

Homeworks

Homework Policy:

- Homework will be assigned weekly during class on Wednesdays, and will be due the following Friday; that is, you will get 9 days to complete the assignment.
- Your work in college should be largely self-motivated, so only a random sampling of the problems assigned will be graded. Your homework grade will count for 25% of your final grade.
- I am tentatively reserving Wednesdays for homework problem discussion—because of this, I would appreciate if you do not use lecture time on Mondays, Tuesdays, and Fridays to ask homework questions. However, you should feel free to approach me before or after class on any day with questions.

Optional Prerequisite Homework (**Due 8/30**) *Don't forget! You do not have to turn this homework in because there will be an EXTRA CREDIT QUIZ on 8/30 that will test your familiarity of the prerequisite material. All quiz questions will be directly from this set of problems, and the only thing you can use on the quiz is solutions you prepared to the assigned problems.*

Problems:

§2.3 # 10, 12	§2.4 # 8, 12, 18, 36, 37	§2.6 # 28, 30, 38, 40
§2.8 # 2, 4, 10, 12, 18, 36	§2.9 # 18, 20	§3.3 # 2, 8, 12, 14, 18, 24, 26, 28, 34, 38, 50, 52
§3.4 # 4, 6, 8, 10, 14	§3.5 # 12, 16	§5.1 # 2, 6, 16, 22, 26
§5.8 # 2, 6, 10, 14, 18, 24, 26		

Homework # 1: Chapter 7, Sections 1-4 (**Due 9/8**)

This homework and homework # 2 will be due TOGETHER on 9/8.

Problems:

§7.1 # 5, 8, 14, 18, 20, 27, 28, 39	§7.2 # 22, 27, 32, 39, 41, 44a, 44c
§7.3 # 4, 6, 16, 18, 20, 31, 34	§7.4 # 3, 4, 17, 24, 28, 31, 35, 44

Problems marked (+1) were worth 2 points. Unmarked problems were each worth 1 point.

Graded Problems:

§7.1 # 20, 28	§7.2 # 32(+1), 41	§7.3 # 4, 16, 31	§7.4 # 17, 31
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Homework # 2: Chapter 7, Sections 5-6 (**Due 9/8**)

This homework and homework # 1 will be due TOGETHER on 9/8.

Problems:

§7.5 # 1, 5, 6, 9, 10, 12, 13, 14, 15, 16, 17, 20, 22, 27
§7.6 # 2, 4, 9, 15, 19, 25 (Hint: Use the equations in 24)

Graded Problems:

§7.5 # 12(+1), 16(+1), 22	§7.6 # 4, 9(+1), 19(+1)
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Homework # 3: Chapter 7, Sections 7-8 (**Due 9/15**)

Problems:

§7.7 # 25, 27, 29-32, 37, 40, 46, 53, 55, 69

§7.8 # 1, 5, 12, 25, 36, 40, 44, 60

Graded Problems:

§7.7 # 30(+1), 32(+1), 40 §7.8 # 12, 36(+1), 40, 44

Homework # 4: Chapter 8, Sections 1-3 (**Due 9/22**)

Problems:

§8.1 # 27, 33, 34, 37, 46, 48, 50, 52

§8.2 # 3, 4, 7, 10, 17, 19, 23, 24, 28

§8.3 # 1, 8, 17, 18, 20, 22, 25, 29

Graded Problems:

§8.1 # 34, 50 §8.2 # 4, 24, 28(+1) §8.3 # 8, 20(+1), 22

Homework # 5: Chapter 8, Sections 4-5 (**Due 9/29**)

Note that this homework will also serve as your exam review for these sections.

Problems:

§8.4 # 1, 2, 5, 6, 11, 12, 20, 21, 29, 30, 36, 41, 43, 44, 45, 46

§8.5 # 1, 2, 5, 6, 13, 17, 18, 21, 22, 25, 27, 28, 29, 30, 31

Graded Problems:

§8.4 # 12, 20, 36, 46(+1) §8.5 # 6, 22, 30(+1)

Homework # 6: Chapter 9, Sections 1-2 (**Due 10/9**)

Note that this homework is due IN CLASS the MONDAY after fall break.

Problems:

§9.1 # 1, 3, 4, 6, 7, 10, 11, 13, 15, 16, 17, 20, 23, 24, 26

§9.2 # 7, 9, 10, 13, 14, 15, 16, 18, 21, 22, 36, 37, 39, 40, 41c, 41d, 42c, 42d

Graded Problems:

§9.1 # 6, 16(+1), 24(+1) §9.2 # 14, 22(+1), 40(+1)

Homework # 7: Chapter 9, Sections 3-4 (**Due 10/13**)

Problems:

§9.3 # 2, 3, 7, 11, 12, 14, 17, 18, 20, 22, 24, 25, 27, 34

§9.4 # 3, 4, 6, 7, 11, 14, 16, 17, 18, 21, 22, 23, 29, 31, 32

Graded Problems:

§9.3 # 2, 12, 18, 20(+1) §9.4 # 4, 16, 22, 32(+1)

Homework # 8: Chapter 10, Sections 1-2 (**Due 10/20**)

Problems:

§10.1 # 5, 6, 8, 9, 12, 13, 19, 20, 21, 25, 26, 31, 32, 34, 39, 40, 53

§10.2 # 1, 3, 6, 7, 9, 10, 11, 13, 21, 22, 25, 26, 37, 40

Graded Problems:

§10.1 # 8, 32(+1), 40(+1) §10.2 # 10, 22(+1), 26(+1)

Homework # 9: Chapter 10, Sections 3-5 (**Due 10/27**)

Problems:

§10.3 # 8, 9, 10, 12, 27

§10.4 # 2, 5, 12, 13, 16, 17, 27, 32, 34, 37

§10.5 # 11, 12, 14, 17, 18, 22, 26, 32

Graded Problems:

§10.3 # 8, 10 §10.4 # 2, 16(+1), 32 §10.5 # 12, 18, 22(+1)

Homework # 10: Chapter 10, Sections 6-7 (**Due 11/3**)

Problems:

§10.6 # 2, 5, 7, 8, 10, 20, 21, 22, 24

§10.7 # 1, 2, 7, 8, 9, 11, 14, 21, 26, 27

Graded Problems:

§10.6 # 2, 10, 20, 24(+1) §10.7 # 26a, 26b(+1), 26c(+1)

Homework # 11: Chapter 10, Section 8 & Chapter 11, Sections 1-2 (**Due 11/20**)

Homeworks are now due on Mondays. That is, you will have 12 days to complete assignments given on Wednesdays. Due to the previous arrangement with the grader, absolutely NO late homeworks will be accepted from this point on.

Problems:

§10.8 # 4, 7, 14, 20, 23, 31

§11.1 # 3, 6, 9, 14, 18, 22, 45, 50

§11.2 # 1, 3, 5, 7, 12, 14, 17, 20

Graded Problems:

§10.8 # 4, 20 §11.1 # 14, 18(+1), 50(+1) §11.2 # 12, 14(+1)

Homework # 12: Chapter 11, Sections 3-5 (**Due 11/27**)

Problems:

§11.3 # 5, 7, 8, 10, 13, 15, 17, 21

§11.4 # 1, 3, 5, 8, 9, 14, 15

§11.5 # 1, 2, 11, 12, 15, 16, 24, 26

Graded Problems:

§11.3 # 8, 10(+1) §11.4 # 8, 14(+1) §11.5 # 2, 16(+1), 26

Homework # 13: Chapter 12, Section 9 & Chapter 18, Sections 1-2 (**Due 12/11**)
The Chapter 12 problems are in the “Sample Test” portion of section 9. Solutions to the “Concept Test” portion will not receive credit.

Problems:

§12.9 # 2, 3, 6, 11, 12, 18, 19, 22, 24, 37, 45

§18.1 # 5, 7, 8, 10, 13, 17, 25

§18.2 # 2, 5, 8, 11, 13, 16, 17, 18