

## Unit 2: Linear Systems

**G1: Model and solve problems involving the intersection of two straight lines.**

#	Topic	Check Your Understanding
2.0	Solving Linear Equations - Review from 1W	Set 1: handout
		Set 2: handout
2.1	Graphing Linear Relations	Set 1: p. 5 #5a,6ab,7ab,8ac
		Set 2: p. 5 #5d,6d,7bd,8ac
2.2	Solve a Linear System by Graphing	Set 1: p. 17 #7,8ab,9ab,10a (DESMOS)
		Set 2: p.17 #7,8d,9c,10be (DESMOS),20
2.3	Substitution	Set 1: p.26 #1ab,2d,4bd,5ac,12
		Set 2: p.26 #5de,12,17a,19,20b
2.4	Equivalent Systems (Desmos investigation)	Set 1: p. 32 #1-3,6
		Set 2: p.32 #2,3d,8
2.5	Elimination (no formal checks needed for homework)	Set 1: p.40 #2d,4a,5ab,6ad,7c
		Set 2: p.40 #5d,6b,7c,12c,13,18,19b,20a
2.6	Problem Solving: Day 1.... (gym, cell phone, car rental)	Set 1: p.18 #11,13,14 ( <i>no graphing; use sub/elim</i> )
		Set 2: p.18 #13,14,17 ( <i>do not graph; use sub/elim</i> )
2.7	Problem Solving: Day 2... (number, age, money)	Set 1: p.18 #12,16 p.46 #3,12,15
		Set 2: p.18 #12,16 p.46 #12,15,16
2.8	Problem Solving: Day 3 (interest, concentration)	Set 1: p.46 #4,10,13,14
		Set 2: p.46 #4,10,13,14
	Review	p. 48-51

**Test Date** \_\_\_\_\_