

5.7 Notetaking with Vocabulary (continued)

Extra Practice

In Exercises 1–4, tell whether the ordered pair is a solution of the system of linear inequalities.

1. $(0, 0); y > 2$
 $y < x - 2$

2. $(-1, 1); y < 3$
 $y > x - 4$

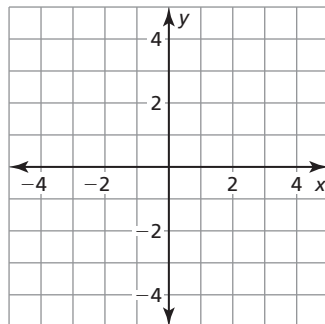
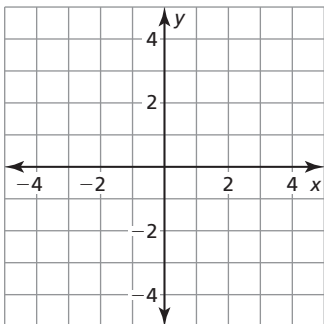
3. $(2, 3); y \geq x + 4$
 $y \leq 2x + 4$

4. $(0, 4); y \leq -x + 4$
 $y \geq 5x - 3$

In Exercises 5–8, graph the system of linear inequalities.

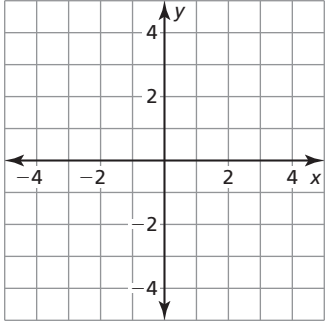
5. $y > -2$
 $y \leq 3x$

6. $y < 3$
 $x < 2$

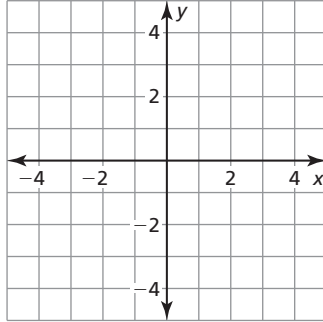


5.7 Notetaking with Vocabulary (continued)

7. $y \geq x - 2$
 $y < -x + 2$



8. $2x + 3y < 6$
 $y - 1 \geq -2x$



In Exercises 9–12, write a system of linear inequalities represented by the graph.

