**Chapter 6: Solving Linear Inequalities**

**(P1)**

**6.1: Solving Inequalities Using Addition and Subtraction (pp. 359-361)**

**Set A: Write and Graph Inequalities (6):** 3, 4, 5, 6, 7, 8

**Set B1: Solve and Graph Inequalities (8):** 10, 11, 14, 15, 16, 17, 20, 21

**Set B2: Solve and Graph (includes fractions) (4):** 12, 13, 18, 19

**Set C: Translate a verbal phrase, then solve and graph an inequality (2):** 24, 25

**WP (3):** 27, 28, 32

23 Problems Total

**6.2: Solving Inequalities Using Multiplication and Division (pp. 366-368)**

**Set A: Solve and Graph Inequalities (11):** 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

**Set B: Translate a verbal phrase, then solve and graph an inequality (2):** 30, 31

**WP (2):** 36, 38 – part b only

15 Problems Total

**6.3: Solve Multi-Step Inequalities (pp. 372-374)**

**Set A: Solve and Graph Basic Multi-Step Inequalities (9):** 3, 4, 5, 6, 7, 8, 9, 12, 13

**Set B: Solve and Graph Multi-Step Inequalities Involving “no solution” or “all real #s” (9):**

 17, 18, 19, 20, 21, 22, 23, 24, 28

**Set C: Translate the verbal phrase into an inequality and solve (2):** 29, 30

**WP (2):** 34, 37

22 Problems Total

**6.7: Graph Linear Inequalities in two Variables (pp. 409-412)**

**Set A: Check if the given ordered pair is a solution to the linear inequality (5):** 3, 4, 5, 6, 7

**Set B: Graph the linear inequality (4):** 17, 18, 19, 20

**WP (2):** 53, 55 (a and b only)

11 Problems Total