

Math 42 – Trigonometric Functions

Section 9 – Spring 2016

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Homework assignments for 2nd edition

- 4.1: 17, 23, 29, 31, 41, 45, 51, 55, 59, 109, 111, 117, 121-123, 125
Challenge problems: p. 369 #1, 2
- 4.3: 9, 13, 17-29 odd, 33, 35, 67, 71, 77, 78, 81
Challenge problems: #76, 88
- 4.2: 7, 9, 13, 29, 33-39 odd, 43, 45, 49, 55, 57, 61-64, 67, 68
Challenge problems: p. 308 #73 and p. 369 #5
- 4.4: 11, 15, 19, 21, 23, 27, 29, 37, 39, 47, 49, 53, 55, 61, 63, 91, 93, 97, 103, 104, 106
Challenge problem: p. 370 #13
- 4.5: 9, 11, 13, 27-29, 47, 51, 53, 57, 73-81 odd, 95, 96, 101, 102
Challenge problems: #89, 93
- 4.6(a): 9-14, 17, 19, 27, 33, 35, 96-98
- 4.7: 1-3, 13, 15, 17, 23, 25, 27, 41, 55, 57, 59, 105, 112-114
Challenge problems: #110, 137

HW 4.6(b) and 4.8 are to be turned in as one assignment

- 4.6(b): 81, 83
- 4.8: 7, 9, 17, 19, 25, 29, 61, 62
Challenge problems: p. 361 #66, p. 369 #7
- 5.1: 25-30, 41, 45, 51, 55, 59, 63, 75, 93, 97, 127, 128, 135, 137
Challenge problem: p. 425 #1b
- 5.2: 15, 19, 23, 25, 27, 31, 33, 43, 45, 51, 52, 71-73, 75
- 5.3: 1, 13, 15, 19, 21, 25, 29, 31, 33, 41-47 odd, 63, 69, 71, 91
Challenge problems: #95, 96

Exam 3 Material:

- 5.4: 7, 11, 21-27 odd, 43, 45, 51, 53, 63, 65, 67, 75, 81, 93
Challenge problems: p. 403 #89, p. 426 #13
- 5.5(a): 19, 23-33 odd, 37, 39, 59, 63, 67, 69, 73-79 odd, 137, 139, 140
Challenge problems: p. 425-426 #7, 14
- 5.5(b): 43, 47, 49, 85, 87, 91, 93, 99-105 odd, 111, 115
Challenge problems: p. 415 #135, p. 426 #12
- 6.1: 5, 9, 13, 25-39 odd, 40, 45, 55
Challenge problem: p. 491 #4
- 6.2: 1, 2, 5-13 odd, 27-35 odd, 43, 51, 61
Challenge problems: p. 444 #60, p. 491 #1
- 6.3: 15-19 odd, 25-31 odd, 35, 41, 45, 49-53 odd, 56, 61, 67, 69, 73, 83, 85, 103-106
Challenge problems: p. 456 #91, p. 491 #6
- 6.4: 7, 11, 17, 21, 23, 33, 35, 41, 45, 53-61 odd
Challenge problems: #74, 92
- 6.5: 17-23 odd, 33, 37, 49-55 odd, 59, 63-71 odd, 85, 89, 93, 97, 99, 105

Extra credit:

- 10.7: 5, 7, 23, 25, 39, 41, 51, 53, 65, 69, 73, 75, 99, 101, 109, 111, 113
- 10.8: 52-58 even