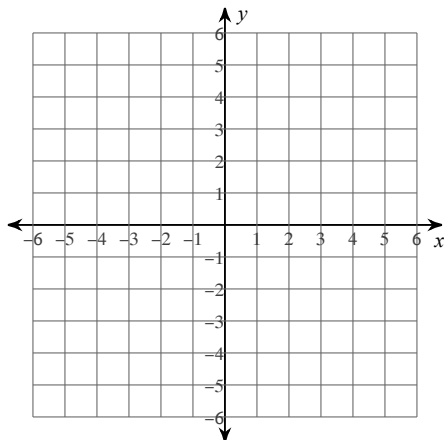


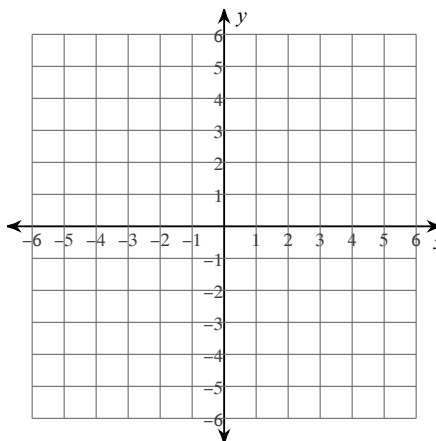
Graphing Linear Equations and Inequalities + Solving Systems

Sketch the graph of each line.

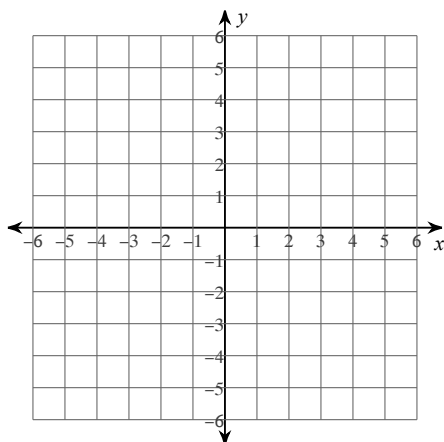
1) $y = \frac{2}{3}x - 2$



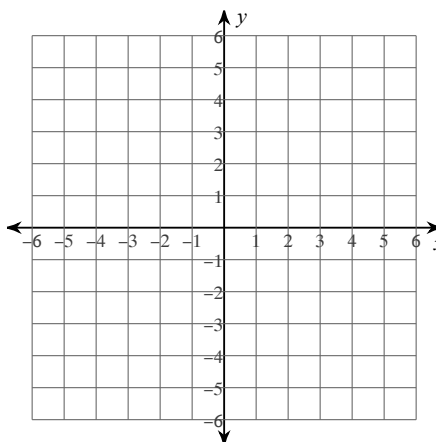
2) $y = 2x - 1$



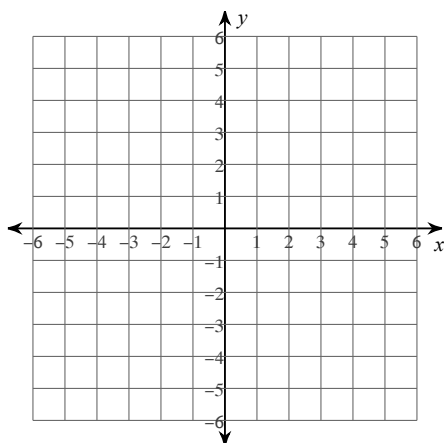
3) $x = -5$



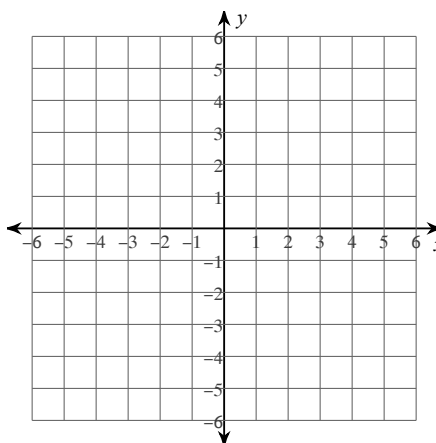
4) $y = -x + 3$



5) $3x - 2y = -4$

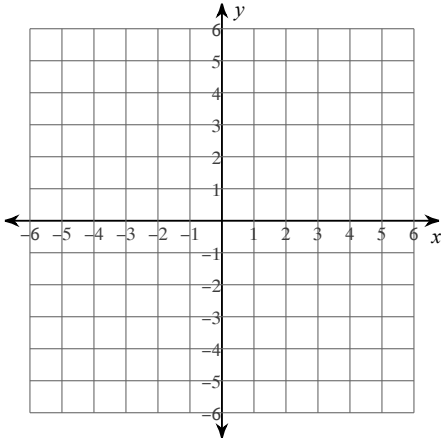


6) $2x + y = 1$

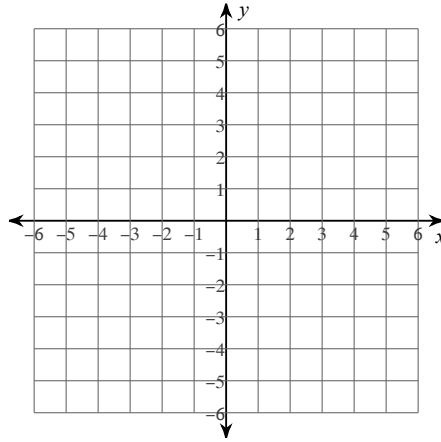


Sketch the graph of each linear inequality.

7) $2x + 5y < -10$

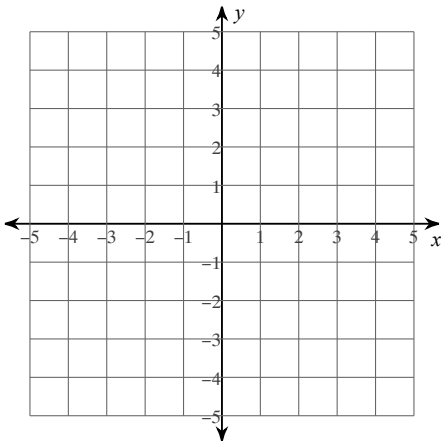


8) $x + y \geq -3$

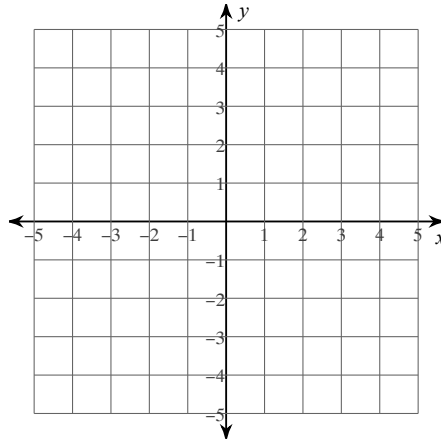


Solve each system by graphing.

9) $y = -\frac{1}{2}x + 3$
 $y = -4x - 4$



10) $y = -x + 3$
 $y = 4$



Solve each system by your method of choice.

11) $3x + y = 9$
 $-3x - 2y = -12$

12) $3x - y = 9$
 $-x + 6y = 14$

13) $5x + 6y = -9$
 $2x - 2y = 14$

14) $-12x - 6y = 12$
 $-6x + y = -2$