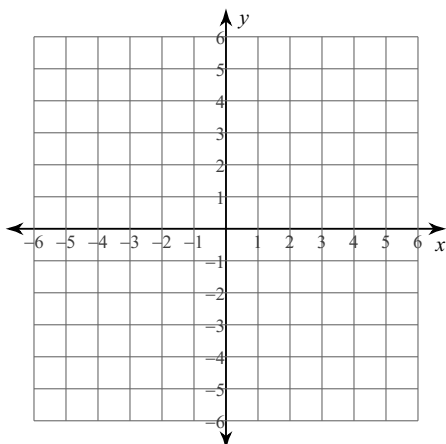


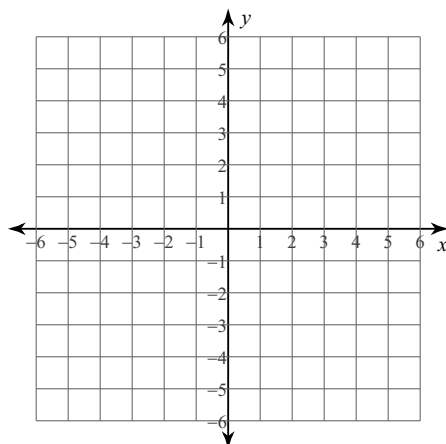
Homework 9.1

Sketch the graph of each line.

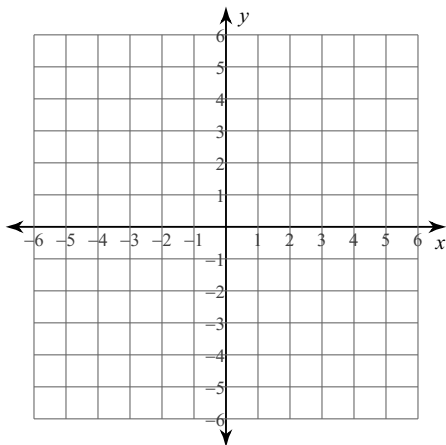
1) $y = \frac{3}{2}x$



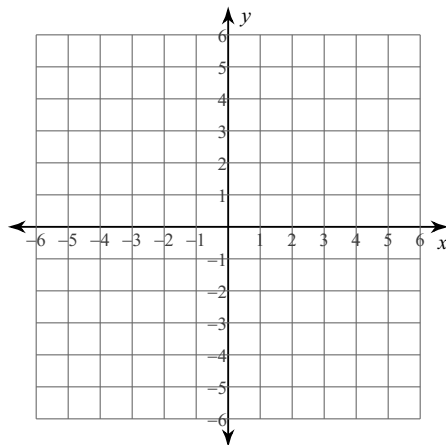
2) $y = \frac{7}{3}x - 2$



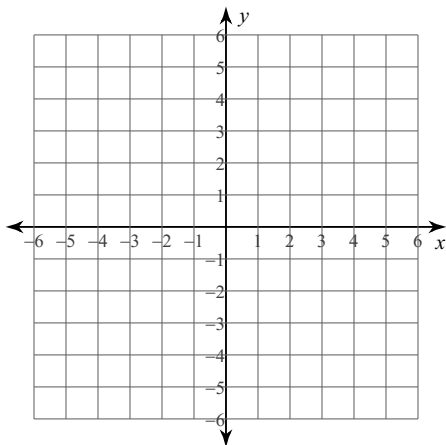
3) $y = -6x - 1$



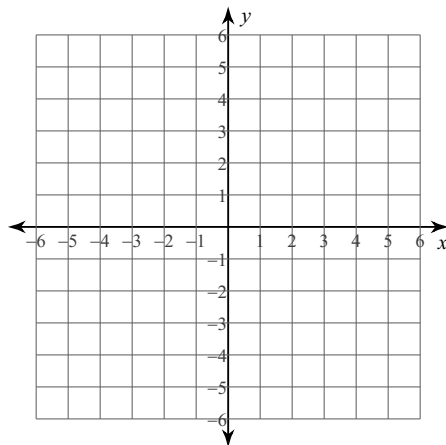
4) $x - 2y = -4$



5) $x = 2$



6) $5x - 2y = 10$



Solve each inequality.

7) $30 - 3v > -3(7v + 8)$

8) $-39 + 2a \geq -3(a + 8)$

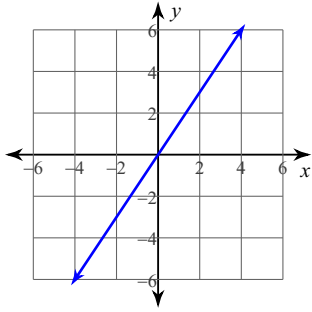
Solve each compound inequality.

9) $36 < 9 - 9x \leq 45$

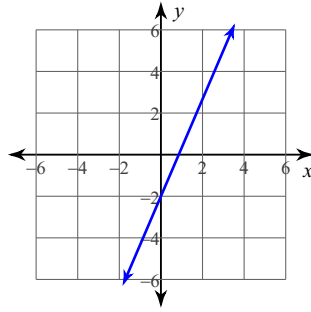
10) $7 < 4 - 3n \leq 25$

Answers to Homework 9.1

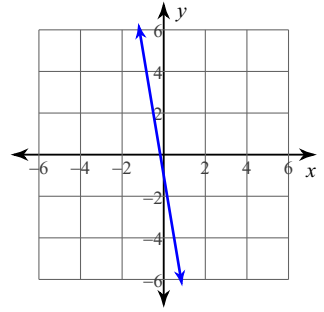
1)



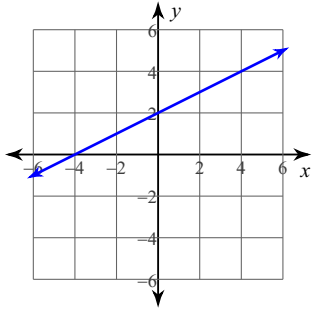
2)



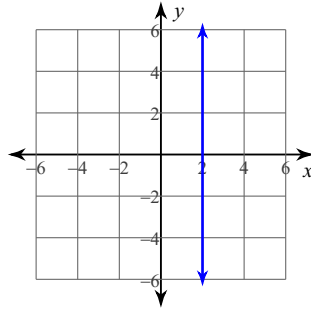
3)



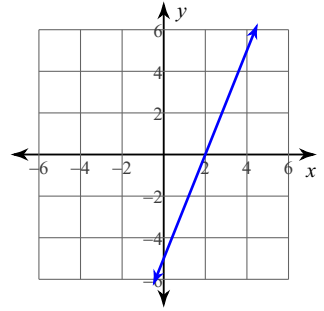
4)



5)



6)



7) $v > -3$

8) $a \geq 3$

9) $-4 \leq x < -3$

10) $-7 \leq n < -1$