Math 102 Homework Assignments

A Survey of Mathematics, 8ᵗʰ Edition, by Angel, Abbott & Runde

	Topic	Assignment (odds only)
4.1	Additive & Multiplicative Numeration Systems	9–77,84; page 219: 1–39,43,45
4.2	Positional Numeration Systems	9–57; page 219: 41,47
4.3	Modern Base-b Positional Systems	3–49,50,51–65,68,69,71,72; page 219: 49–59
4.4	Arithmetic in Other Bases	7–65,69,71; page 219: 61–83
4.3*	Modern Base-b Positional Systems II	5,6,7,8,9 on Chapter 4 supplement
4.4*	Arithmetic in Other Bases II	10 on Chapter 4 supplement
10.1	Groups	7,9,14,15–41,42 + Chapter 10 supplement
10.2	Finite Mathematical Systems	13,14,15–77,83
10.3	Modular Arithmetic	9–77
5.1	Prime Numbers	23–69,70 + Chap. 5 supplement: 1,2,3
5.2	Integers	47–55
5.3	Rational Numbers	39–67,117–121,130 + Chap. 5 supplement: 4
5.4	Irrational Numbers	9–47,91,92,93,94 + Chap. 5 supplement: 5
5.5	Real Numbers	9–27,33,39,41–61,69,71,73 + Chapter 5 supplement: 6
6.2	Linear Equations in One Variable	39–63
6.4	Applications of Linear Equations	7–49
6.7	Linear Equations in Two Variables	35–73
6.8	Linear Inequalities in Two Variables	5–25
7.5	Systems of Linear Inequalities	5–21
7.6	Linear Programming	7–19 all, 21; page 466: 16
9.1	Elementary Planar Geometry	13–63,71–85
9.2	Polygons	29–67
9.3	Length and Area	7–45
9.4	Volume	3–39