

MTH 1308: Precalculus for Business Students

Departmental Problem List (beginning Fall 2023)

Text: Mathematics with Applications in the Management, Natural, and Social Sciences, 13th Edition by Lial, Hungerford, Holcomb, and Mullins

<u>Section</u>	<u>Problems</u>
1.1	13, 14, 16, 22, 25, 26, 28, 45-50
1.2	5, 11, 12, 19, 21, 23, 27, 31, 34, 36, 37, 39, 49, 51, 53, 56
1.3	5, 6, 7, 11, 12, 17, 22, 27, 28, 35, 39, 47, 48, 73
1.4	3, 4, 5, 6, 9, 10, 12, 13, 15, 16, 21, 23, 31, 37, 38, 49, 50, 57, 60
1.5	5, 7, 8, 10, 15, 16, 17, 18, 19*, 20*, 23*, 25*, 53-60, 86, 95 (*without a calculator)
1.6	4, 6, 10, 12, 13, 18, 31, 32, 45, 51, 59, 60, 61, 62
1.7	9, 10, 16, 19, 21, 29, 30, 37, 53, 55, 61, 62, 63, 67, 69
2.1	4, 5, 8, 11, 13-16, 19, 20, 22, 23, 29, 39, 47, 49-52, 58, 60
2.2	7, 9, 19, 20, 25, 26, 31, 34, 38, 41, 51, 52, 55, 57, 61, 75, 76, 77, 79
2.3	1, 2, 4, 5, 8, 9
2.4	2, 12, 13, 15, 22, 23, 25, 27-30, 31, 32, 35
2.5	3, 4, 11, 14, 17, 21, 23, 24, 29, 36, 37, 41, 43
3.1	1, 3, 8, 9, 19, 21, 23, 26, 33, 36, 43, 44, 45, 52, 53-56, 57, 59, 61, 67, 68
3.2	3, 4, 5, 6, 27-32, 49, 51, 61
3.3	1, 4, 5, 7, 10, 13, 15, 18, 19, 20, 23, 24, 35, 36, 39, 40, 45-48, 49, 52
3.4	3, 4, 6, 7, 9-16, 17, 18, 21, 24, 25, 28, 39, 40, 42, 46, 47, 51, 54, 55, 57, 58, 59, 60, 67
3.5	5-8, 9-14, 15, 17, 18, 20, 21, 23, 24
3.6	5, 8, 9, 11, 13, 14, 15, 21, 22, 25, 27, 29, 32
4.1	2, 3, 5, 10, 11, 17, 21-26, 27, 29, 30, 35, 36, 37, 39, 41, 42, 43, 46, 53
4.2	1, 3, 7, 8, 11*, 12*, 13, 22 (*without regression)
4.3	1, 2, 6, 7, 10, 11, 13, 14, 17, 20, 21, 22, 31, 32, 38-41, 58, 59, 60, 61, 63
4.4	1, 6, 7, 8, 9, 12, 14, 23, 28, 32, 33, 40, 66, 73
5.1	11, 14, 15, 20, 21, 25, 28, 29, 30, 31, 33, 35, 37, 40, 50, 52, 53, 55, 58, 59
5.2	3, 4, 5, 16, 17, 45, 49, 51, 54, 55
6.1	2, 3, 4, 11, 14, 17, 35, 38
6.2	9, 11, 13, 14, 15, 16, 23, 25, 27, 30, 32, 33, 43, 44, 55, 59, 62, 63 (can use calculator on all)
6.3	4, 8, 14, 15, 17, 19, 27, 29
6.4	10, 14, 16, 21, 23, 33, 35
6.5	3, 4, 7, 8, 9, 11, 15, 17, 19, 27, 34, 35, 38, 45, 46, 51, 55, 56
6.6	1, 5, 9, 16, 17, 18, 19