.11, 3.12, 5.6)

1. Representative problem types (from 3.7-5.7) for which you should be accountable

3.7 1-3

3.8 4

3.9 1

3.10 1-3, 5

4.1 3, 5, 7-8, 12-13, 19

4.2 3, 7-8

4.3 1, 6, 10-11

5.1 2-5, 7-9

5.3 1, 4

5.4 2-4, 6-7, 9

5.5 1-2, 4-5, 8-11, 13-14, 18, 21

5.7 1, 3

2. Theorems whose proofs/proof styles (from 3.7-5.7) you should know

4.1 C

4.3 B

5.1 B

5.2 D

5.3 C, E, G

5.4 C, E, G

5.5 D, G, H