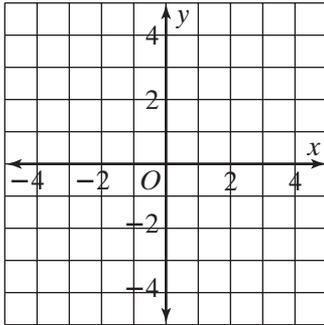


Practice 8-8

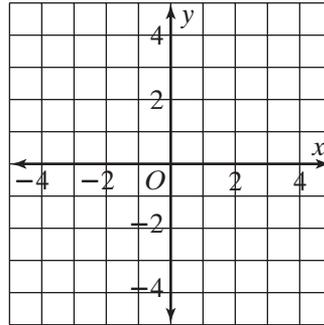
Graphing Linear Inequalities

Graph each inequality.

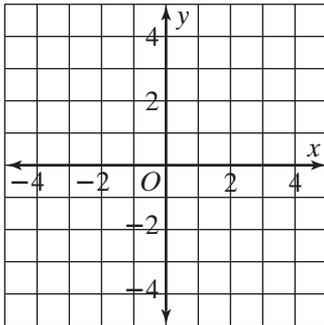
1. $y < x$



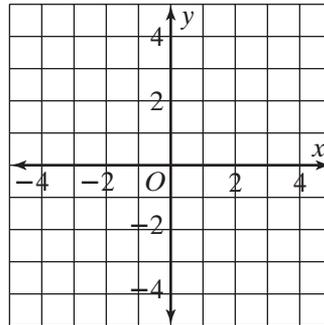
2. $x + y \leq 2$



3. $x + 2y \geq 4$

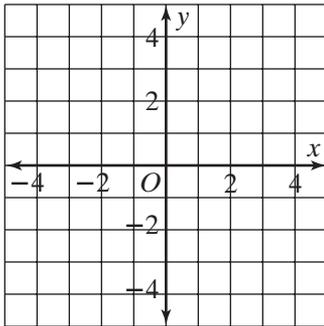


4. $x > -2$

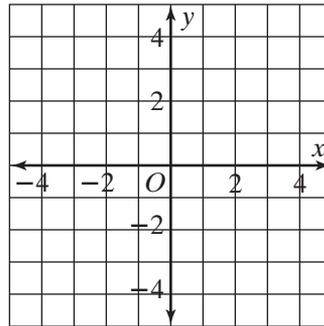


Solve each system by graphing.

5. $y \geq -x - 2$
 $x - 2y < 4$



6. $x + y < 3$
 $y \geq 3x - 2$



7. Is the origin a solution to the system in Exercise 5? _____
8. Is $(4, 0)$ a solution to the system in Exercise 5? _____
9. Is $(1, 0)$ a solution to the system in Exercise 6? _____
10. Is $(-1, 0)$ a solution to the system in Exercise 6? _____