

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/hints at back of book

- 1.1 1, 3, 5, 7ac, 8, 10, 12
1.2 1, 2ac, 3, 5, 6, 7acd, 8ad, 9abfi, 10ac, 11
1.3 1, 3, 5, 7, 9, 11, 13, 15ab, 16, 19
- 2.1 1, 3, 5a, 6ab, 8ad, 10ac, 11, 12, 14, 16, 18, 23, 25, 27, 32, 34, 38, 40, 44, 46
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
2.3 1, 3, 7, 8, 12a, 14, 18, 22, 24, 26, 27, 36, 37, 39, 41, 43
- 3.1 ALL except 27
3.2 ALL except 36
3.3 9a, 10ac, 11acd, 12ab, 14, 15, 21a, 22, 29, 31–34, 37, 39, 40a, 41abe, 44a
3.4 2, 5, 7–10, 16, 19ab, 21, 23, 25, 33
- 4.1 1, 2, 4, 7, 9, 11, 14, 17, 19, 20, 22, 25, 31, 35, 38–40, 43, 47, 54
4.2 6, 9, 11–13, 15–19, 21, 24, 35, 37
4.3 1, 2, 4, 7, 12, 14–16, 18, 19, 24, 26, 27, 32, 38
4.4 1, 5, 7, 13, 16, 20, 23, 26, 28, 29, 32, 38
4.5 1, 3, 5, 8, 10, 11, 18, 19, 21, 23, 25, 30,
4.6 1, 3, 7, 9, 13, 19, 34
- 5.1 ALL
5.2 1, 5, 10, 13, 15, 20, 28, 30, 33–35
5.3 3, 4, 6, 11, 14, 16, 24, 30, 31
5.4 1, 4, 5, 10, 13, 20, 24
5.5 1, 3, 5, 7, 11, 13, 17, 26, 27, 38
- 6.1 1ac, 2, 3ab, 5, 10, 27ad, 28, 31, 34a, 35ab
6.2 1, 6, 8, 9, 11, 13, 16, 20–25, 30, 33
6.3 3, 5, 9, 11, 14, 15, 18, 19, 23, 27, 28, 31, 36, 39, 41, 44, 47
6.4 1, 4, 6, 7, 8, 10, 13, 14, 17, 21
- 7.1 1, 3–5, 7–11, 27, 29, 31, 33, 34, 36, 38, 39
7.2 1–3, 5–9, 10, 13–15, 20, 21, 30, 38, 39
7.3 1, 6
7.4 1, 2, 3, 10, 11
- 8.1 4, 8, 9, 13, 15, 16, 19
8.2 1, 12, 15, 18, 23, 28, 31
8.3 1, 3, 7, 11, 18, 22, 25, 30, 32, 34, 35, 38
- 9.1 2, 3, 9, 16, 18, 21
9.2 6, 8, 9, 11, 14, 16, 19, 20, 21, 22, 26, 32, 33
9.3 1, 3, 4, 6, 7, 12, 13, 15, 18, 20, 22a, 29, 30, 31
9.5 1, 3, 6, 8, 19, 25
9.6 5, 10, 17, 23
- 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

Problems with no solutions/hints at back of book

- 6, 7bd, 9, 11
4, 7be, 8bc, 9chj, 12
4, 8, 14, 15de
- 4, 5bc, 8bce, 10bde, 13, 15, 22, 24, 29, 30, 39, 42, 45
- 4, 11, 13b, 14b, 15, 18, 20cg, 21bc, 22cg, 23cg, 25, 27, 31, 35, 36, 41, 43, 46cdef
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- 4, 5, 11–15, 19cd, 20, 22, 24, 26, 27, 34
- 3, 5, 6, 10, 12, 13, 16, 18, 21, 23, 26, 32, 37, 41, 42, 50, 52, 53, 57, 58
- 7, 8, 20, 23, 26, 30, 33, 36, 38, 39
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4, 6, 7, 9, 12, 17, 20, 22, 24, 28, 32
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- 2, 4, 7, 11, 12, 23, 29, 31
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6, 7, 9, 19
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- 8, 9, 12, 13, 15, 17, 18, 29, 33
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- 3, 4, 25, 28, 35, 40
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- 3, 6, 7, 11, 14, 18, 20
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- 4, 10, 13, 19
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