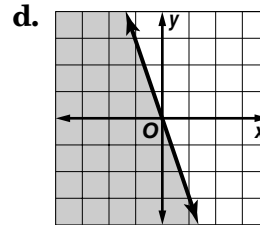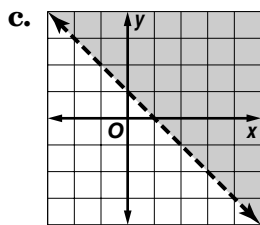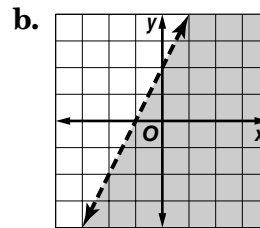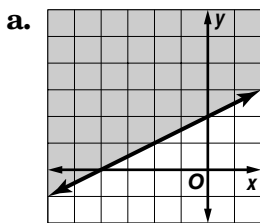## 6-6 Skills Practice

Graphing Inequalities in Two Variables

Determine which ordered pairs are part of the solution set for each inequality.

1. $y > 3x$, $\{(1, 5), (1, 0), (-1, 0), (5, 1)\}$

2. $y \geq x + 3$, $\{(2, -3), (-2, -1), (1, 6), (3, 4)\}$
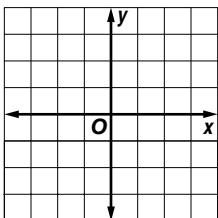
3. $y < x - 1$, $\{(3, 1), (-2, -4), (4, -2), (-3, 3)\}$

Match each inequality with its graph.

4. $y - 2x < 2$

5. $y \leq -3x$

6. $2y - x \geq 4$

7. $x + y > 1$

a.

b.

c.

d.

Graph each inequality.

8. $y < -1$

9. $y \geq x - 5$

10. $y > 3x$

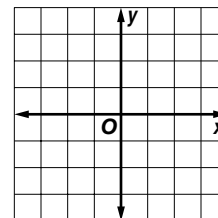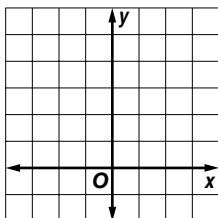**11.** $y \leq 2x + 4$

12. $y + x > 3$

13. $y - x \geq 1$