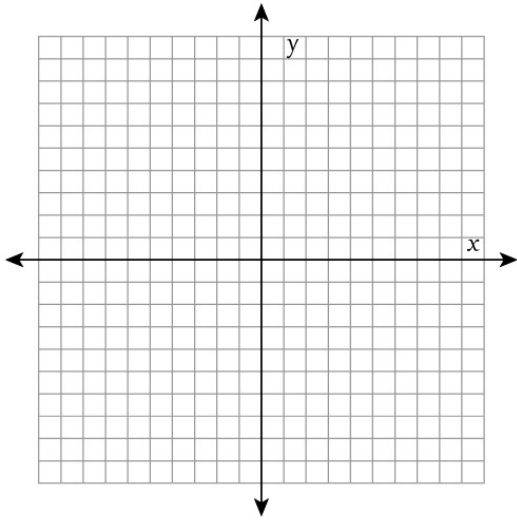


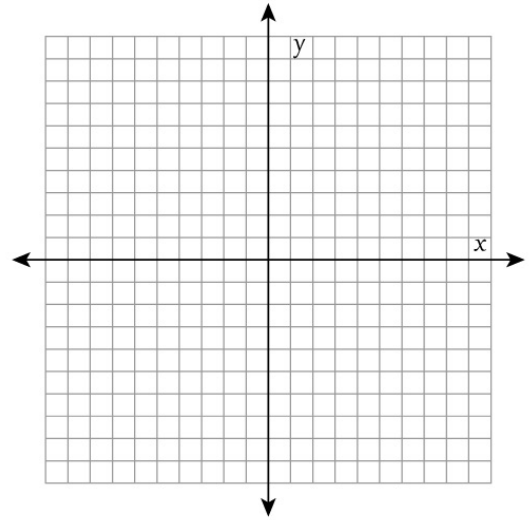
Graphing Systems of Linear Inequalities

Solve the system of inequalities by graphing. Shade the solution area.

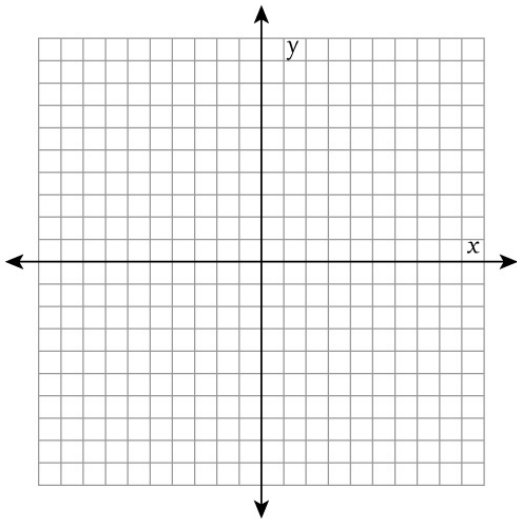
1 $y > -x - 4$; $8x - 4y > 1$; $x < 4$



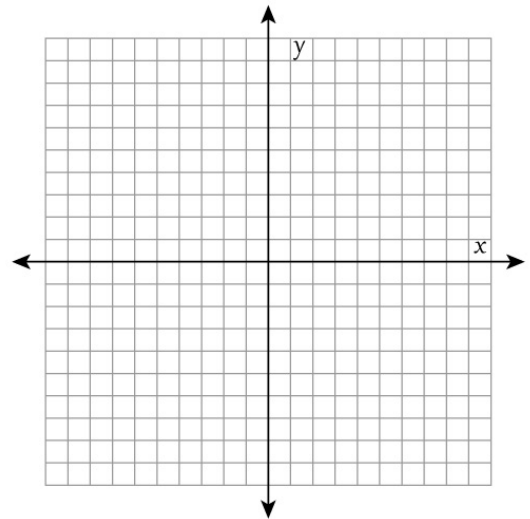
2 $y \leq 2x - 3$; $y \geq -3$; $y \leq -1.2x + 2.5$



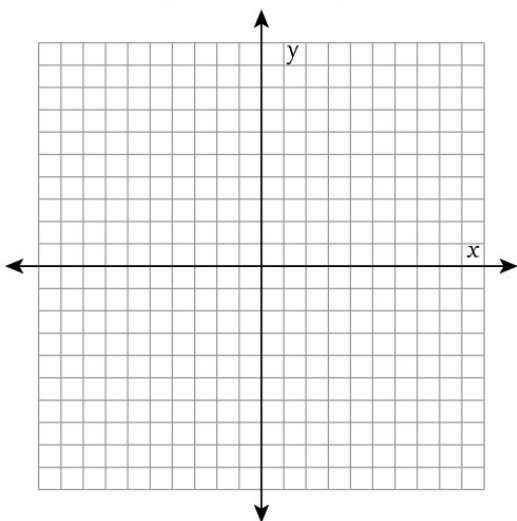
3 $y + 3 < 2x$; $x \leq 3$



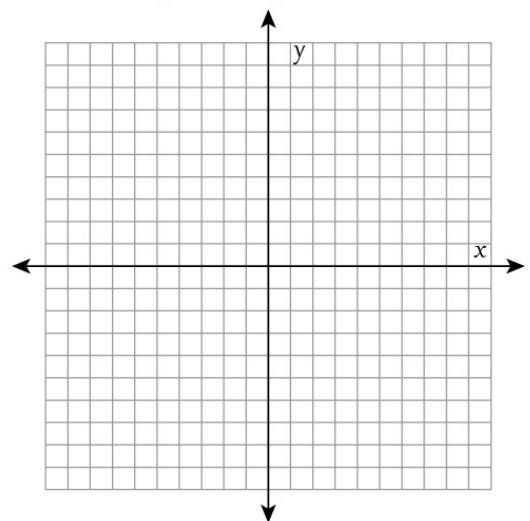
4 $y < 3$; $y > -x - 3$; $y \geq 3x - 4$



5 $x - 2y \geq 4$; $2x - y \geq -2$



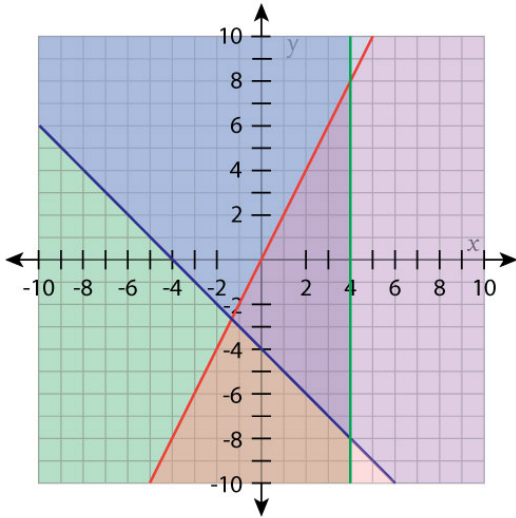
6 $x + y > 3$; $y \leq 2x - 3$



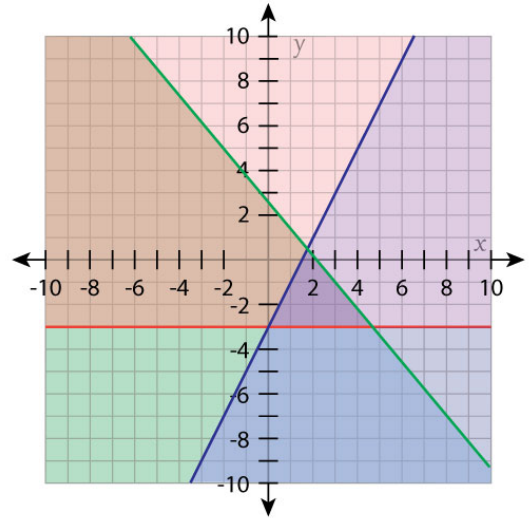
Graphing Systems of Linear Inequalities

Answers

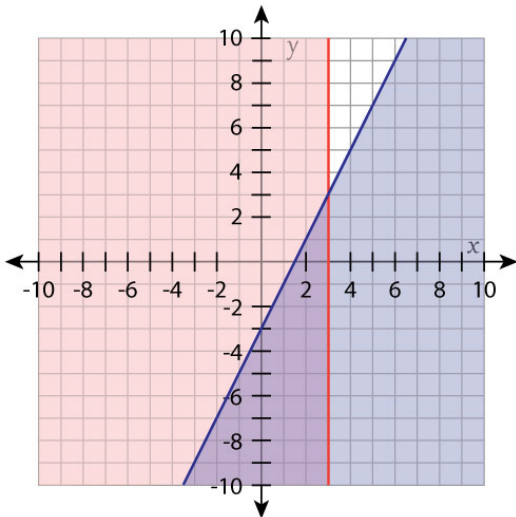
1 $y > -x - 4$; $8x - 4y > 1$; $x < 4$



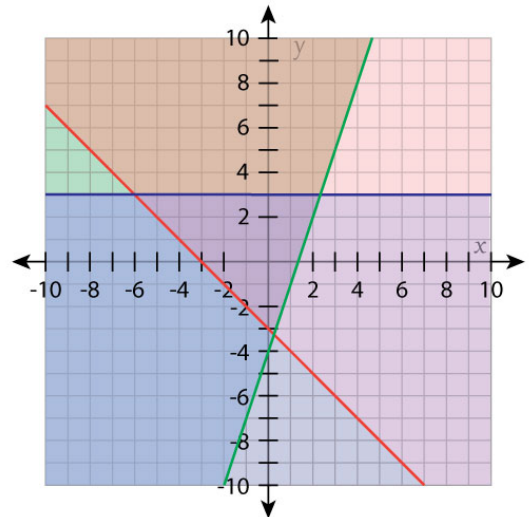
2 $y \leq 2x - 3$; $y \geq -3$; $y \leq -1.2x + 2.5$



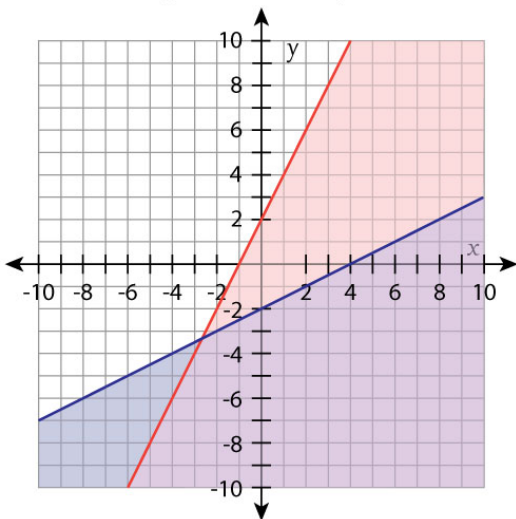
3 $y + 3 < 2x$; $x \leq 3$



4 $y < 3$; $y > -x - 3$; $y \geq 3x - 4$



5 $x - 2y \geq 4$; $2x - y \geq -2$



6 $x + y > 3$; $y \leq 2x - 3$

