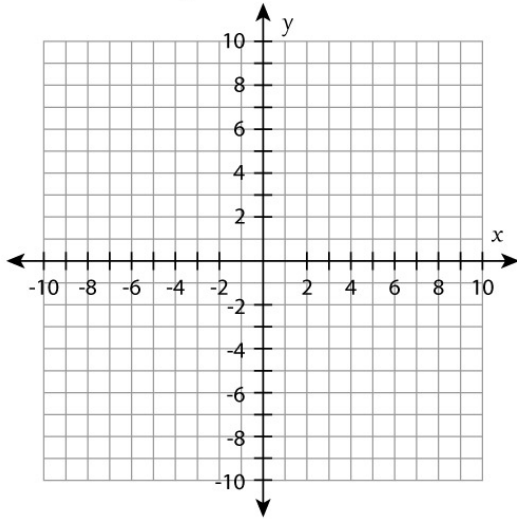


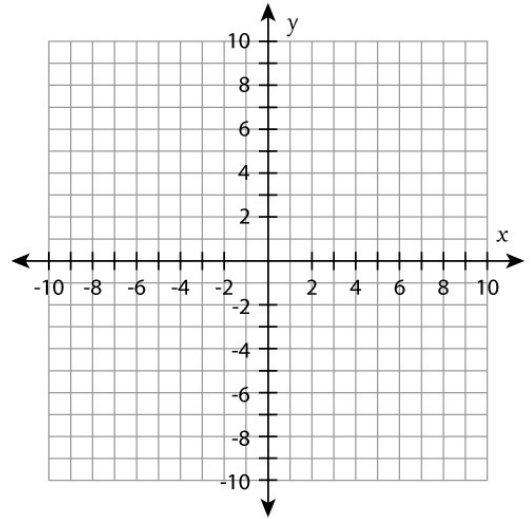
System of Inequalities

Sketch the solution for each system of inequalities.

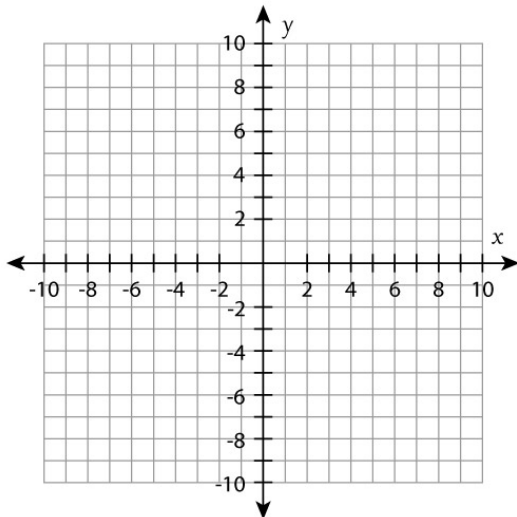
1 $y > -2$
 $4x + y < 2$



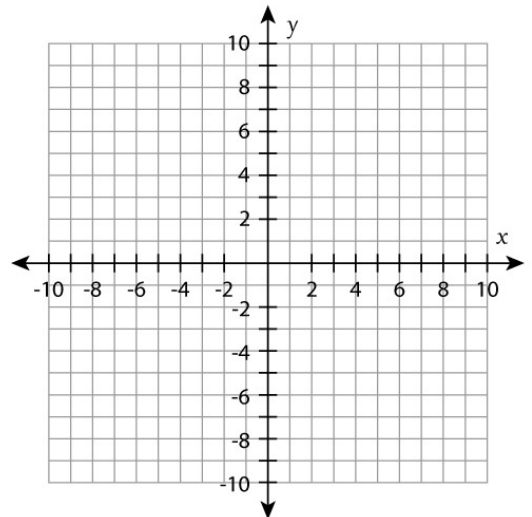
2 $x + y \geq 2$
 $4x + y \geq -1$



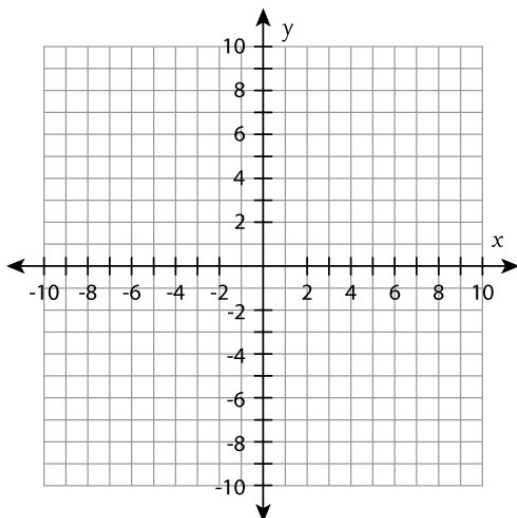
3 $4x + y < 2$
 $y > -2$



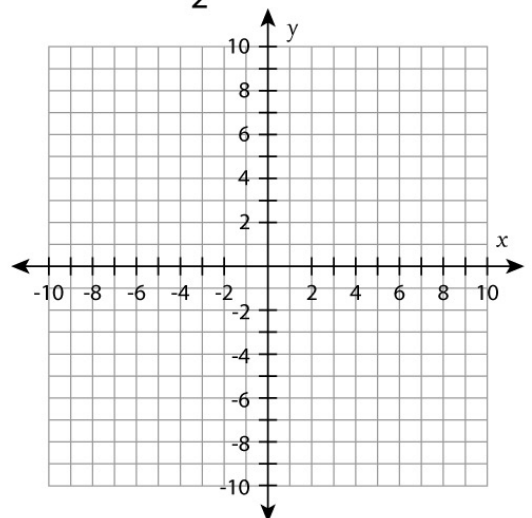
4 $y < -2$
 $x + y \geq 1$



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



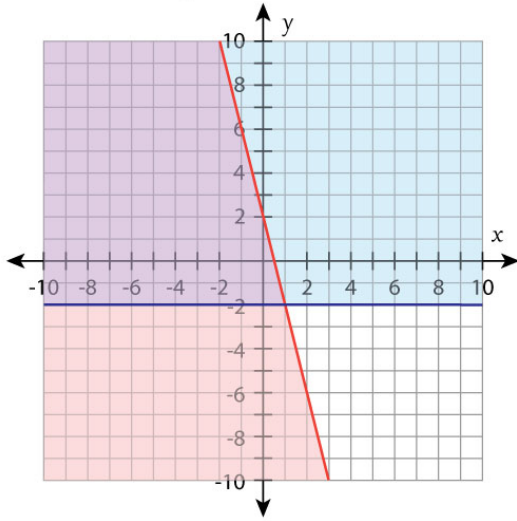
6 $y \leq -\frac{5}{2}x - 2$
 $y < -\frac{1}{2}x + 2$



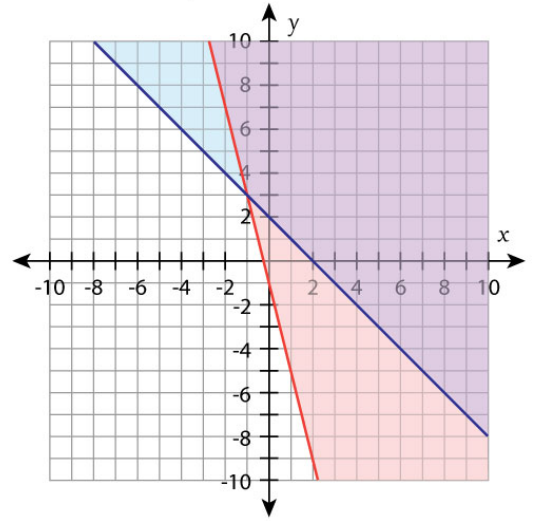
System of Inequalities

Answers

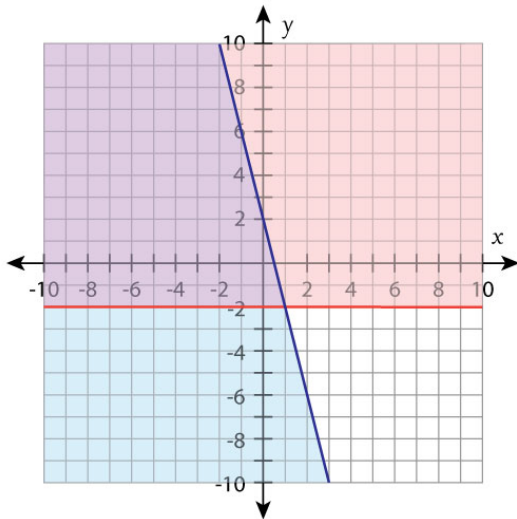
1 $y > -2$
 $4x + y < 2$



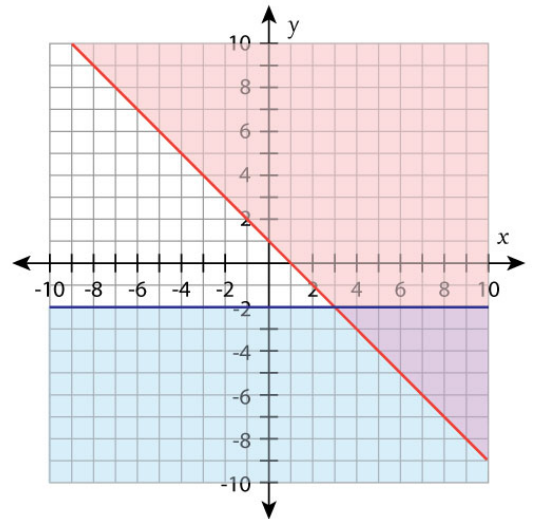
2 $x + y \geq 2$
 $4x + y \geq -1$



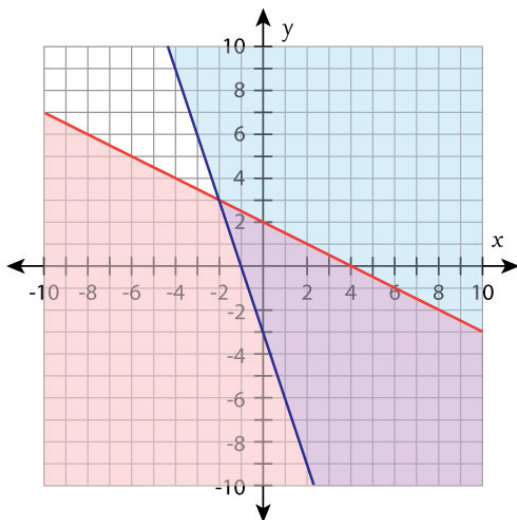
3 $4x + y < 2$
 $y > -2$



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



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



6 $y \leq -\frac{5}{2}x - 2$
 $y < -\frac{1}{2}x + 2$

