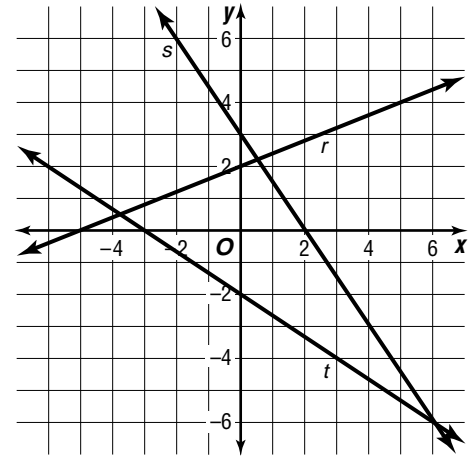


Practice

Writing Linear Equations in Slope-Intercept Form*For each line graphed at the right:*

- state the slope,
- state the x - and y -intercepts, and
- write an equation in slope-intercept form.

1. r 2. s 3. t *Find the x - and y -intercepts of the graph of each equation.*

4. $4x - 3y = 12$

5. $2x - 5y = 20$

6. $x + 5y = 8$

7. $3x - y = -7$

Find the slope and y -intercept of the graph of each equation.

8. $5x + 2y = 7$

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

10. $8x - y = 12$

11. $7x - 2y = 9$

Write an equation in standard form for a line that passes through each pair of points.

12. $(3, 4), (-1, -4)$

13. $(2, 5), (0, 3)$

14. $(-3, 1), (-1, -3)$

15. $(-5, -2), (1, -6)$