**Chapter 7: Solving Systems of Linear Equations and Inequalities**

**7.1: Solve Linear Systems by Graphing (pp. 430-433)**

**\*Use Worksheet 7.1B First, then use text if need extra problems**

**Set A: Decide if an ordered pair is a solution**

**Set B: Solve by Graphing**

**WP**

**7.2: Solve Linear Systems by Substitution (439-441)**

**Set A: Solve by Substitution (basic) (5):** 3, 4, 9, 11, 13

**Set B: Solve by Substitution (involving fractions and decimals) (3):** 20, 23, 25

**WP (3):** 31, 32, 33

11 Problems Total

**7.3: Solve Linear Systems by Addition and Subtraction (447-450)**

**Set A: Solve by Addition (2):** 3, 4

**Set B: Solve by Subtraction (2):** 9, 12

**Set C: Arrange equations then solve (2):** 17, 18

**Set D: Equations involving fractions and decimals (2):** 26, 28

**WP (3):** 39, 40, 41

11 Problems Total

**7.4: Solve Linear Systems by Multiplying First (pp. 454-457)**

**Set A: Multiplying one equation (2):** 4, 5

**Set B: Multiplying both equations (3):** 9, 10, 11

**Set C: Method of Choice (3):** 21, 24, 31

**WP (4):** 33, 37, 38, 40

12 Problems Total

**7.5: Solve Special Types of Linear Systems (pp. 462-465)**

**Set A: Using a graph to determine the number of solutions (5):** 5, 6, 7, 8, 9

**Set B: Solve by eliminating or substituting (5):** 15, 16, 18, 20, 21

**Set C: Identify number of solutions *without* actually solving (3):** 26, 27, 28

**WP (3):** 36, 37, 38

16 Problems Total

**7.6: Solve Systems of Linear Inequalities (pp. 469-472)**

**\*WS 7.6B and 7.6C**

**Set A: Determine if an ordered pair is a solution (3):** 3, 4, 5

**Set B: Graph the linear system (4):** 14, 16, 17, 20

**Set C: Write the Linear System (3):** 27, 28, 29

**WP (2):** 37, 38

12 Problems Total