

**Math 230 - Homework**

**Name :** \_\_\_\_\_

Correct	Sect	#	Problems
_____	1.1	12	1, 3, 5, 7, 11, 17, 21, 25, 29, 32, 35, 37
_____	1.2	11	1, 5, 9, 13, 17, 21, 25, 35-38 all
_____	1.3	10	1, 5, 7, 9, 13, 15, 17, 21, 23, 27
_____	<input type="text"/>	<b>33</b>	<b>Chapter 1 Total</b>
_____	2.1	9	5, 7, 9, 13, 21, 23, 25, 27, 29
_____	2.2	10	1, 5, 7, 11, 17, 19, 23, 25, 29, 35
_____	2.3	9	1, 5, 9, 13, 17, 21, 25, 29, 33
_____	2.4	12	1, 5, 9, 13, 17, 21, 25, 27, 29, 31, 35, 37
_____	2.5	11	1, 5, 9, 11, 13, 15, 19, 21, 23, 25, 29
_____	2.6	5	1, 3, 5, 9, 11
_____	<input type="text"/>	<b>56</b>	<b>Chapter 2 Total</b>
_____	3.1	9	3, 11, 17, 19, 23, 31, 35, 39, 43
_____	3.2	6	1, 5, 9, 13, 19, 25
_____	3.3	5	5, 9, 11, 13, 15
_____	<input type="text"/>	<b>20</b>	<b>Chapter 3 Total</b>
_____	4.1	11	1, 3, 9, 13, 15, 19, 21, 25, 27, 31, 33
_____	4.2	6	1, 5, 9, 13, 17, 19
_____	4.3	17	1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 43-48 all
_____	4.4	8	3, 7, 13, 17, 23, 29, 35, 39
_____	4.5	14	3, 7, 13, 17, 23, 29, 33, 35, 43, 47, 55, 61, 67, 69
_____	4.6	7	1, 5, 9, 13, 17, 21, 25
_____	4.7	8	1, 7, 13, 19, 21, 27, 31, 35
_____	4.8	6	1, 5, 9, 13, 17, 21
_____	4.9	6	1, 3, 7, 11, 13, 15
_____	<input type="text"/>	<b>83</b>	<b>Chapter 4 Total</b>

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**Name :** \_\_\_\_\_

<b>Correct</b>	<b>Sect</b>	<b>#</b>	<b>Problems</b>
_____	5.1	9	9, 11, 17-20 all; 25, 33, 49
_____	5.2	9	1, 3, 5, 9-19
_____	5.3	4	3, 9, 14, 15
_____	<input type="text"/>	<b>22</b>	<b>Chapter 5 Total</b>
_____	6.1	8	3, 11, 15, 17, 21, 25, 29, 33
_____	6.2	10	1, 5, 9, 11, 13, 15, 19, 23, 27, 31
_____	6.3	8	1, 5, 9, 13, 17, 25, 45, 47
_____	<input type="text"/>	<b>26</b>	<b>Chapter 6 Total</b>
_____	7.1	8	1, 7, 13, 21, 27, 31, 37, 41
_____	7.2	8	3, 11, 17, 23, 27, 33, 35, 39
_____	7.3	19	1, 5, 9, 13, 17, 21, 25, 29, 37, 41, 45, 49-54 all; 57, 67
_____	7.4	12	1, 5, 9, 13, 21, 25, 29, 33, 37, 41, 45, 49
_____	7.5	4	1, 3, 7, 11
_____	7.6	4	1, 5, 9, 15
_____	<input type="text"/>	<b>55</b>	<b>Chapter 7 Total</b>
_____	8.1	5	5, 9, 15, 19, 23
_____	8.2	11	1, 5, 9, 13, 19, 25, 29, 33, 37, 43, 45
_____	8.3	8	1, 5, 9, 13, 17, 21, 25, 29
_____	8.4	6	1, 5, 9, 15, 19, 23
_____	<input type="text"/>	<b>30</b>	<b>Chapter 8 Total</b>
_____	9.1	3	1, 5, 9
_____	9.2	3	3, 7, 11
_____	<input type="text"/>	<b>6</b>	<b>Chapter 9 Total</b>

## **Math 230 - Homework**

This document contains a list of assigned problems for Math 230, Differential Equations. All assigned problems are odd numbered unless otherwise noted.

The problems should be worked out and submitted at the beginning of class on the day of the exam over the corresponding chapter(s). Each homework problem should be worked and then graded by checking the answers in the book. Not all answers will be in the textbook, so you may need to check with the instructor, trust your instincts, or ask other students for the correct answer.

If you miss a problem, go back and figure out why you missed it. It is the number of problems that you have correct when the homework is turned in that determine how many points you get, not the number of problems you got right the first time you attempted it.

I suggest that you copy the original problem down where possible. Also show plenty of work. The work may be useful when working on take home exams.

### **Grading**

There are 331 problems in 39 sections of homework for an average of about 8.5 problems per section.

After totaling the number of correct problems for each chapter, divide that total by 3 and round to the nearest integer. Write this number in the box on the chapter total line.

This gives you a possibility of 111 points. The homework is only worth 100 points, though, so you can miss 11 points without hurting your grade. If you optimize which problems you miss, you can miss approximately 38 homework problems and still get 100 points.