

Chapter 4 Systems of Equations and Inequalities

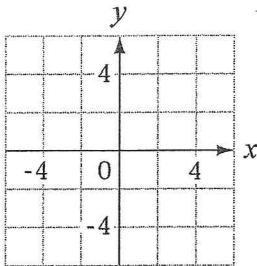
Day	Topic	Assignment	Worksheet/ Quiz
1. _____	4.1.1 Systems w/ Graphing (2 Variables) P226 Ex.1,2	P228 #3,12G,26G	22C1
2. _____	4.1.2 Systems w/ Substitution (2 Var) P227 Ex.3	P230 #33,36,39,48*,61*	W/S 4.1
3. _____	4.2.1 Systems w/ Addition (2 Variables) P234 Ex.1,2	P239 #3,4,7,8,12*,15,16,31*	Quiz 1
4. _____	4.2.2* Systems with 3 Linear Equations (3 Var)	P241* 42-47,52*	W/S 4.2
5. _____	4.3	P257 #23*,24,25,32*	
6. _____	4.4 Application Questions (2 Variables) P262 Ex.1,2,3** (3 Variables)	P267 #5,6,7,10,21,22,25,27 P270 #31 *,33*,36*	W/S 4.4 Quiz 2
7. _____	4.5 Systems of Linear Inequalities P273 Ex.1	P274 #5G,11G,14G,19G,27G	W/S 4.5 Quiz 3
8. _____	Review	P281 #1,2, ³ 12,13,17,21G,22G P283 #5,6,8,14,16G	
9. _____	Chapter 4 Test		Ch4 TEST
10. _____	Cumulative Review Exercise	P284 All (not #21)	

Name _____

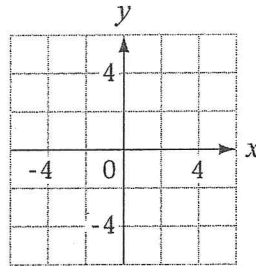
Score _____

Solve by graphing.

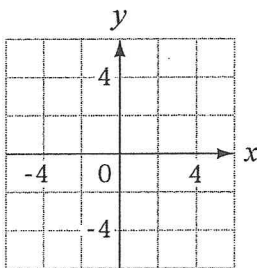
1. $x + y = -1$
 $x + 2y = 1$



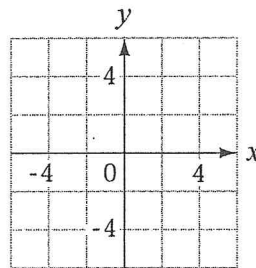
2. $x + y = 1$
 $2x - y = 5$



5. $2x - 3y = 10$
 $y = -2$



6. $x = 3$
 $2x - y = 4$

**Additional Objective 4.1.2 Exercises****Solve by substitution.**

4. $y = -x + 2$
 $3x - y = -6$

5. $x = y + 2$
 $x - 2y = -1$

6. $x = 3y - 1$
 $3x - y = 5$

19. $x = 3y + 1$
 $x = 2y - 1$

20. $x = 3y + 2$
 $x = -y - 6$

21. $y = 4x - 1$
 $y = 4 - x$

22. $y = 4 - 3x$
 $y = 3 - 2x$

23. $-x + 2y = 8$
 $4x + y = 13$

24. $2x + y = 3$
 $3x - 2y = -20$

Additional Objective 4.2.1 Exercises

Solve by the addition method.

1. $x - y = 3$
 $x + y = 5$

2. $x + y = 5$
 $3x - y = 7$

3. $x - y = 7$
 $3x + y = 9$

4. $x - 2y = 3$
 $x + 3y = -2$

5. $2x + y = 1$
 $x + 2y = 5$

10. $x + 2y = 12$
 $3x - 2y = -4$

11. $2x - 3y = 7$
 $4x - 6y = 14$

12. $2x - y = 4$
 $6x - 3y = 12$

22. $4x + 3y = 2x + 5$
 $3x - 2y = x + 10$

24. $\frac{3}{5}x - \frac{1}{3}y = 7$
 $\frac{1}{4}x - \frac{2}{5}y = -1$

Additional Objective 4.2.2 Exercises

5. $2x + y + 3z = 8$
 $x + y + z = 1$
 $4x - y - z = 14$

7. $3x - y + z = 4$
 $2x - 3y + 2z = 6$
 $x - y + z = 2$

Additional Objective 4.3.2 Exercises

10. $3x + 4y - 2z = -1$
 $5x + 5y - 3z = 2$
 $6x + 3y - 2z = 5$