

Abstract Algebra (Math 327)

Assignments

Fall Semester, 2005

Assignments are listed by the **date due**.

PDF and DVI (requires TeX^1 software) versions of this page are available for printing.

Most of these assignments are simply exercises designed to prepare you for the quizzes and the written assignments. Those which are to be submitted as written assignments are so labeled. While you may find it helpful to discuss the exercises with others, no collaboration is permitted on the written assignments.

Tue., Dec. 13:

Final Examination 3:30 – 5:30

End of Semester Office Hours

Fri., Dec. 9 2:45 – 3:30
Mon., Dec. 12 12:30 – 1:30 and 2:30 – 3:20
Tue., Dec. 13 12:30 – 1:30

Fri., Dec. 9:

Quiz

Review Session: bring questions

Wed., Dec. 7:

Written Assignment No. 5 (also available as PDF or DVI or classical HTML) is due

Mon., Dec. 4:

Read: § 32

Exercises:

272: 26, 27, 30 – 32
291: 7 – 10, 18, 19, 22 – 25
299: 1, 3 – 6

Fri., Dec. 2:

Read: § 31

Exercises:

252: 30 – 32
272: 23 – 25
280: 16, 17, 23
291: 1 – 6, 14 – 16

Wed., Nov. 30:

Quiz

Read: § 30

Exercises:

226: 7, 8, 9, 11
243: 28, 30 – 32, 37
252: 25, 28
272: 17 – 21
280: 1 – 6, 10, 15

Mon., Nov. 28:

Read: § 24

Exercises:

¹URI: <http://www.tug.org/>

219: 31, 34, 36
226: 1, 2, 4, 5
243: 18 – 20, 23, 26
252: 18, 24
272: 8, 10, 11

Mon., Nov. 21:

Written Assignment No. 4 (also available as PDF or DVI or classical HTML) is due

Fri., Nov. 18:

Quiz

Read: § 29

Exercises:

219: 23, 24, 27 – 29
243: 8, 9, 12, 14
252: 6, 9 – 14, 17
272: 1, 2, 4, 6

Wed., Nov. 16:

Read: § 27

Exercises:

208: 28, 29
218: 16, 17, 20, 21, 25
243: 2, 3, 5 – 7
252: 1 – 5

Mon., Nov. 14:

Quiz

Read: § 26

Exercises:

208: 20 – 22, 25, 27
218: 7, 8, 12 – 14, 18
243: 1

Fri., Nov. 11:

Written Assignment No. 3 (also available as PDF or DVI or classical HTML) is due

Wed., Nov. 9:

Quiz

Read: § 23

Exercises:

177: 52
207: 15 – 19, 23, 24
218: 1 – 4, 9 – 11

Mon., Nov. 7:

Exercises:

160: 18
176: 41, 44, 45
183: 30
190: 24, 28, 29
197: 12
207: 7 – 14

Fri., Nov. 4:

University Recess: no class

Wed., Nov. 2:

Quiz

Read: § 22

Exercises:

160: 12, 14, 16
176: 37 – 40
189: 23, 27
196: 3 – 5
207: 1 – 6

Mon., Oct. 31:

Read: § 21

Exercises:

151: 39, 40
164: 4
174: 29 – 35
182: 23 – 29
189: 11, 14, 17, 19
196: 1, 2

Fri., Oct. 28:

Read: § 20

Exercises:

151: 34, 36, 37
160: 17
174: 22 – 28
182: 15 – 19
189: 1 – 10

Wed., Oct. 26:

Midterm Test

Mon., Oct. 24:

Review Session: bring review questions

Fri., Oct. 21:

Quiz on definitions

Read: § 19

Exercises:

174: 14 – 21
182: 1 – 14

Wed., Oct. 19:

Quiz

Read: § 18

Exercises:

151: 28 – 31
160: 11, 13, 15
164: 2, 3
174: 1 – 13

Mon., Oct. 17:

Read: § 17

Exercises:

142: 39, 41
151: 24 – 27
159: 6 – 10
164: 1

Fri., Oct. 14:

Quiz on definitions

Written Assignment No. 2 (also available as PDF or DVI or classical HTML) is due

Wed., Oct. 12:

No class.

University recess begins at 1:30 p.m. this day.

Mon., Oct. 10:

Read: § 16

Exercises:

135: 48 – 51, 53, 55

142: 37, 38

151: 14, 20 – 22

159: 1 – 5

Fri., Oct. 7:

Quiz

Read: § 15

Exercises:

112: 40, 41, 49, 50, 51

133: 34 – 36, 41 – 43, 44, 46

142: 9, 12, 15, 30, 33, 34, 36

151: 1 – 5, 13

Fri., Sep. 30:

Quiz on definitions

Read: § 14

Exercises:

103: 42, 45, 46

111: 23, 24, 33, 34, 39

133: 17, 21, 23, 25 – 27

142: 1 – 8, 21, 24, 27, 29

Wed., Sep. 28:

Written Assignment No. 1 (also available as PDF or DVI or classical HTML) is due

Mon., Sep. 26:

Read: § 13

Exercises:

96: 30, 34 – 38

101: 36, 37, 39, 40

110: 7 – 9, 16, 21, 22

133: 1 – 7, 9, 11 – 14, 16

Fri., Sep. 23:

Quiz on definitions

Read: § 11

Exercises:

86: 46, 49, 52

94: 15, 17, 27, 30

101: 16, 19, 26 – 29

110: 1 – 5, 11

Wed., Sep. 21:

Quiz

Read: § 10

Exercises:

86: 36, 37, 40, 41, 44, 45

94: 3, 6, 9, 11, 13

101: 1 – 3, 6, 7, 12 – 15

Mon., Sep. 19:

Read: § 9

Exercises:

58: 53, 54, 56

67: 49, 50, 53

84: 21, 23 – 26, 30 – 32

94: 1, 2, 4, 7, 10

Fri., Sep. 16:

Exercises:

49: 34, 41

58: 43, 47, 50, 52

67: 33 – 37, 46, 48

84: 17, 18, 20 – 22

Wed., Sep. 14:

Quiz

Read: § 8

Exercises:

47: 23, 24, 26, 29, 30

55: 23, 26 – 29, 34, 35

66: 18 – 20, 23, 28

83: 2, 3, 5, 6, 8, 10 – 12

Mon., Sep. 12:

Read: § 6

Exercises:

36: 26, 27, 33

45: 11 – 15, 19, 20

55: 12 – 16, 20, 22

66: 1, 4, 7, 10 – 15

Fri., Sep. 9:

Read: § 5

Exercises:

34: 11 – 15, 19

45: 6 – 10

55: 1 – 10

Wed., Sep. 7:

Short quiz

Read: § 4

Exercises:

19: 38, 41

26: 20, 21, 28

34: 6 – 10

45: 1 – 5

Mon., Sep. 5:

University Recess

Fri., Sep. 2:

Read: § 3

Exercises:

19: 14 – 22, 28, 36

26: 8 – 12, 18

34: 1 – 5

Wed., Aug. 31:

Reading: Scan Ch. 0; Read Ch. 1, §§ 1 – 2

Each of the following exercises may be done quickly if you have paid close attention to the definitions in the reading.

Exercises:

19: 1 – 13, 29 – 32

25: 1 – 7

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