

# Extra Practice

## Lesson 7-5

(pages 394–398)

Solve each system of inequalities by graphing. 1–15. See margin.

- $x > 3$   
 $y < 6$
- $y > 2$   
 $y > -x + 2$
- $x \leq 2$   
 $y + 3 \geq 5$
- $x + y \leq -1$   
 $2x + y \leq 2$
- $y \geq 2x + 2$   
 $y \geq -x - 1$
- $y \leq x + 3$   
 $y \geq x + 2$
- $x + 3y \geq 4$   
 $2x - y < 5$
- $y - x > 1$   
 $y + 2x \leq 10$
- $5x - 2y > 15$   
 $2x - 3y < 6$
- $4x + 3y > 4$   
 $2x - y < 0$
- $4x + 5y \geq 20$   
 $y \geq x + 1$
- $-4x + 10y \leq 5$   
 $-2x + 5y < -1$
- $y - x \geq 0$   
 $y \leq 3$   
 $x \geq 0$
- $y > 2x$   
 $x > -3$   
 $y < 4$
- $y \leq x$   
 $x + y < 4$   
 $y \geq -3$



