

# **MATH 15300 Algebra & Trigonometry I**

## **Recommended Textbook Homework List**

**TEXTBOOK:** Swokowski & Cole, *Algebra & Trigonometry with Analytic Geometry*, Classic 12th Edition

- 1.1** #1, 3, 5, 7, 9, 11, 13, 15, 19, 23, 25, 27, 29, 31, 33, 35, 39, 41, 43, 49, 53, 57, 59, 61
- 1.2** #3, 5, 7, 9, 13, 15, 21, 25, 27, 29, 31, 35, 39, 41, 43, 45, 49, 51, 53, 55, 65, 67, 69, 71, 73, 77, 79, 81, 83, 85, 87, 91, 93, 95, 97, 99
- 1.3** #3, 9, 11, 13, 15, 19, 25, 29, 35, 37, 39, 43, 51, 57, 65, 69, 73, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101
- 1.4** #3, 13, 21, 25, 31, 33, 35, 37, 39, 41, 43, 45, 47, 51, 55, 57, 63, 67, 69, 71, 73, 75, 77, 79, 81
- 2.1** #7, 9, 13, 15, 17, 21, 23, 27, 31, 33, 35, 37, 39, 41, 43, 51, 55, 57, 59, 61, 67, 69, 71, 73, 75
- 2.2** #1, 2, 3, 4, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 29, 31, 33, 35, 37, 39
- 2.3** #9, 13, 15, 21, 23, 25, 29, 37, 39, 41, 43, 45, 47, 49, 51, 53, 59, 60, 65, 66, 69, 70, 71, 75
- 2.4** #3, 7, 9, 17, 19, 21, 23, 25, 27, 29, 31, 35, 37, 39, 41, 43, 45, 47, 48, 49, 50, 51, 53, 54, 55, 57
- 2.5** #3, 5, 8, 9, 11, 17, 19, 21, 23, 25, 27, 29, 33, 37, 39, 41, 43, 44, 45, 49, 51, 53, 55, 57, 59, 61, 62, 67
- 2.6** #3, 5, 7, 9, 11, 13, 15, 17, 19, 27, 31, 33, 35, 39, 41, 43, 45, 47, 49, 53, 57, 59, 63, 65, 67, 69, 77, 80, 85
- 2.7** #7, 9, 11, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 44, 45, 49, 51
- 3.1** #3, 7, 9, 11, 13, 15, 19, 21, 23, 25, 26, 27, 29, 31, 33
- 3.2** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 20, 21, 23, 25, 27, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 65, 67
- 3.3** #3, 13, 15, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 51, 54, 57, 61, 67, 69
- 3.4** #3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 65, 69, 71, 73
- 3.5** #3, 4, 5, 7, 8, 9, 11, 12, 13, 14, 15, 19, 20, 21, 22, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 49, 51, 52, 53, 55, 57, 59, 61, 63, 65, 69
- 3.6** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 29, 31, 33, 35, 41, 42, 43, 52, 53, 55, 56
- 3.7** #1, 3, 5, 7, 9, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 53, 55, 57, 59
- 4.1** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 32, 33, 35, 37, 39, 40, 45
- 4.2** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45
- 5.1** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 50, 51
- 5.2** #1, 3, 5, 7, 9, 11, 12, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 42, 43, 45, 46
- 5.3** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31
- 5.4** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 40, 41, 43, 45, 47, 49, 51, 53, 55, 56, 57, 58, 59, 63, 65, 66, 69, 73, 77
- 5.5** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57
- 5.6** #1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 20, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 51, 52, 55, 56, 59, 67,  
Chapter 5 Review Exercises: #57, 71