

Math 22 Tentative Homework

Do all questions in the TEST YOURSELF sections that are listed just before the Exercise Sets in your textbook.

They will help you check that you are using the correct mathematical language.

	Problems with solutions or hints at back of book	Problems with no solutions or hints at back of book
1.1	1, 3, 5, 7ac, 8, 10, 12	6, 7bd, 9, 11
1.2	1, 2ac, 3, 5, 6, 7acd, 8ad, 9abfi, 10ac, 11	4, 7be, 8bc, 9chj, 12
1.3	1, 3, 5, 7, 9, 11, 13, 15ab, 16, 19	4, 8, 14, 15de
2.1	1, 3, 5a, 6ab, 8ad, 10ac, 11, 12, 14, 16, 18, 23, 25, 27, 32, 34, 38, 40, 44, 46	4, 5bc, 8bce, 10bde, 13, 15, 22, 24, 29, 30, 39, 42, 45
2.2	1, 3, 5, 9, 12, 13a, 14a, 16, 19, 20adf, 21a, 22adf, 23adf, 24, 26, 28, 29, 32, 34, 37, 40, 42, 44, 46ab	4, 11, 13b, 14b, 15, 18, 20cg, 21bc, 22cg, 23cg, 25, 27, 31, 35, 36, 41, 43, 46cdef
2.3	1, 3, 7, 8, 12a, 14, 18, 22, 24, 26, 27, 36, 37, 39, 41, 43	2, 4, 9, 11, 12b, 17, 20, 21, 23, 28, 29, 31, 33, 34, 44
3.1	Do ALL except 1, 4, 12, 21, 27, 31, 32	
3.2	Do ALL except 23, 33, 34, 35, 36	
3.3	9a, 10ac, 11acd, 12ab, 14, 15, 21a, 22, 29, 31–34, 37, 39, 40a, 41abe, 44a	9b, 10bdef, 11bef, 12cd, 16, 17, 21d, 23, 30, 38, 40b, 41cdh, 44bc
3.4	2, 5, 7–10, 16, 19ab, 21, 23, 25, 33	4, 5, 11–15, 19cd, 20 22, 24, 26, 27, 34
4.1	2, 7, 19, 25, 35, 38–40, 43	3, 5, 6, 10, 12, 13, 16, 18, 21, 23, 28, 32, 34, 37, 41, 42, 46, 49, 50, 52, 53, 55, 57–59
4.2	9, 12, 16, 18, 19, 24, 35, 37	8, 10, 14, 20, 23, 25, 30, 33, 36, 38, 39
4.3	4, 12, 14, 19, 24, 26, 27, 32, 41	5, 13, 16, 18, 20, 23, 28–30, 36b, 45
4.4	5, 7, 13, 14, 16, 20, 23, 28, 32, 34, 38	2, 6, 8, 10, 17, 19, 22, 25, 30, 31
4.5	1, 3, 8, 10, 11, 18, 26, 30, 32	4, 6, 7, 9, 12, 13, 17, 20, 22, 24, 28, 31
4.6	7, 9, 16, 34	4, 6, 8, 10–12, 15, 17, 35
5.1	1, 3, 5, 7, 10, 15, 18, 30, 41, 51, 61, 63, 73	2, 11–13, 19, 20, 23, 27, 29, 34, 36, 43, 47, 49, 53, 55, 58, 65, 68, 72
5.2	5, 10, 33–35	2, 4, 7, 11, 12, 14, 19*, 21, 23, 27
5.3	3, 6, 11, 16, 24, 30, 31	4, 5, 7, 10, 12, 18, 20, 25, 28, 39
5.4	1, 4, 5, 24	2, 6, 7, 10, 19
5.5	1, 3, 5, 7, 13, 26, 27	2, 4, 6, 8, 12, 14, 17, 22, 25, 29
5.6	1, 2, 5, 6, 9, 12, 24, 30, 37, 52	4, 7, 13, 25, 29, 31, 32, 34, 38
6.1	3, 5, 10, 11, 18, 19, 21, 28, 31	6, 8, 9, 13–17, 27
6.2	1, 3, 5, 8, 9, 11–13, 16, 20, 21, 24, 25, 30	4, 6, 10, 14, 17, 22, 23, 31
6.3	1, 3, 5, 11, 12, 14, 18, 28, 29, 31, 41, 44, 51	4, 7, 15, 20, 22, 24, 32, 33, 38, 42, 46, 54
6.4	1, 4, 6–8, 14, 17, 21	2, 3, 5, 9, 15, 19, 22
7.1	1, 3, 7, 9, 10, 11, 13, 25, 27, 31, 34, 36, 38	2, 4, 14, 35
7.2	1–7, 10, 14, 15, 19, 30, 32, 36, 38–41	8, 9, 11, 13, 17, 31
7.3	1, 6	2, 8
7.4	1, 2, 10	4, 5, 12
8.1	3, 4, 15, 19	5, 6, 8, 9, 11, 14, 18, 20
8.2	1, 9, 11, 16, 18, 25, 31, 43, 45	2, 14, 17, 19, 22, 33
8.3	1, 3, 5, 7, 8, 18, 21, 30, 32	4, 6, 9, 12, 23, 31, 38
9.1	2, 3, 9, 16, 18, 21	4, 10, 13, 19
9.2	6, 8, 9, 11, 16, 19, 21, 26	14, 17, 18, 20, 22, 27, 30, 32, 33
9.3	1, 3, 4, 6, 7, 12, 13, 15, 18, 22a, 29, 31	20, 30, 32

9.5	1, 3, 6, 8, 19, 25	11, 13, 17, 26a–e, 27, 30
9.6	5, 10, 17, 23	9, 11, 16
10.1	1, 3, 5, 8, 12, 15, 17, 18, 21, 24, 27, 33, 36a	
10.2	1, 4, 8a, 9a, 12, 14, 19, 23, 26, 32, 33, 34	
10.3	2a, 3, 7, 8–14	