

**MTH 1309 PROBLEM LIST
(REVISED SPRING 2020)**

Text: Calculus: An Applied Approach, 10th edition, Larson (included with Cengage Unlimited)

- 1.1 29, 30
- 1.2 49, 54, 55, 58
- 1.3 8, 10, 11, 14, 15, 27, 30, 32, 34, 37, 53, 56, 57, 60, 62, 65, 66, 83, 88, 90
- 1.4 2, 5, 7, 9-16, 19, 20, 26, 27, 29, 32, 35, 37, 40, 71, 73, 75
- 1.5 1, 4, 8, 10, 14, 15, 18, 20, 21, 24, 26, 31, 35, 38, 39, 41, 48, 52, 53, 55, 62, 63
- 1.6 3, 6, 7, 10, 12, 13, 27, 29, 32, 42, 43, 57, 58,

- 2.1 2, 3, 30, 33, 35, 40, 44, 48, 54, 55, 57
- 2.2 2, 4, 7, 16, 22, 23, 27, 30, 32, 33, 36, 46, 47, 64, 65, 68, 79
- 2.3 3, 6, 10, 31, 32, 33
- 2.4 4, 7, 13, 18, 44, 45, 50, 52, 55
- 2.5 7, 10, 12, 27, 30, 34, 43, 46, 55, 57, 69
- 2.6 10, 11, 13, 18, 19, 22, 29, 31
- 2.7 2, 5, 8, 30, 32
- 2.8 2, 3, 5, 6, 11, 14, 22

- 3.1 2, 3, 18, 21, 27, 30, 37, 40, 43, 54
- 3.2 4, 7, 10, 12, 22, 23, 26, 27, 29, 31, 33, 47
- 3.3 1-4, 8, 9, 14, 17, 19, 24, 26, 29, 32, 39, 43, 52, 54, 70
- 3.4 5, 7, 9, 13, 15, 24, 36
- 3.5 3, 6, 9, 20-22, 28, 31
- 3.6 63-65

- 4.1 8, 10, 20, 23, 25
- 4.2 29, 32, 42
- 4.3 1, 4, 5, 8, 13, 16, 22, 29, 32, 33, 44
- 4.4 31, 33, 36, 42, 43, 46, 74, 86
- 4.5 4, 5, 10, 13, 20, 47, 56, 60, 66, 67, 77

- 5.1 7, 10, 14, 16, 17, 19, 22, 23, 29, 32, 33, 36, 45, 48, 57, 60, 63
- 5.2 2, 3, 6, 7, 36, 37, 40, 41, 47, 50, 52 6.2
- 5.3 1, 4, 5, 10, 12, 15, 22, 25, 28, 29, 34, 35, 38, 40, 55
- 5.4 2, 7, 10, 13, 16, 20, 24, 25, 32, 33, 38, 48, 49, 52, 76
- 5.5 2, 3, 7, 17, 20, 43, 46, 47

- 7.3 2, 3, 5, 14, 44, 47
- 7.4 4, 5, 9, 11, 14, 34, 46, 48, 55, 62, 63,
- 7.5 2, 5, 7, 12, 19-24, 38, 39
- 7.6 2, 5, 8, 33, 35, 36, 39