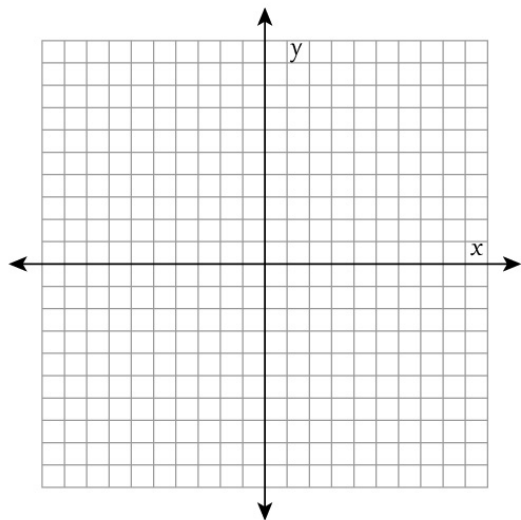


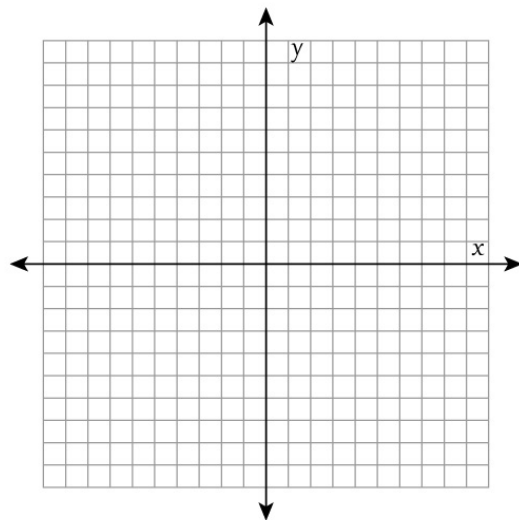
Graphing Linear Systems of Inequalities

Solve each system of inequalities by graphing.

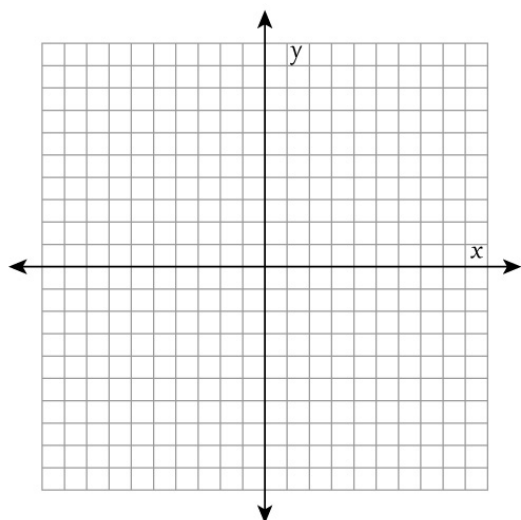
1 $y - x \leq 4$; $-2x + y \geq 4$



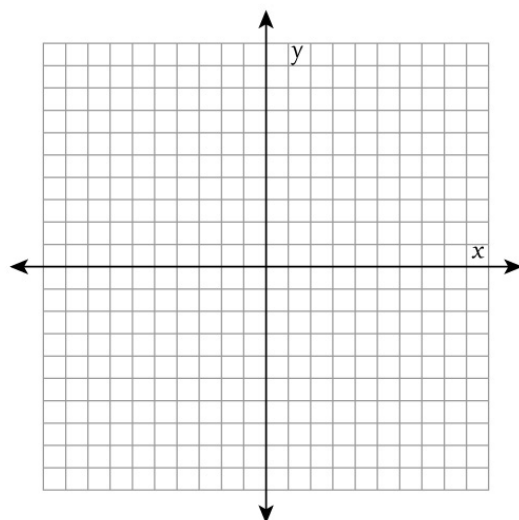
2 $y < 2x + 1$; $y > 2x - 1$; $y < -2x + 1$; $y > -2x - 1$



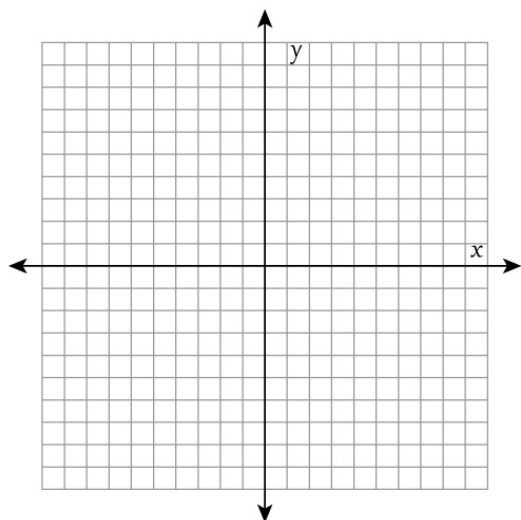
3 $y \geq x$; $x + 3y < 5$; $2x + y \geq -3$



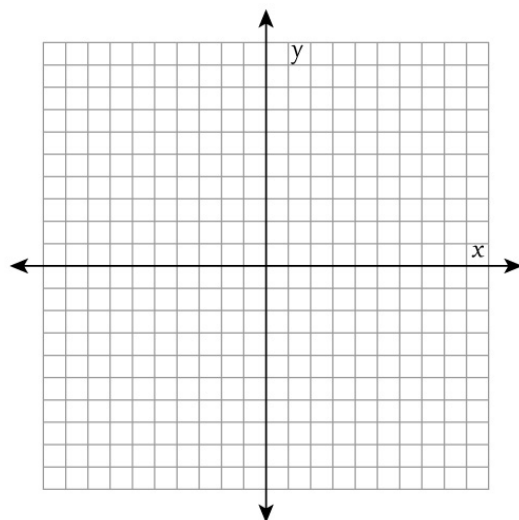
4 $y > |x| - 4$; $3y < -2x + 9$



5 $y \leq -\frac{3}{5}x + 1$; $y \geq -x$



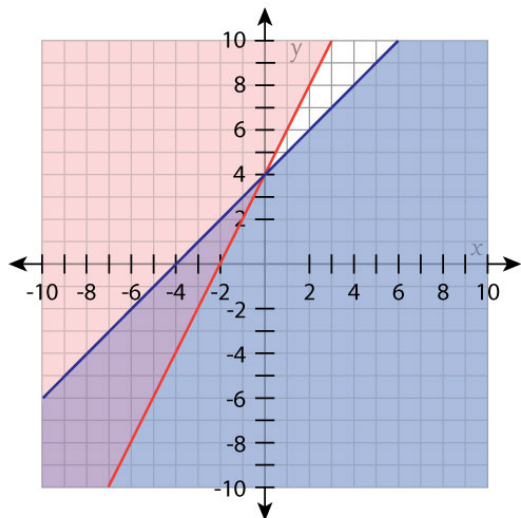
6 $y \geq \frac{1}{3}x - 1$; $y \leq \frac{4}{3}x + 2$



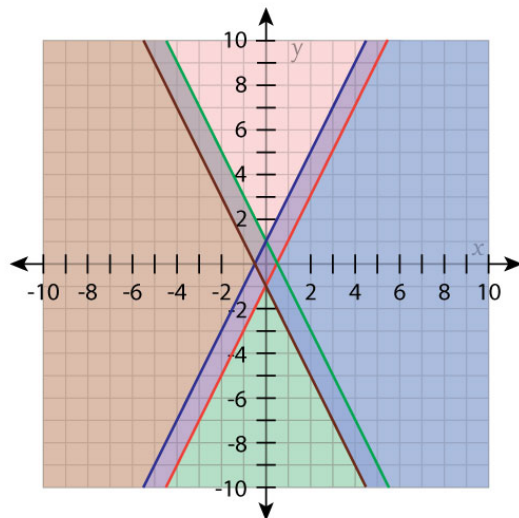
Graphing Linear Systems of Inequalities

Answers

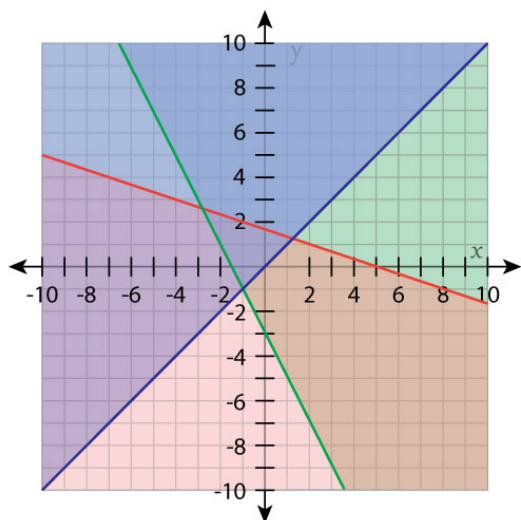
① $y - x \leq 4$; $-2x + y \geq 4$



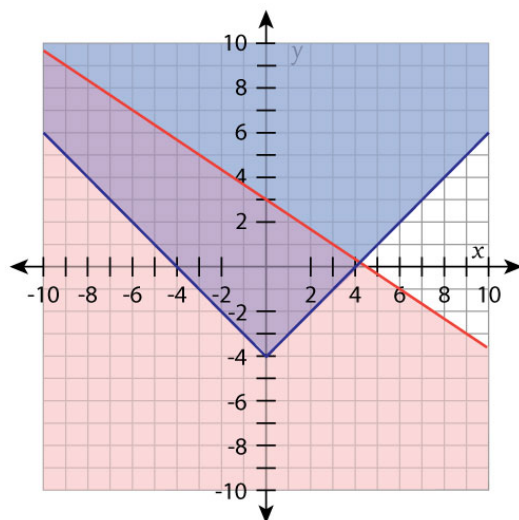
② $y < 2x + 1$; $y > 2x - 1$; $y < -2x + 1$; $y > -2x - 1$



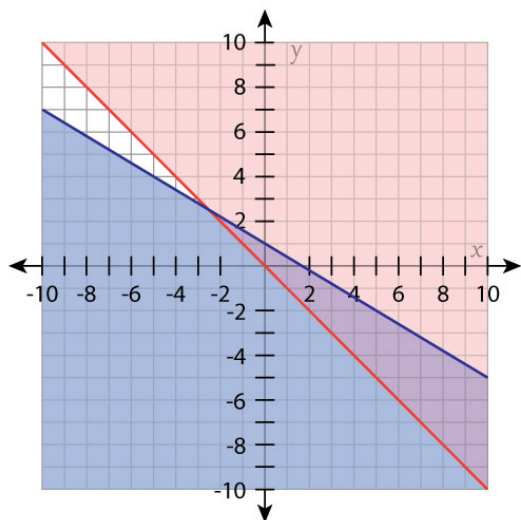
③ $y \geq x$; $x + 3y < 5$; $2x + y \geq -3$



④ $y > |x| - 4$; $3y < -2x + 9$



⑤ $y \leq -\frac{3}{5}x + 1$; $y \geq -x$



⑥ $y \geq \frac{1}{3}x - 1$; $y \leq \frac{4}{3}x + 2$

