

## Math 221 - Suggested Homework

These are suggested problems. You may work more or less depending on your abilities. In addition to the problems listed below, work the *Capstone* problem from each section.

All problems are the odd numbered exercises unless stated otherwise.

Worked out solutions to the odd problems are online at <http://www.calcchat.com>

<b>Sect</b>	<b>#</b>	<b>Suggested Problems</b>
11.1	11	37, 41, 53, 57, 63, 73, 75, 79, 89, 91, 93
11.2	12	27, 31, 41, 55, 59, 65, 69, 75, 87, 99, 109, 113
11.3	14	5, 9, 13, 17, 21, 29, 31, 35, 45, 49, 69, 71, 75, 81
11.4	14	1-6 all, 9, 13, 23, 29, 35, 39, 45, 50
11.5	20	7, 17, 21, 31, 33, 43, 49, 55, 63, 65, 67, 71, 73, 75, 77, 95, 99, 101, 107, 109
11.6	18	1-6 all, 19-31, 43, 45, 49, 53, 65
11.7	16	21, 23, 25, 51, 53, 55, 99, 101, 103, 105, 115-120 all
12.1	24	1, 3, 9, 13, 17, 21-24 all, 29, 37, 41, 43, 45, 49-55, 57, 59, 63, 69, 73, 89
12.2	19	1, 5, 7, 13, 19, 21, 23, 25, 29, 35, 39, 43, 45, 53, 56, 58, 65, 67, 71
12.3	11	3, 7, 9, 13, 17, 19, 25, 29, 32, 39, 54
12.4	15	5, 15, 21, 23, 27, 29, 37, 41, 51, 53, 55, 61, 63, 73, 77
12.5	11	3, 9, 11, 21, 25, 29, 37, 43, 47, 63, 69
13.1	18	9, 15, 23, 25, 29, 35, 37, 41, 43, 45-48 all, 51, 53, 55, 69, 71
13.2	17	11, 15, 19, 23, 27, 29, 33, 35, 43, 49, 53, 57, 59, 62, 65, 77, 85
13.3	17	11, 15, 23, 27, 33, 37, 39, 47, 51, 61, 66, 69, 73, 79, 81, 83, 87
13.4	6	1, 5, 13, 17, 19, 33
13.5	14	5, 9, 13, 17, 19, 25, 27, 28, 33, 37, 39, 43, 45, 57
13.6	15	1, 5, 10, 13, 17, 21, 23, 27, 33, 35, 37, 51, 53, 55, 69
13.7	20	1-4 all, 7, 12, 13, 17, 23, 25, 27, 33, 37, 41, 45, 47, 49, 53, 57, 59
13.8	18	1, 3, 7, 11, 14, 21, 25, 28, 31-34 all, 37, 39, 43, 47, 49, 54
13.10	11	5, 7, 9, 13, 15, 17, 21, 23, 29, 45, 51

14.1	18	3, 7, 11, 15, 19, 23, 27, 29, 33, 37, 41, 45, 47, 51, 57, 59, 67, 71
14.2	11	7, 11, 13, 15, 19, 21, 23, 27, 37, 43, 45
14.3	18	5-8 all, 11, 15, 17, 19, 25, 27, 31, 37, 41, 45, 47, 49, 51, 53
14.4	10	11, 15, 17, 21, 27, 29, 35, 39, 43, 53
14.5	9	3, 7, 9, 13, 15, 17, 29, 33, 39
14.6	12	7, 11, 15, 19, 25, 29, 31, 37, 41, 51, 57, 61
14.7	9	3, 5, 9, 11, 13, 19, 21, 23, 33
14.8	11	3, 5, 7, 9, 11, 17, 19, 23, 25, 35, 37
15.1	9	39, 41, 45, 49, 51, 57, 61, 63, 65
15.2	12	1, 5, 9, 13, 17, 23, 25, 27, 31, 53, 59, 65
15.3	8	5, 9, 15, 19, 23, 27, 31, 35
15.4	7	3, 7, 13, 19, 21, 25, 35
15.5	19	1-6 all, 7, 9, 11, 13, 15, 21, 23, 25, 27, 29, 37, 39, 43
15.6	11	3, 7, 11, 15, 17, 19, 23, 25, 29, 35, 37
15.7	6	3, 7, 11, 13, 17, 19
15.8	5	7, 9, 11, 15, 19