

4-1 EXERCISES

A

Solve graphically.

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

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

7. $a = 1 + b$
 $b = -2a + 5$

10. $2b + a = 11$
 $a - b = 5$

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

5. $4x - y = 9$
 $x - 3y = 16$

8. $x = y - 1$
 $2x = 3y$

11. $y = -\frac{1}{3}x - 1$
 $4x - 3y = 18$

3. $2x - y = 4$
 $5x - y = 13$

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

9. $2u + v = 3$
 $2u = v + 7$

12. $y = -\frac{1}{4}x + 1$
 $2y = x - 4$

B

Solve graphically.

13. $3x - y = -5$
 $y - 3x = -2$

14. $y = -3x + 5$
 $4y + 12x = 20$