

MATH 11000 Fundamentals of Algebra

Suggested Practice Exercises

Textbook: either book listed below is suitable for this course

- *Fundamentals of Algebra, Custom Edition for IUPUI (2nd ed)*, Bittinger, Ellenbogen & Johnson
- *Elementary & Intermediate Algebra: Concepts & Applications, 5th Ed*; Bittinger, Ellenbogen & Johnson

This is a minimum assignment list to be successful in this course. More practice is always better! Always work assigned problems before the next class so that you are prepared with questions from the homework. When you do your homework allow for enough time to get assistance at the Math Assistance Center (MAC). There is not enough time in class for the instructor to answer all of your questions!

Section Exercises

Chapter R is located at the end of the textbook, beginning on page 939

R.1	47, 53, 57, 81, 83
R.2	15, 23, 35, 47, 53, 65, 67
R.3	13, 17, 29, 35, 37, 39, 41
R.4	15, 17, 27, 49, 51, 55, 57, 61, 63
R.5	1, 3, 11, 13, 17, 27, 35, 39, 43, 49
R.6	9, 11, 13, 15, 17, 27, 31, 33, 45, 47, 49, 51, 53, 55
7.1	1-8, 9, 13, 19, 25, 29, 31, 37, 41, 43, 45, 47, 53, 55
7.2	1-6, 7, 11, 13, 17, 23, 25, 27, 31, 33, 39, 43, 45, 47, 51, 55
7.3	1-6, 9, 13, 15, 17, 19, 21, 23, 25, 27, 31, 33, 37, 41, 43, 49, 55, 59
7.4	1-6, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 41, 43, 51, 59, 63
7.5	1-6, 7, 9, 11, 17, 19, 23, 29, 33, 41, 43, 45, 47, 49, 51, 53, 55, 57, 61, 63
8.1	1-8, 17, 19, 31, 33, 35, 41, 43, 45, 49, 53
8.2	1-6, 7, 11, 15, 17, 21, 23, 29, 31, 33, 39, 47, 49, 53
8.3	1, 3, 5, 9, 13, 15, 17, 21, 23, 27, 29, 35, 37, 39, 41, 45
8.8	1-8, 9, 13, 17, 19, 21, 23, 25, 29
9.1	1-10, 15, 17, 19, 21, 25, 27, 29, 31, 35, 37, 41, 43, 47, 53, 55, 57, 61
9.2	1-10, 11, 13, 17, 19, 23, 29, 35, 39, 41, 43, 45, 49, 51, 55, 59, 63, 65, 67, 69, 91
9.3	1-4, 17, 21, 35, 37, 41, 45, 57, 61, 65, 67, 75, 77, 85, 87
9.4	1-6, 11, 15, 17, 19, 25, 27, 35, 37, 41, 43, 49, 51

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- 10.1 1-8, 21, 23, 31, 35, 37, 39, 41, 43, 47, 49, 53, 57, 59, 61, 63, 65, 73, 79, 81, 89, 91, 93, 95
- 10.2 1-8, 9, 13, 15, 21, 23, 25, 29, 37, 47, 49, 53, 55, 63, 65, 67, 71, 73, 75, 77, 79, 81, 85, 91
- 10.3 1-6, 7, 9, 13, 27, 29, 31, 35, 37, 47, 49, 55, 57, 59, 67, 69
- 10.4 9, 11, 13, 15, 17, 27, 29, 33, 41, 43, 45
- 10.5 1-4, 7, 9, 13, 17, 19, 21, 31, 33, 35, 41, 43, 45, 47, 49, 51, 53
- 10.6 1-6, 7, 9, 11, 13, 15, 17, 21, 23, 25, 27, 33
- 10.8 9, 13, 17, 19, 83, 85, 87, 89, 91
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- 11.1 1-6, 7, 9, 11, 13, 17, 19, 21, 23, 25, 27, 33, 41, 43, 45, 47, 49, 51, 53, 55, 59, 65, 73
- 11.2 1-6, 7, 9, 11, 15, 17, 19, 21, 23, 25, 29, 31, 35, 37, 39, 41, 45, 47
- 11.4 1, 3, 9, 11, 13, 15, 19, 27, 29, 31, 37, 41
- 11.6 1-8, 9, 11, 13, 15, 17, 19, 23, 27, 29, 31, 37, 39, 41, 45, 47, 49, 51, 53
- 11.7 1-8, 9, 11, 13, 15, 17, 21, 25, 27, 31, 33, 35, 37, 39, 41, 43
- 11.8 1-6, 7, 9, 11, 13, 17, 19, 21
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- 12.1 1-8, 9, 13, 15, 17, 19, 23, 33, 35, 41, 47, 51, 53, 55, 57
- 12.2 1-6, 7, 11, 13, 15, 17, 19, 21, 25, 27, 33, 39, 41, 43, 47
- 12.3 1-8, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 37, 39, 79, 81, 83, 85, 87, 89
- 12.4 1-6, 7, 11, 13, 17, 25, 27, 29, 33, 35, 39, 47, 51, 55, 57, 59
- 12.5 1-8, 9, 13, 15, 17, 19, 23, 25, 27, 29, 31, 33, 35, 39, 47, 51, 53, 61, 63, 67, 71
- 12.6 1-8, 9, 11, 13, 15, 17, 19, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 45, 47, 49, 53, 57, 61, 65
- 12.7 1, 3, 5, 7, 9, 19, 21, 23, 25