Algebra & Trigonometry — Homework MAT 150, Fall 2017 — D. Ivanšić

List of Assigned Problems

Section	Exercises
JIT.17	1-8
1.1	1, 5, 9, 13, 15, 17–27odd, 51–61odd, 63–75efou, 77–81odd, 83–91efou, 95, 99–119odd, 123, 125
JIT.6	1-10
JIT.7	1-10
JIT.14	1-8
1.2	21–29odd, 37–89odd, additionally: for 37–41odd answer: how many solutions does the equation $f(x) = 3$ have, and what are they approximately?
1.3	VtG 1–90dd, 1–29efou, 43–770dd
1.4	1–25efou, 27–41odd, 45–59odd, 61, 63, 67, 69
1.5	3–31efou, 33–65odd, 71–87efou
JIT.18	1-6
1.6	1–13efou, 17–21odd, 29–39odd, 43–51odd
JIT.13	1-6
JIT.15	1–3
JIT.21	3–6
JIT.22	1-6
JIT.23	1-6
2.1	1, 5, 7, 11, 13, 15, 19, 21, 29–55odd, 71–75odd
2.2	1–15odd, 17–33efou, 35–47odd
2.3	1–53odd
2.4	33–45odd
2.5	VtG 1–9, 1–350dd, 45–48, 49–570dd, 59–66, 71–78, 81–84
JIT.25	1–20
JIT.26	1-8

$$\label{eq:constraint} \begin{split} & \mbox{efou} = \mbox{every fourth} \\ & \mbox{VtG} = \mbox{Visualize the Graph} \end{split}$$

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efou = every fourthVtG = Visualize the Graph

Section	Exercises
3.1	1–90dd, 11–75efou, 79–850dd
3.2	1–19odd, 29–33odd, 37–61odd, 71–83efou, 91–97odd, 107–119odd
3.3	VtG 1–10, 1–15 odd, 17–24, 31–39 efou, 43–53 odd
3.4	3–75efou, 81–89odd
3.5	3–31efou, 33–63odd
4.1	1–9efou, 11–17odd, 19–22, 23–41odd, 51–65odd
4.2	VtG 1–10, 1–5odd, 7–12, 13, 17, 19, 25–35odd
JIT.27	1–11
5.1	25–430dd, 55–1010dd
5.2	$1,\ 3,\ 510,\ 1117\text{odd},\ 2747\text{odd},\ 5161\text{odd},\ 63,\ 65,\ 69,\ 73,\ 75$
5.3	5–770dd, 83–910dd, 95–1010dd
5.4	1–75odd
5.5	1-59 odd, 63, 65, 67
5.6	1-15odd
6.1	1–27odd, 31–67efou, 71–97odd
6.2	1–13efou, 17–29odd, 33–39odd
6.3	1–37odd
6.4	1–77odd
6.5	1–41odd
6.6	1–19odd
7.1	1–110dd, 17–290dd, 51–770dd
7.2	5–35odd
7.3	1–29odd
7.4	1–90dd, 15, 17, 21–250dd, 29, 31, 37–650dd
7.5	1–41odd
8.1	1–31odd
8.2	1–15odd, 25–33odd
8.4	1–89odd