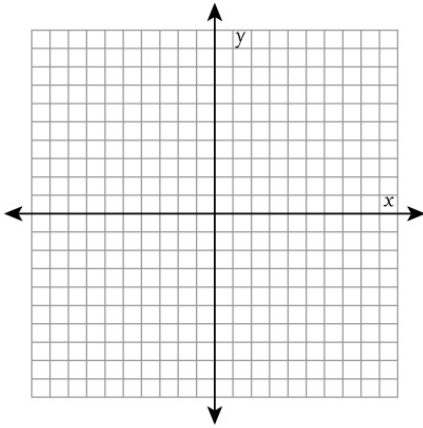


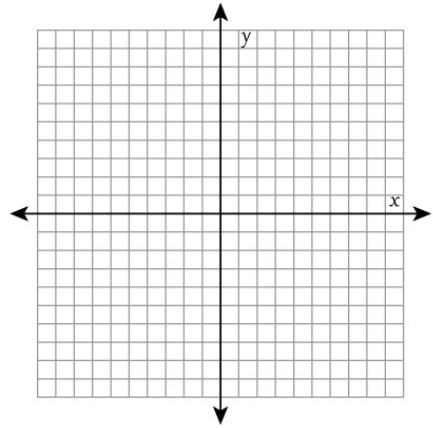
Solving Systems of Inequalities

Solve each system of inequalities by graphing.

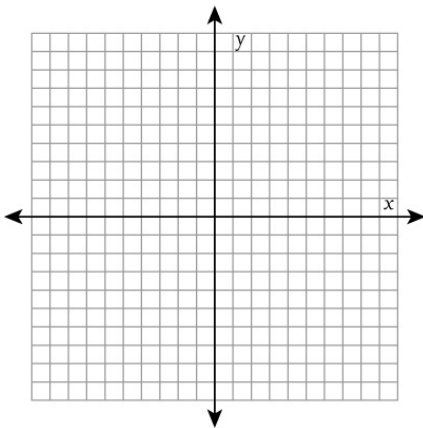
1 $y - x \leq 4$
 $-2x + y \geq 4$



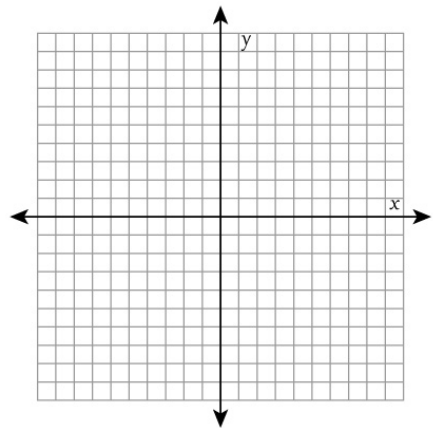
2 $y \leq x + 4$
 $y \leq -x + 4$
 $y \geq -2$



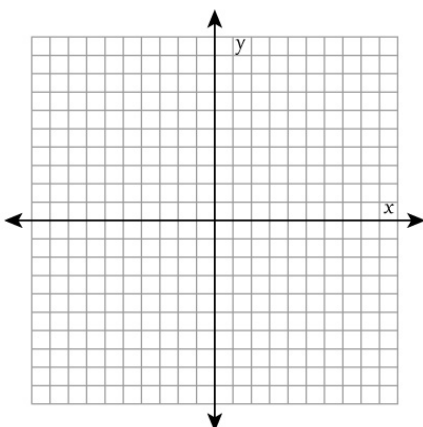
3 $x \leq 10$
 $x \geq -2$
 $3x + 2y < 6$
 $6x + 4y > -12$



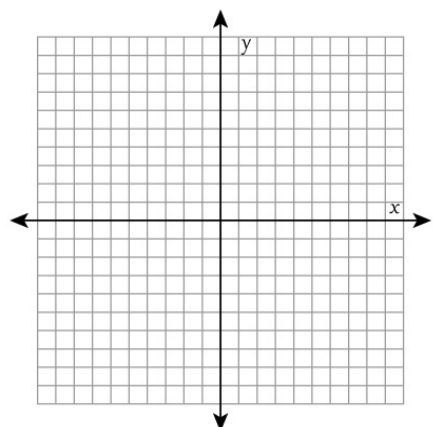
4 $y \geq x$
 $x + 3y < 5$
 $2x + y \geq -3$



5 $x + y \leq 3$
 $y - x \leq 3$
 $y \geq -1$



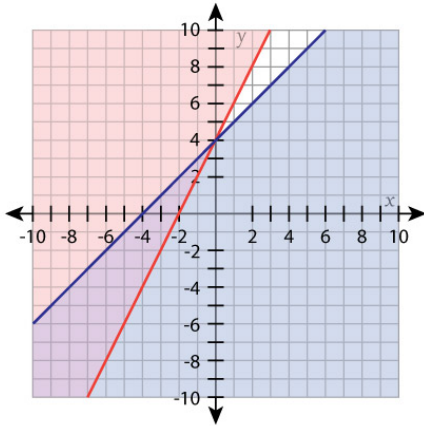
6 $x \geq -3$
 $y + x \leq 8$
 $y - x \geq -2$



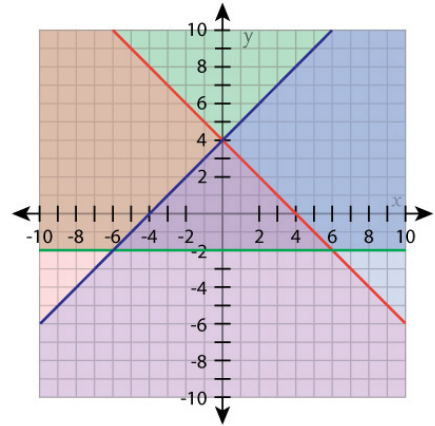
Solving Systems of Inequalities

Answers

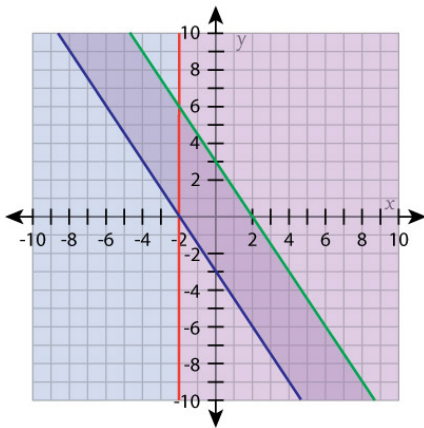
1 $y - x \leq 4$
 $-2x + y \geq 4$



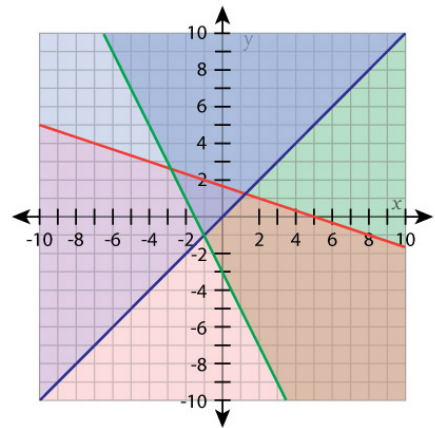
2 $y \leq x + 4$
 $y \leq -x + 4$
 $y \geq -2$



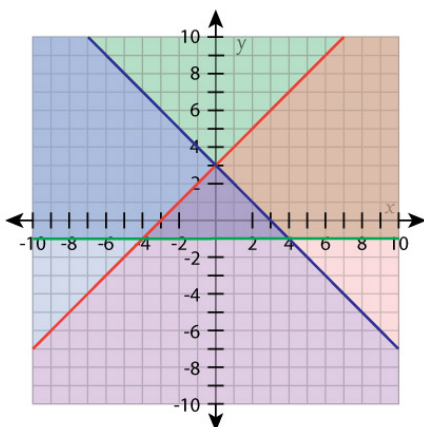
3 $x \leq 10$
 $x \geq -2$
 $3x + 2y < 6$
 $6x + 4y > -12$



4 $y \geq x$
 $x + 3y < 5$
 $2x + y \geq -3$



5 $x + y \leq 3$
 $y - x \leq 3$
 $y \geq -1$



6 $x \geq -3$
 $y + x \leq 8$
 $y - x \geq -2$

