

Homework

p.171: 3, 14-15, 21

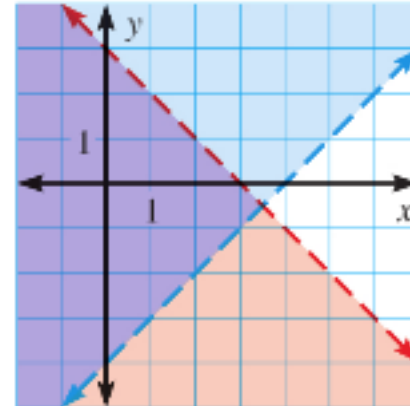
3. ★ **MULTIPLE CHOICE** Which system of inequalities is represented by the graph?

Ⓐ $x + y > 3$
 $-x + y < -4$

Ⓑ $-x + y \geq -4$
 $x + y \leq 3$

Ⓒ $-2x + y > -4$
 $2x + y < 3$

Ⓓ $-x + y > -4$
 $x + y < 3$



SYSTEMS OF TWO INEQUALITIES Graph the system of inequalities.

14. $3x - y > 12$
 $-x + 8y > -4$

15. $x - 4y \leq -10$
 $y \leq 3|x - 1|$

SYSTEMS OF THREE OR MORE INEQUALITIES Graph the system of inequalities.

21. $x \geq 2$
 $-3x + y < -1$
 $4x + 3y < 12$