Name _____ Date _____

LESSON 7.3

Practice B

For use with pages 443–450

Rewrite the linear system so that the like terms are arranged in columns.

1. $8x - y = 19$
$y + 3x = 7$

2. $4x = y - 11$
$6y + 4x = -3$

3. $9x - 2y = 5$
$2y = -11x + 8$

Describe the first step you would use to solve the linear system.

4. $22x - y = -4$
$y = 6x - 5$

5. $25 = x - 7y$
$x + 12y = -8$

6. $3x + 7 = 2y$
$-2y - 1 = 10x$

7. $x + 9y = 2$
$14x - 9y = -4$

8. $4x + 3y = -6$
$3y = -5x + 1$

9. $4x + y = -10$
$x + y = -14$

Solve the linear system by using elimination.

10. $x + 5y = 28$
$-x - 2y = -13$

11. $7x - 4y = -30$
$3x + 4y = 10$

12. $6x + y = 39$
$-2x + y = -17$

13. $3x = y - 20$
$-7x - y = 40$

14. $2x - 6y = -10$
$4x = 10 + 6y$

15. $x - 3y = 6$
$-2x = 3y + 33$

Name _____ Date _____

LESSON 7.4

Practice B

For use with pages 451–457

Describe the first step you would use to solve the linear system.

1. $3x - 4y = 7$
$5x + 8y = 10$

2. $9x + 4y = 13$
$3x + 5y = 9$

3. $5x + 7y = -3$
$15x + 4y = -5$

4. $7x - 4y = 6$
$3x - 2y = -15$

5. $7x + 9y = -6$
$-5x + 14y = 11$

6. $9x - 5y = 14$
$-6x + 8y = 13$

Solve the linear system by using elimination.

7. $x + 3y = 1$
$-5x + 4y = -24$

8. $-3x - y = -15$
$8x + 4y = 48$

9. $x + 7y = -37$
$2x - 5y = 21$

10. $8x - 4y = -76$
$5x + 2y = -16$

11. $-3x + 10y = 23$
$5x + 2y = 55$

12. $9x - 4y = 26$
$18x + 7y = 22$

13. $4x - 3y = 16$
$16x + 10y = 240$

14. $20x + 10y = 100$
$-5x + 4y = 53$

15. $3x - 10y = -25$
$5x - 20y = -55$

16. $-3x - 4y = 27$
$5x - 6y = -7$

17. $2x + 7y = 2$
$5x - 2y = 83$

18. $3x - 5y = -16$
$2x - 3y = -8$