

RECOMMENDED TEXTBOOK EXERCISES — Math 11100 — Algebra

TEXTBOOK: Lial, Hornsby, & McGinnis, *Intermediate Algebra*, Fourth Custom Edition for IUPUI, Lial, Hornsby and McGinnis. This is the same textbook as the hardback 11th Edition of *Intermediate Algebra*.

INSTRUCTIONS: This list is provided to identify where the emphasis should be placed as you study each of the sections covered in Math 11100. Many of these problems, or algorithmically identical problems, will appear on your quizzes and exams. Most of the problems are odd-numbered problems; this means that you can check your answers against those in the back of the book and rework the problem when needed. If you experience difficulty in working through some of these problems you should: get help at the MAC, see your instructor during office hours, and/or meet with other members of your class in a study group. **Keep in mind that it is your responsibility to learn how to work virtually every problem from each section covered in this course, particularly, all of the problem types listed below.**

- 2.5** #17-39 ODD, #47-69 ODD
2.6 #7-17 ODD, #25-33 ODD, #41-61 ODD
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- 3.1** #3-8 ALL, #15, 25, 27, 29, #35-67 ODD
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3.6 #5-21 ODD, 37, 39, 41, 44, 45, 47, 51
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- 4.1** #3, 4, 5, 6, 11, 13, 15, 16, 23, 27, 29, 31, #41-57 ODD, #63-71 ODD
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- 5.1** #17, 29, 33, #41-57 ODD, 65, 67, 75, 85, 87, 95, 99, 103, 107, 111, 115, 119, 127, 131, 137, 139, 143, 145
5.2 #27, 29, 33, 37, 41, 45, 49, 51, 55, 57, 59, 61, 63, 67, 69, 77, 79, 81, 83, 85
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5.5 #7, 11, 13, 15, #17-57 ODD, 61, 65, 69, 71, 73, 77
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- 6.1** #11-31 ODD, #39-61 ODD
6.2 #9-63 ODD
6.3 #9-63 ODD
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6.5 #5-67 ODD, 62, 64
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- 7.1** #3, 7, 11, 19, 23, 25, 29, 33, #39-51 ODD, 55, 59, 63, 67, 69, 73, 77, 79, 83, 85, 87, 89, 91, 95
7.2 #17, 19, 21, 23, 27, 33, 35, 39, 43, 47, 51, 55, 61, 63, 65, 69, 71, 73, 77, 81, 85, 87, 89
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7.5 #5, 7, 9, 11, 13, 15, 17, 19, 20, 31, 35, 39, #41-61 ODD
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- 8.1** #1, 5, 9, 11, 15, 19, 23, 27, 41, 43, 47, 51, 53, 55, 57, 59, 61, 63, 65, 87, 89, 91
8.2 #3, 7, 11, 15, 19, 23, 27, 31, 35, 41-55 ODD, 59, 67, 71, 75, 79, 83, 91, 95, 101
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8.7 #11, 13, 17, 19, 21, 23, 33, 35, 37, 39, 47, 49, 51, 53, 55, 57, 63, 65, 67, 69, 75, 77, 79, 81, 83
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- 9.1** #19, 25, 27, 29, 31, 35, 36, 39, 43, 47, 53, #57-85 ODD, 93, 97
9.2 #11-45 ODD, 53, 55, 57
9.3 #11, 13, 15, 19, 23, 27, 29, 31, 33, 37, 41, 44, 47, 51, 55, 59-85 ODD
9.4 #7, 9, 13, 15, 16, 19, #23-47 ODD
9.5 #1-35 ODD
9.6 #5-31 ODD, #33-41 ALL
9.7 #1, 3, #9-33 ODD, 37, 39, 43, 45, 47, 48
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- 10.1** #7, 9, 11, 13, 14, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 38
10.2 #1, 3, 5, 6, 7, 8, 9, 11, #15-26 ALL, 39, 40, 41
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