

## Math 51 Homework

For each section, there are two lists of homework:

The Practice list consists of problems you should do on your own, in order to make sure you understand everything you need for the quizzes, midterms, final exam and future math classes.

The Required list consists of problems you must submit on Fridays. If you do the Required list without doing the Practice list first, your work will probably look untidy, disorganized and illogical, which means you will earn 0 points for it. **Also, if you only do the Required list, there is a good chance you will fail the class due to lack of practice.**

### Rules for homework submissions:

1. Do **NOT** submit the solutions of the Practice list. I will not spend time searching for the Required homework. Instead, I will give you 0 points for the entire homework.
2. Write your code (from the Greensheet Take Home Quiz), not your name, on the upper right corner of each page. If you write your name, other students can see what you scored.

The rest of these should be common sense.

3. Use lined paper, and follow the lines. Don't use graph paper, except for graphing questions (chapter 4 mostly).
4. Each side of a piece of a paper should only contain problems from one section. In other words, each time you start a new section's homework, start a new side of paper. (If you are especially tidy, you can divide each side into 2 columns and start a new column for each new section. Do not divide each side into more than 2 columns.)
5. Do your homework in pencil so it doesn't bleed through the other side of the paper. Make sure the pencil is dark enough to read though.
6. The sections must be in order (1.1 before 1.2 before 1.3 etc.), and the problems within a section must be in order (#2 before #4 before #6 etc.).
7. If your homework is more than 1 piece of paper, staple them together in the upper left corner.
8. Solve your homework on scratch paper first, and then write the final **solution** (not just answer) on your homework paper. Don't use your homework submission as scratch paper.
9. No frayed, ragged, curled or wavy edges. No stains or rips. If you use paper from a spiral bound notebook, it must be trimmed neatly to resemble loose leaf paper.
10. Write legibly – you're not doctors, and you're not writing prescriptions. I will not spend time deciphering your handwriting. Instead, I will give you 0 points for the entire homework.

Basically, think of the homework submissions like job applications. If your job application looks like a mess, very few employers will bother to read it, let alone interview you or give you a job. By the same standard, if your homework submission looks like a mess, I won't bother to grade it.

## Math 51 Homework List (so far)

<u>Section</u>	<u>Practice</u>	<u>Required</u>
1.1	1, 5, 9-23 ODD, 29-39 ODD, 49, 53-59 ODD, 75, 83-89 ODD, 95, 107-131 ODD	12, 14, 20, 40, 54, 66, 86, 88, 108, 124, 130
1.2	1-27 ODD, 33, 35, 41-47 ODD, 51, 55, 57, 61, 63	6, 10, 12, 22, 44, 48, 56, 60, 62, 64, 68
1.3	1-49 ODD, 55-83 ODD	4, 6, 14, 20, 26, 28, 30, 34, 48, 50, 66, 68, 76, 78
1.4	1-25 ODD, 31-41 ODD, 45-65 ODD, 71-77 ODD, 83	2, 6, 10, 28, 40, 58, 62, 64, 74, 76, 82
2.1	1-59 ODD, 77, 79	14, 22, 24, 30, 34, 40, 44, 76, table of all trig functions for $0^\circ$ , $30^\circ$ , $45^\circ$ , $60^\circ$ and $90^\circ$
2.2	1-6, 10-17, 19-53 ODD, 57, 65, 71-81 ODD	24, 30, 32, 46, 48, 72-80 EVEN
2.3	1-3, 5-41 ODD, 57, 61, 69	4, 6*, 16*, 24*-30* EVEN, 50, 60, 70 * write down what you typed into your calculator
2.4	9-15 ODD, 21-29 ODD, 41-51 ODD	14, 24, 28, 30, 44, 50, 52
2.5	5-11 ODD, 15, 17, 27, 29, 35	6, 18, 22, 28, 38
3.1	1-7, 9-35 ODD, 45-87 ODD	16, 26, 32, 50, 52, 58, 68, 74, 82, 86
3.2	1-21 ODD, 25-35 ODD, 39-45 ODD, 49, 51, 55, 61, 63, 71	18, 20, 26, 28, 32, 34, 52, 60, 72
3.3	1-75 ODD, 79	12, 20, 22, 26, 52, 58, 64, 72, 76, 80
3.4	1-41 ODD	4*, 12*, 16*, 18*, 24*, 30*, 34*, 38abc*, 40*, 44* * specify the units of all answers
4.1	1-19 ODD, 25-49 ODD, 65	14, 20, 24, 26, 30, 32, 36, 38, 42, 46
4.2	1-31 ODD, 39, 41, 43, 53, 55, 57	Set 1: 22, 46, 48, 50, 52 Set 2: 24, 30, 32, 40, 44, 54, 56
4.3	1-41 ODD	10, 16-22 EVEN, 28, 30, 38
4.4	1-29 ODD	6, 8, 14-24 EVEN
5.1	1-7, 9, 11, 21, 23, 27, 31, 33-67 ODD	10, 32, 38, 44, 46, 48, 54, 56, 62, 64
5.2	1-17 ODD, 23-43 ODD, 47-53 ODD, 59-65 ODD, 69, 71	6, 8, 18, 28, 36, 44, 54, 62, 64, 72
5.3	1-11 ODD, 15, 17, 21, 25, 33-63 ODD	8, 12, 18, 38, 46, 48, 50, 52, 60, 64
5.4	1-43 ODD, 59, 63, 65	10, 12, 18, 20, 24, 28, 30, 42, 44, 58, 64
5.5	1-29 ODD, 37, 43, 45, 47	8, 10, 14, 16, 18, 22, 24, 26, 32, 44, 50
6.1	1-9 ODD, 13-25 ODD, 57, 61, 63, 77-85 ODD, 89, 97, 99	4, 8, 14-20 EVEN, 24, 26, 62, 80, 86, 90, 98
6.2	9-33 ODD, 43, 45	12, 14, 18, 20, 22, 24, 28, 30, 44, 46
6.3	1-17 ODD, 23, 25, 29, 31, 33, 39	2, 8, 14, 16, 18, 20, 24, 26, 30, 32, 34
6.4	1, 3, 5, 9-19 ODD, 25, 27, 29, 49, 51, 53	10, 12, 16, 20, 24, 26, 28, 30, 50
7.1	1-33 ODD, 43-51 ODD	2, 10, 18, 26, 28, 32, 34, 44, 50, 52
7.2	1-9 ODD, 13-37 ODD	8, 14, 16, 18, 22-30 EVEN, 38
7.3	1-7 ODD, 13-29 ODD, 41-47 ODD, 51, 53, 61	2-8 EVEN, 14, 16, 20, 24, 42, 44, 48, 52, 54, 62
7.4	1-13 ODD, 19-27 ODD, 33-47 ODD, 53, 55, 59-91 ODD	4, 12, 14, 20, 28, 34, 42, 54, 72, 82, 84, 92
7.5	1, 15, 17, 19, 23, 25	2, 10, 18, 24, 26
8.5	1-61 ODD	6, 16, 20, 26, 28, 54-62 EVEN