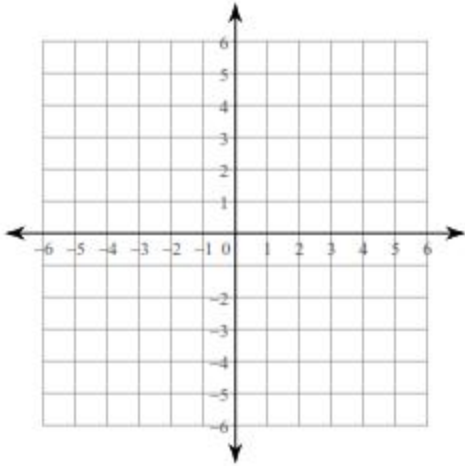


## 5.6 Graphing Inequalities WS

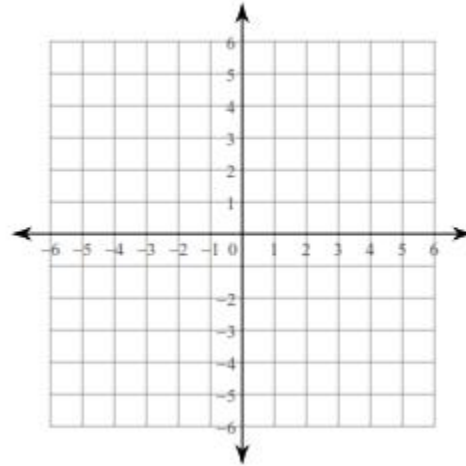
Name \_\_\_\_\_

Graph each inequality.

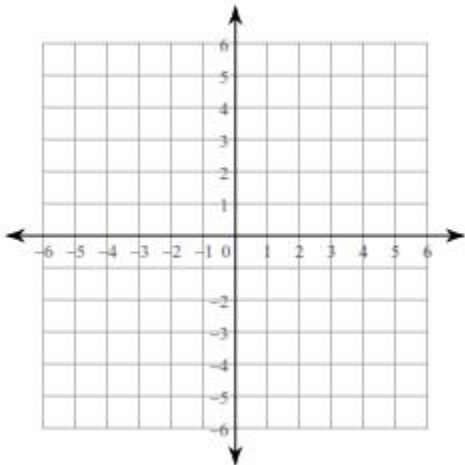
1)  $y > -2x$



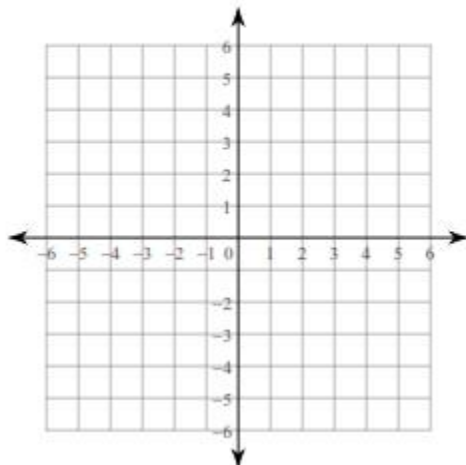
2)  $y \geq -9x + 4$



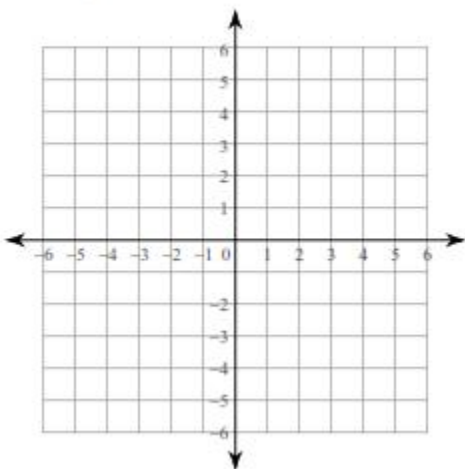
3)  $y \geq \frac{3}{4}x + 2$



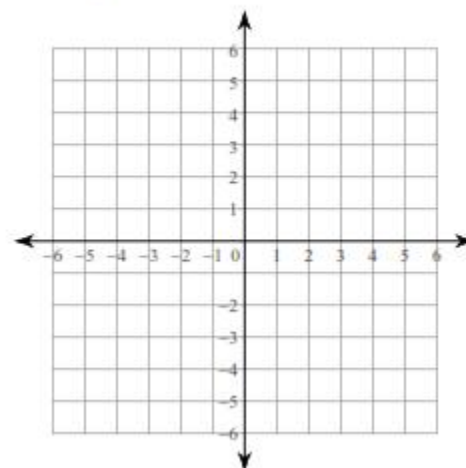
4)  $y \geq -\frac{1}{4}x - 3$



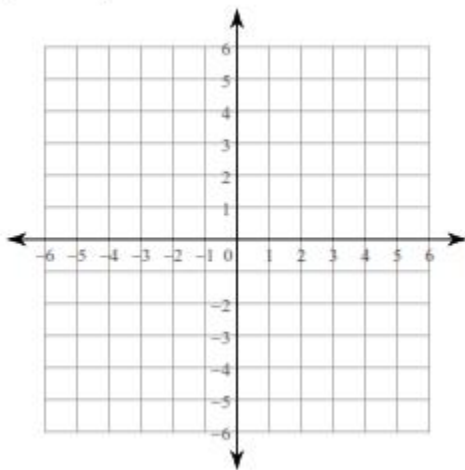
5)  $y > \frac{7}{5}x - 2$



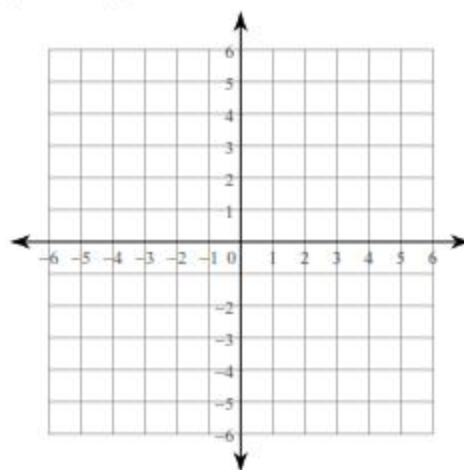
6)  $y > \frac{2}{5}x - 4$



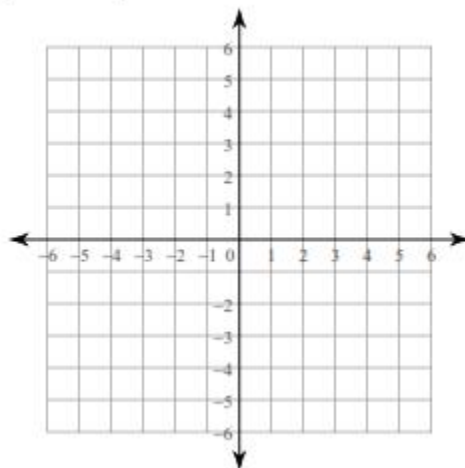
7)  $3x + y \geq -3$



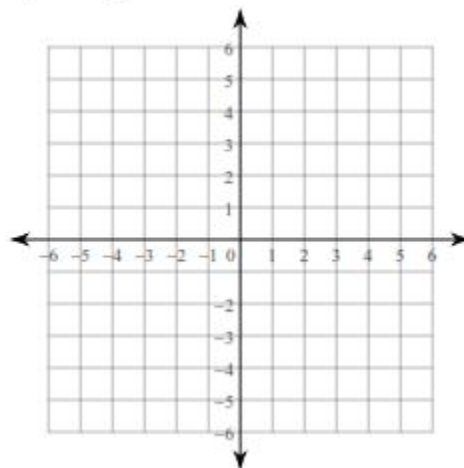
8)  $3x - 5y \leq 5$



9)  $4x + 3y < 12$



10)  $2x - y < -1$



Solve each inequality. Then graph the solution.

11)  $2 - 7(6p - 7) < 51$     12)  $-2 < -5(-n - 6) - n$     13)  $-11 - x > -6$  or  $8x + 11 > 75$     14)  $|6 + 7x| < 57$

15)  $-109 \leq -11k + 12 < 67$     16)  $|4a - 2| \leq -10$     17)  $-60 \leq -12 - 8n \leq 76$     18)  $-2(7 - 3b) \leq -62$