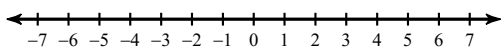


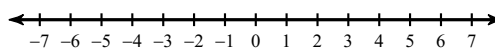
Module 1 Review Part 3

Draw a graph for each inequality.

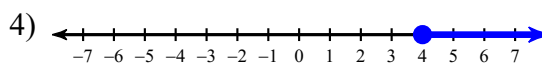
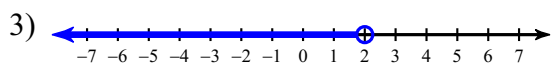
1)  $n \leq -6$



2)  $x > -5$

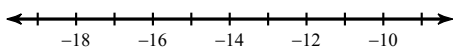


Write an inequality for each graph.

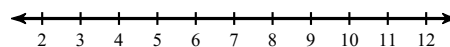


Solve each inequality and graph its solution.

5)  $9n - 7 < -151$

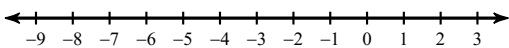


6)  $n + 5 \leq -7 + 3n$

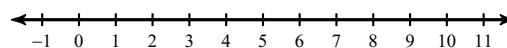


Solve each compound inequality and graph its solution.

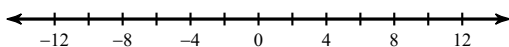
7)  $-9x \leq 63$  and  $-10 + x \leq -12$



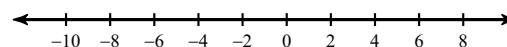
8)  $x - 2 < 7$  and  $7x \geq 7$



9)  $10n \leq -90$  or  $n - 3 \geq 7$

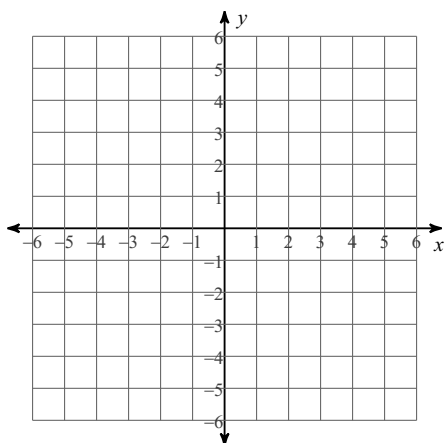


10)  $x + 2 > 6$  or  $x + 1 \leq -6$

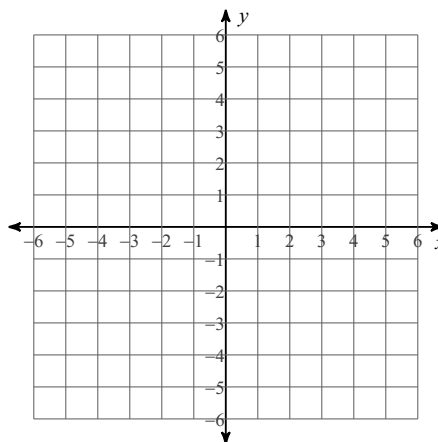


Sketch the graph of each linear inequality.

11)  $y > 2x + 3$

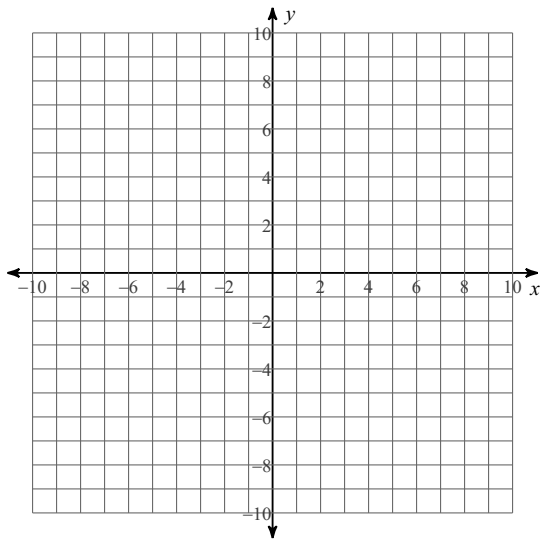


12)  $y \leq \frac{1}{4}x + 1$

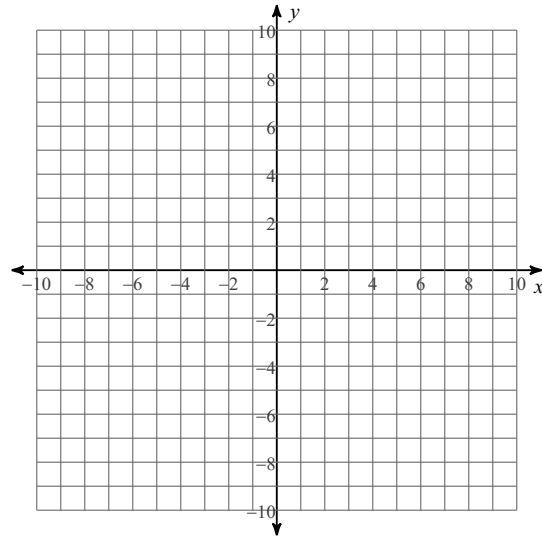


Sketch the solution to each system of inequalities.

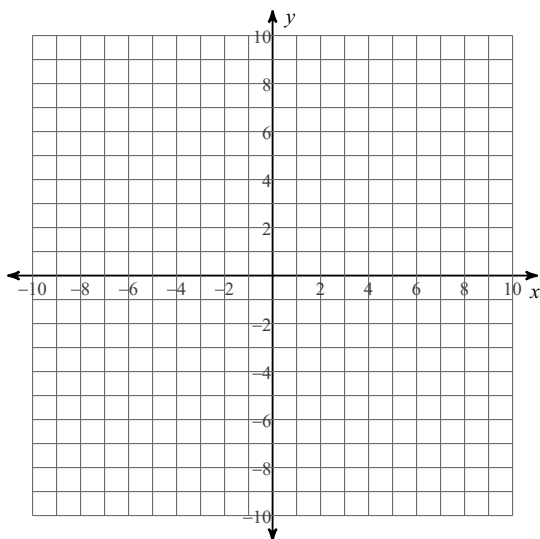
13)  $y > -x - 1$   
 $y > \frac{4}{3}x - 8$



14)  $y > -\frac{2}{3}x + 2$   
 $y > \frac{1}{2}x - 5$



15)  $y \leq 2x - 6$   
 $y > -\frac{7}{2}x + 5$



16)  $y \geq 2x + 6$   
 $y < -3x + 1$

