

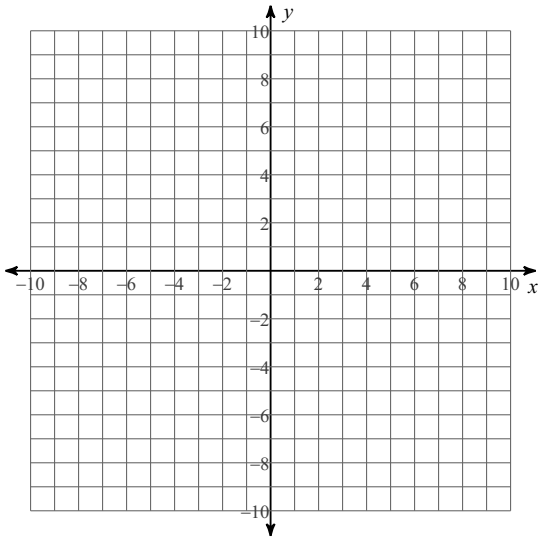
## Systems of Linear Inequalities Assignment

Date \_\_\_\_\_ Period \_\_\_\_\_

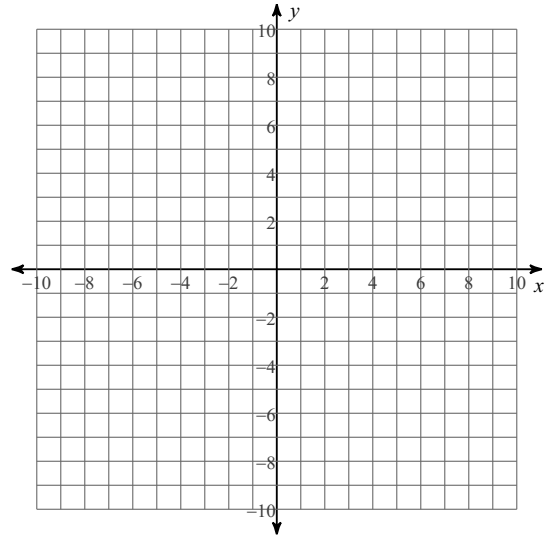
Sketch the solution to each system of inequalities.

1)  $y < -\frac{11}{6}x + 5$

$y < -\frac{1}{6}x - 5$

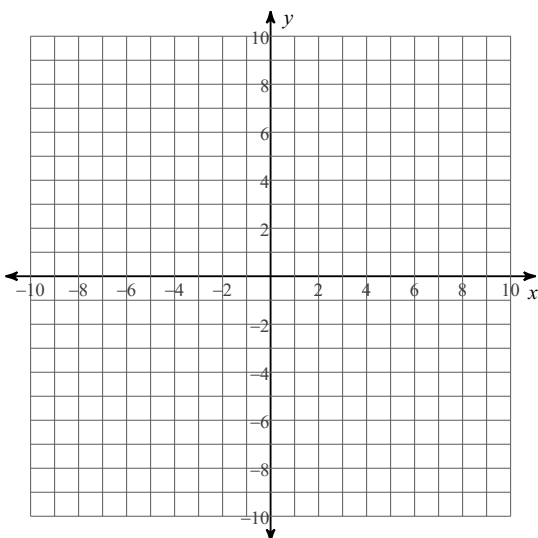


2)  $y > x + 1$   
 $y \leq 6x - 4$

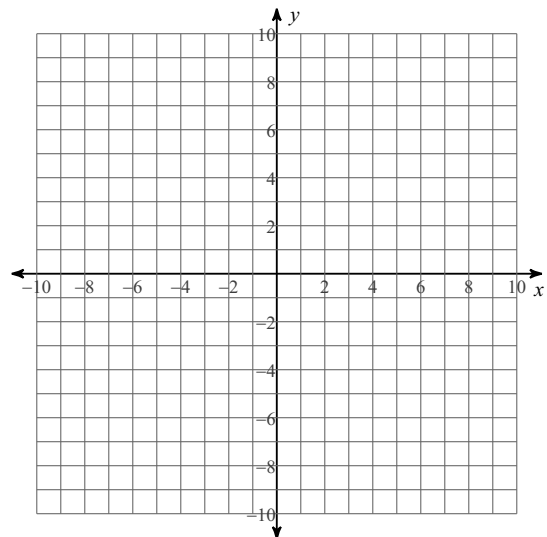


3)  $y \leq -\frac{1}{4}x + 7$

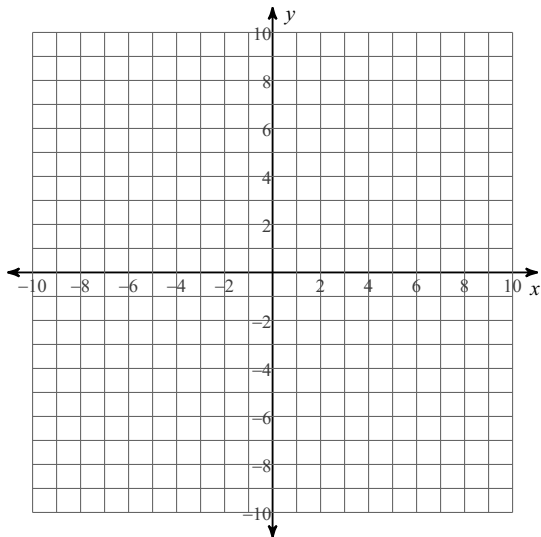
$y \leq -\frac{1}{4}x - 3$



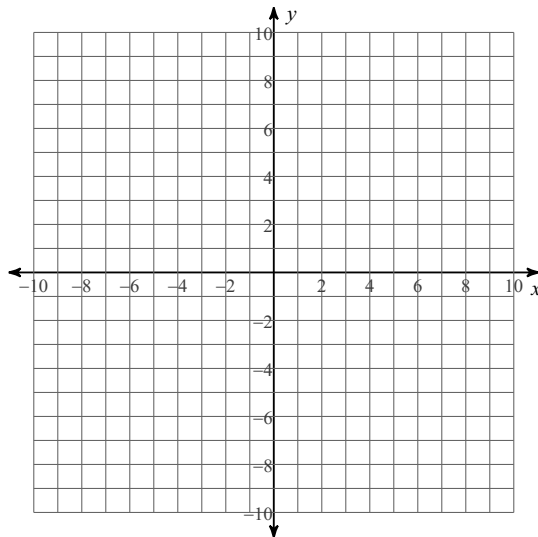
4)  $y \geq -7$   
 $y < x - 4$



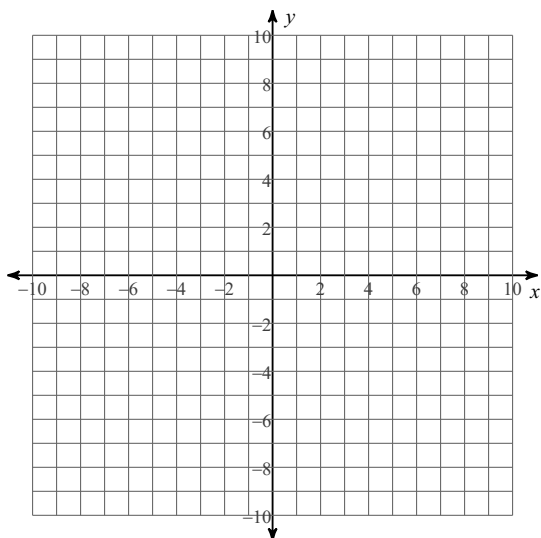
5)  $2x - 7y < 35$   
 $10x + 7y > 49$



6)  $7x - 2y \geq -14$   
 $x - 4y \geq 24$



7)  $3x - 2y \leq -14$   
 $y \geq 1$



8)  $2x - y < -1$   
 $x + 3y \geq 24$

