Tentative Homework Assignments for Math 251

- ∮ 1.1 Exercises 1, 2, 4, 6, 7, 8, 13, 14, 16, 17, 19, 20, 22, 24, 25, 27, 30, 31, 36, 38
- ∮ 1.2 Exercises 1, 2, 3, 4, 5, 6, 8, 9, 11, 15, 18, 19, 20, 21, 24, 25, 27, 30, 31, 32, 33, 36, 37
- $\oint 1.3$ Exercises 2, 3, 9, 11, 13, 14, 15, 16, 17, 18, 20, 21, 23, 24, 26, 27, 31, 32, 33, 36
- ∮ 1.4 Exercises 1, 2, 9, 11, 14, 15, 18, 24, 25, 26, 27, 28, 31, 32, 35, 38, 40, 45, 46, 48
- $\oint 1.5$ Exercises 1, 10, 14, 16, 18, 20, 22, 23, 24, 25, 26, 29, 31, 34, 35, 36, 38, 39, 40, 41
- ∮ 1.6 Exercises 1, 2, 3, 4, 5, 8, 9, 12, 14, 15, 18, 20, 23, 24, 28

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- ∮ 2.1 Exercises 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 16, 17, 18, 20
- ∮ 2.2 Exercises 2, 6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 18, 20, 22, 30, 32, 34, 36, 37, 38
- $\oint 2.3$ Exercises 1, 2, 3, 4, 5, 7, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 22, 28, 29
- ∮ 2.4 Exercises 10, 13, 14, 15, 16, 22, 35, 37, 38, 39
- $\oint 2.5$ Exercises 1, 2, 7, 8, 9, 10, 11, 15, 19, 20
- $\oint 2.6$ Exercises 1, 2, 3, 4, 8, 9, 10, 11, 12, 13, 15, 16, 17, 19, 22, 23
- ∮ 2.7 Exercises 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15

Exam 2

- $\oint 3.2$ Exercises 1, 3, 4, 5, 6, 7, 9, 10, 12, 13, 14, 16, 18, 19, 21, 22, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 42, 43, 44, 47
- $\oint 3.3$ Exercises 3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 16, 17, 19, 20, 22, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 41 42, 44, 45, 46
- $\oint 3.4$ Exercises 1, 2, 4, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 18, 21, 22, 24, 26, 28, 29, 30, 31, 32, 33, 34, 35 36, 38, 39, 40, 44, 45, 46, 47, 48, 49, 50, 53, 54, 55, 56, 58, 59, 63, 64, 65, 66, 69, 70
- $\oint 3.5$ Exercises 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 15, 16, 17, 19, 20, 21, 22, 24, 25, 26, 30, 31, 32, 33, 34, 35 36, 37, 38, 40, 41, 42, 43, 45, 46, 47, 50
- ϕ 3.6 Exercises 2, 4, 6, 7, 9, 10, 12, 14, 15, 16, 18, 20, 22, 23, 26, 27, 29, 30, 32, 34, 36, 38, 39, 41
- $\oint 3.7$ Exercises 2, 4, 6, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24, 25, 28
- $\oint 3.8$ Exercises 5, 6, 7, 9, 10, 11, 15, 18, 19, 20, 21, 22, 23, 24, 27, 28, 32, 33
- ϕ 3.9 Exercises 1, 2, 3, 4, 5, 6, 8, 9, 10, 14, 15
- ∮ 3.10 Exercises 1, 2, 9, 10, 11, 13, 14, 16, 17, 18, 19

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- $\oint 4.1$ Exercises 5, 6, 7, 8, 9, 13, 14, 15, 17, 20, 21, 24, 25, 32, 35, 36, 37, 38, 44, 45
- ϕ 4.2 Exercises 1 16 all
- ϕ 4.3 Exercises 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 19, 21, 28, 33
- ϕ 4.5 Exercises 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 13, 14, 15, 16, 18

Exam 4

- ϕ 5.1 Exercises 1, 2, 3, 4, 11, 12
- \$\oint 5.2 Exercises 2, 3, 4, 7, 8, 9, 10, 11, 15, 16, 18, 19, 20, 24, 26, 28, 30, 31, 32
- ∮ 5.3 Exercises 1, 3, 4, 5, 12, 13, 14, 15, 16, 18, 21, 22, 23, 24, 31
- ∮ 5.4 Exercises 1, 3, 4, 5, 6, 7, 8, 9, 14, 23

Exam 5

Final Exam