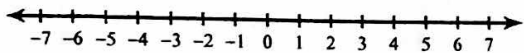


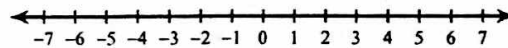
Inequality Test Review

Draw a graph for each inequality.

1) $x \geq -2$

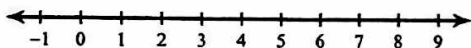


2) $-6 \leq x$

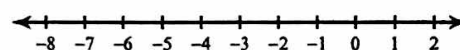


Solve each inequality and graph its solution.

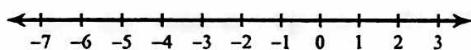
3) $4 \leq 4k$



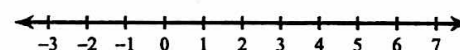
4) $-6(1 + 8b) < 234$



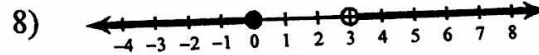
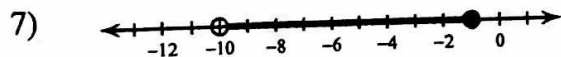
5) $-8k + 11 \geq -4(1 + 3k) + 7$



6) $5(1 - 3p) > 24 + 4p$

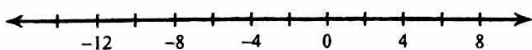


Write the compound inequality given the graph.

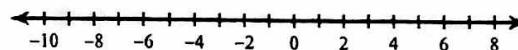


Solve each compound inequality and graph its solution.

9) $8x < -80$ or $7x > 35$

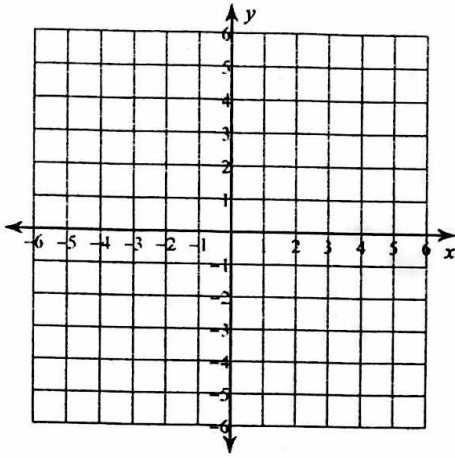


10) $-17 < x - 9 \leq -3$

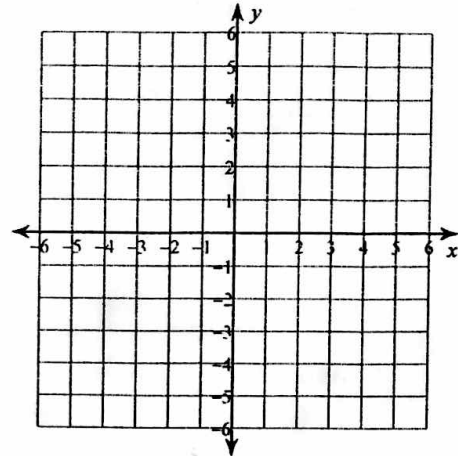


Sketch the graph of each linear inequality.

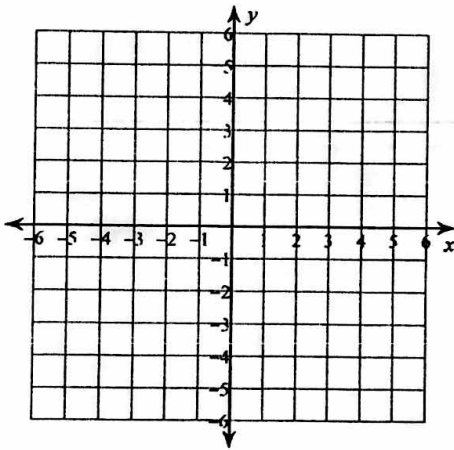
11) $y < -\frac{1}{4}x + 1$



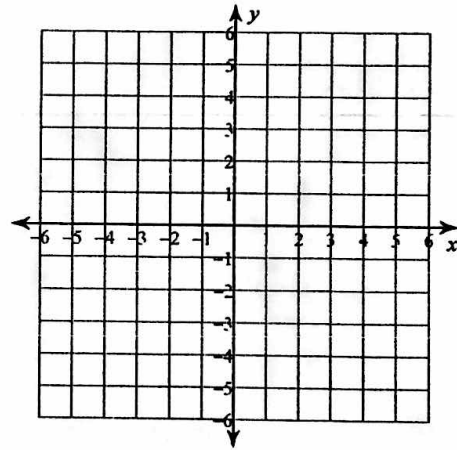
12) $y \geq 4x - 1$



13) $3x - y \geq 4$

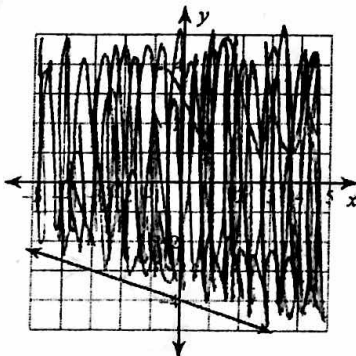


14) $7x + 5y < -15$

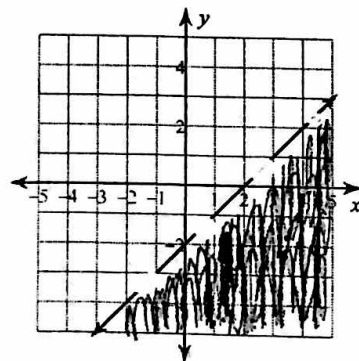


Write the slope-intercept form of the inequality of each line.

15)



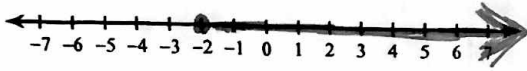
16)



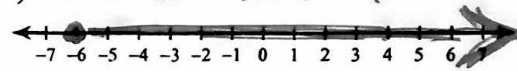
Inequality Test Review

Draw a graph for each inequality.

1) $x \geq -2$

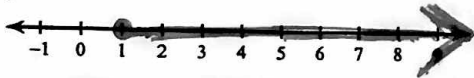


2) $-6 \leq x$ or $x \geq -6$



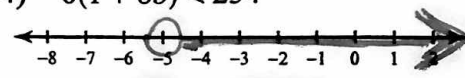
Solve each inequality and graph its solution.

3) $4 \leq 4k$



$k \geq 1$

4) $-6(1 + 8b) < 234$



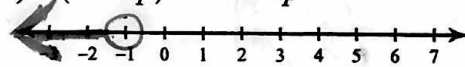
$b < -5$

5) $-8k + 11 \geq -4(1 + 3k) + 7$



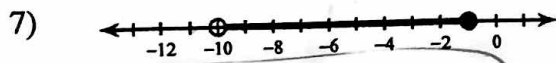
$k \geq -2$

6) $5(1 - 3p) > 24 + 4p$

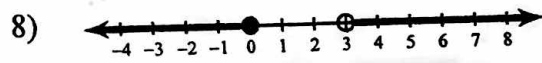


$p < -1$

Write the compound inequality given the graph.



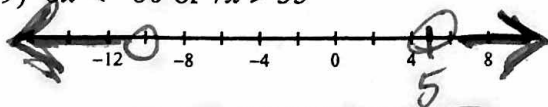
$-10 < x \leq -1$



$x \leq 0$ or $x \geq 3$

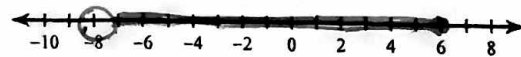
Solve each compound inequality and graph its solution.

9) $8x < -80$ or $7x > 35$



$x < -10$ or $x > 5$

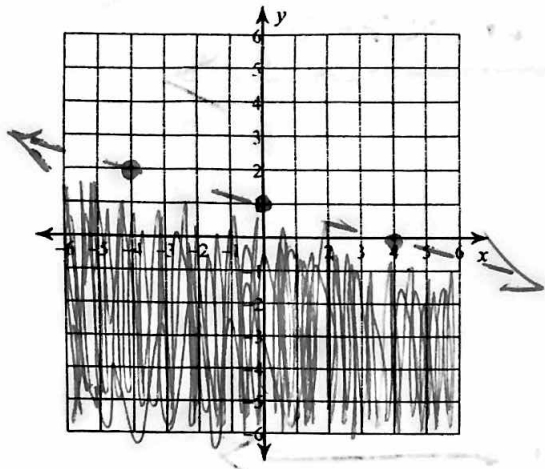
10) $-17 < x - 9 \leq -3$



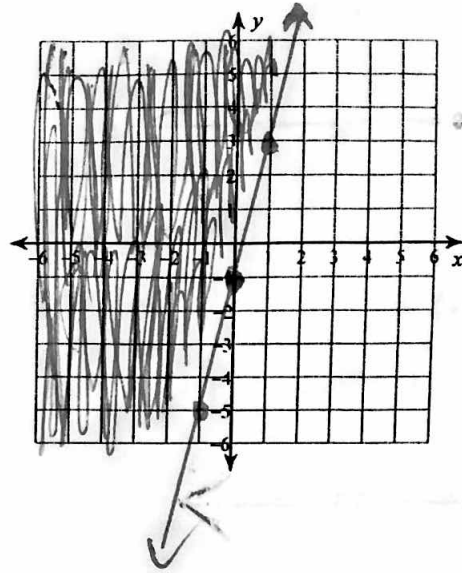
$-8 < x \leq 6$

Sketch the graph of each linear inequality.

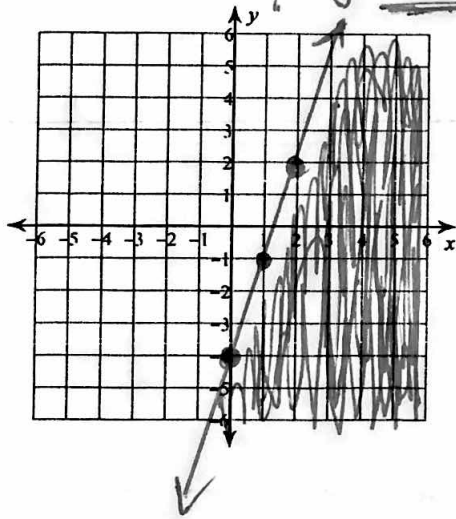
11) $y < -\frac{1}{4}x + 1$



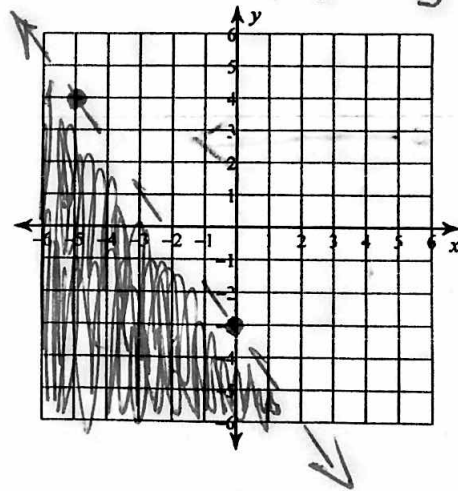
12) $y \geq 4x - 1$



13) $3x - y \geq 4$; $y \leq 3x - 4$

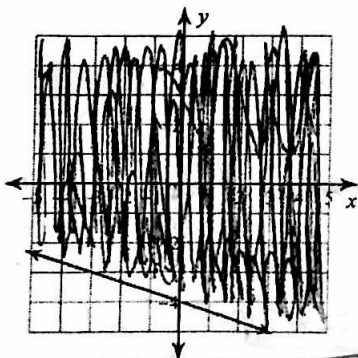


14) $7x + 5y < -15$; $y < -\frac{7}{5}x - 3$



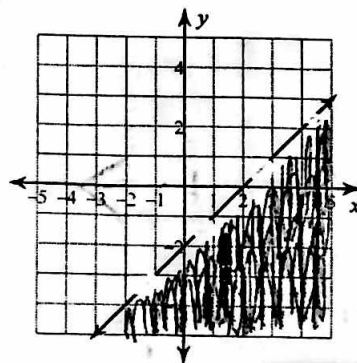
Write the slope-intercept form of the inequality of each line.

15)



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

16)



$y < x - 2$