

**Homework Exercises**  
subject to change

Section	10 point problems	11 point problems
1.1	9, 10, 13, 14, 17, 18, 22, 27, 28, 33, 34, 36	38, 42
1.2	29, 30, 32, 34, 39, 40, 42, 45, 48, 51, 52	44, 50, 54, 58
1.3	3, 4, 5, 6, 13, 14, 16, 18, 20, 28, 30	24, 32
1.4	2, 3, 4, 5, 6, 8	10
1.5	3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 40, 42, 45, 48, 50, 52, 54, 62, 68	56, 58, 60
1.6	3, 6, 18, 21, 24, 26, 30, 32, 34, 35, 40, 46, 50, 60	52
1.7	5, 10, 15, 20, 25, 30, 35, 38, 40, 45, 51, 53	48, 50, 52, 60
1.9	2, 3, 6, 7, 9, 12, 15, 18, 20, 24, 28, 30, 33, 36, 39, 42, 48, 51	50, 52, 68, 70
3.1	7, 8, 10, 13, 14, 16, 19, 20, 23, 24, 26, 27, 28, 30	
3.2	5, 6, 8, 13, 14, 16, 18, 20, 23, 24, 26, 28, 32	30, 34
3.3	7, 8, 10, 15, 16, 18, 22, 24, 25, 28, 30, 33, 34, 36, 38, 42, 44, 47, 48, 51, 53	50, 54
3.4	5, 6, 8, 10, 13, 14, 16, 18, 19, 21, 24, 27, 28, 33, 34, 36	30, 38
3.5	3, 6, 9, 11, 12, 15, 18, 21, 24, 27, 28, 33, 34, 35, 39	30, 36, 40, 42
3.6	3, 4, 6, 7, 9, 12, 15, 18, 19, 20, 21, 22	24, 26, 28
3.7	2, 4, 6, 10, 12, 13, 14, 16, 18, 20, 22, 23, 27, 28, 30, 34, 36, 38, 40	42, 44, 48
3.8	3, 6, 9, 10, 13, 14, 16, 18	
3.9	4, 5, 8, 10, 14, 16	17
4.1	6, 8, 9, 12, 15, 16, 18, 19	
4.2	3, 6, 12, 15, 16, 18, 21, 21, 24, 25, 26, 28, 29	32, 34
4.4	6, 9, 12, 14, 18a, 21, 22, 26, 32, 33	16, 24, 28, 30
4.5	6, 7, 8, 10, 12, 14, 15, 16, 18, 19, 21, 25	22, 24, 28
4.6	6, 9, 12, 18, 21, 24, 27, 30, 32, 33	36, 38, 40, 42
4.7	6, 9, 10, 12, 15, 18, 19, 20, 22, 23, 25, 34, 35, 38, 40	26, 28, 30, 42
4.8	3, 4, 6, 9, 10, 12, 13, 14, 16, 17, 20, 21, 23, 27	22, 24, 26, 28
	Work as many exercises as you require to understand. You also need to work enough exercises so that you are prepared for homework presentations. Eleven point exercises are (nearly) all proof problems.	