### College Algebra — Homework MAT 140, Fall 2017 — D. Ivanšić

### List of Assigned Problems

Section	Exercises
<b>JIT.17</b>	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
<b>JIT.14</b>	1–8
1.2	$\begin{array}{l} 21-29 \text{odd, } 37-89 \text{odd, additionally:} \\ \text{for } 37-41 \text{odd answer: how many solutions does the equation } f(x)=3 \text{ have,} \\ & \text{and what are they approximately?} \end{array}$
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
<b>JIT.13</b>	1-6
<b>JIT.15</b>	1–3
<b>JIT.21</b>	3–6
<b>JIT.22</b>	1-6
<b>JIT.23</b>	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, 1-35 odd, 45-48, 49-57 odd, 59-66, 71-78, 81-84
<b>JIT.25</b>	1–20
<b>JIT.26</b>	1-8

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

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## List of Assigned Problems

efou = every fourth		
VtG = 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, 1–15odd, 17–24, 31–39efou, 43–53odd
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, 1–50dd, 7–12, 13, 17, 19, 25–350dd
<b>JIT.27</b>	1–11
5.1	25–43odd, 55–101odd
5.2	1,  3,  510,  1117 odd,  2747 odd,  5161 odd,  63,  65,  69,  73,  75
5.3	5–770dd, 83–910dd, 95–1010dd
5.4	1–75odd
5.5	1–59odd, 63, 65, 67
5.6	1–15odd