

Name \_\_\_\_\_

Period \_\_\_\_\_

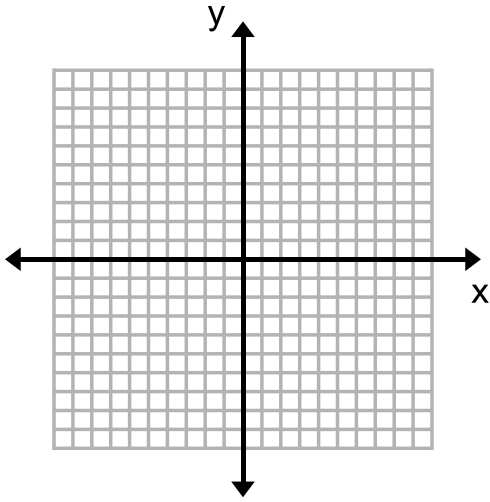
Score: \_\_\_\_\_

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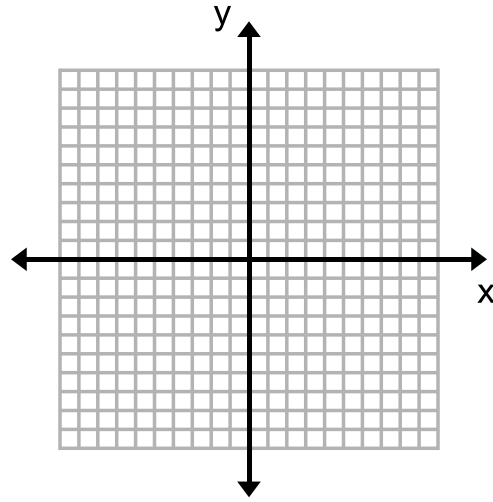
**HW 6-4 HONORS: Solving Systems of Inequalities**

Graph the following inequalities.

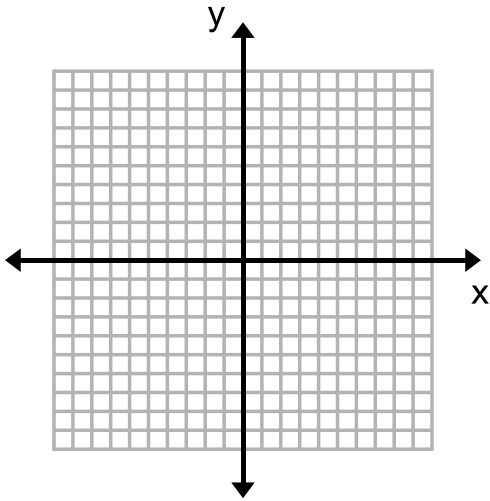
1.  $y < -4x - 8$



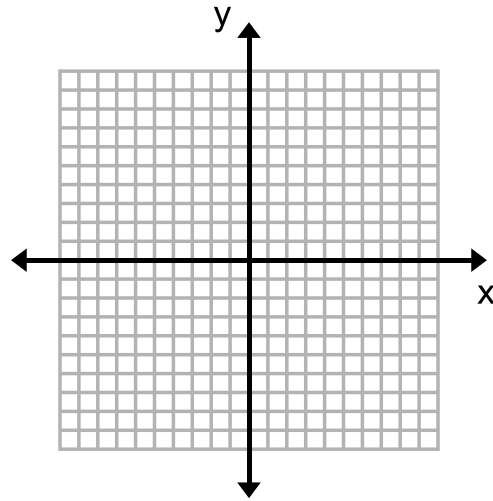
2.  $3x - 1 > y$



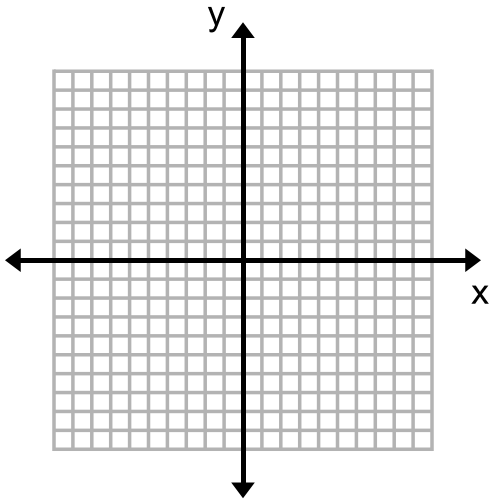
3.  $3x + 6y > 0$



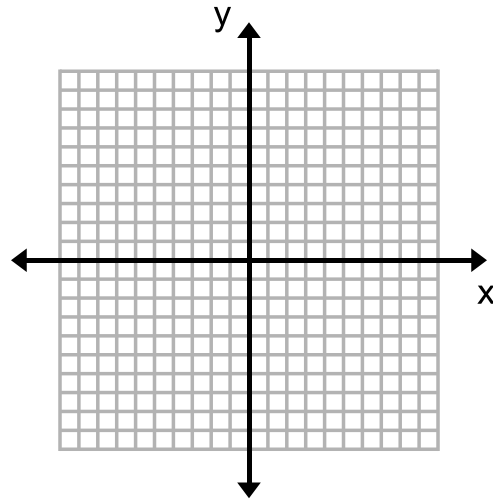
4.  $y \leq 3x - 2$



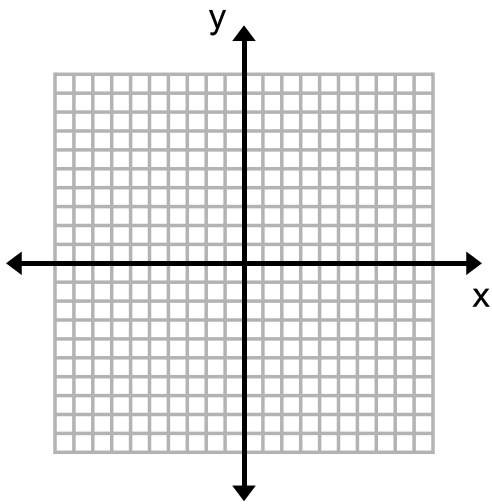
5.  $4y - 3x \geq 12$



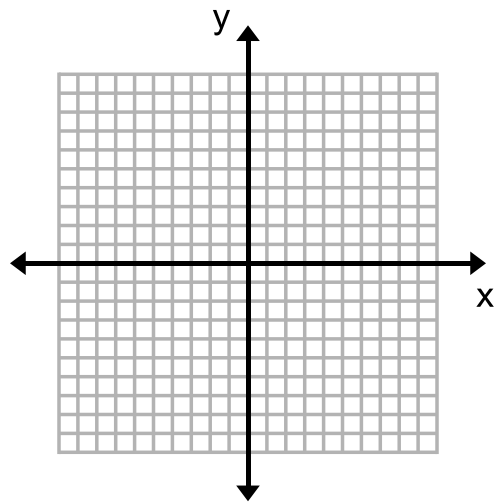
6.  $y > -4x$



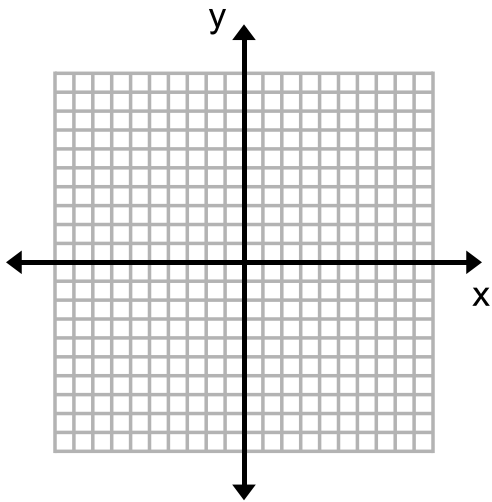
7.  $3y - x \leq 9$



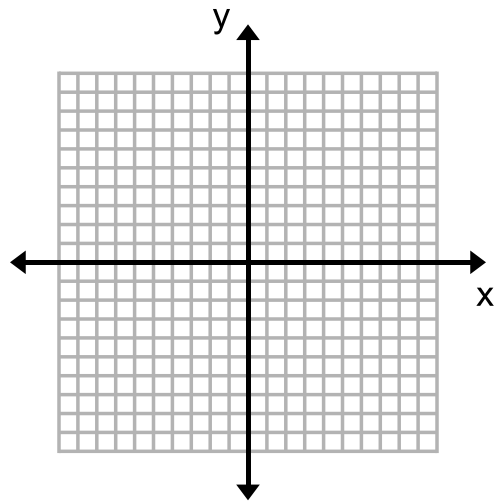
8.  $2x - y \geq 1$



9.  $4x - 2y < 0$

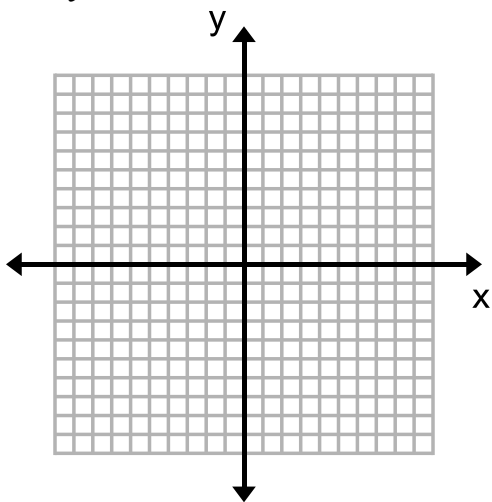


10.  $y > 6x + 2$

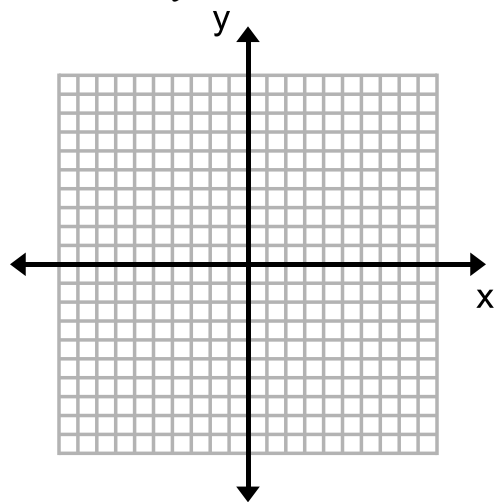


Solve the system of inequalities by graphing.

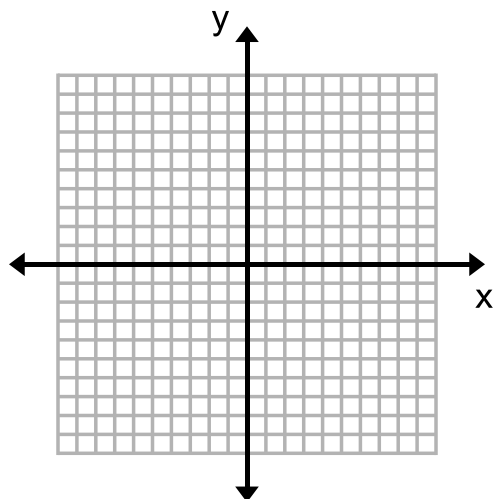
11.  $y > -2x + 1$   
 $y \leq x + 3$



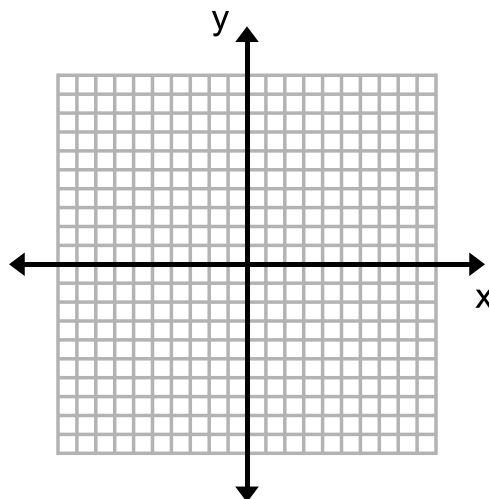
12.  $3x - y \geq 2$   
 $3x - y < -5$



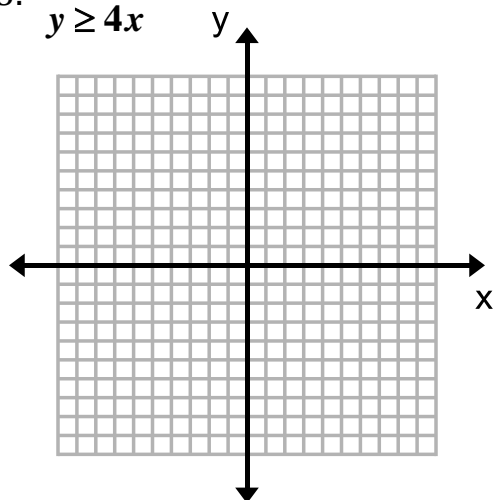
13.  $3x - y \geq -1$   
 $2x + y \geq 5$



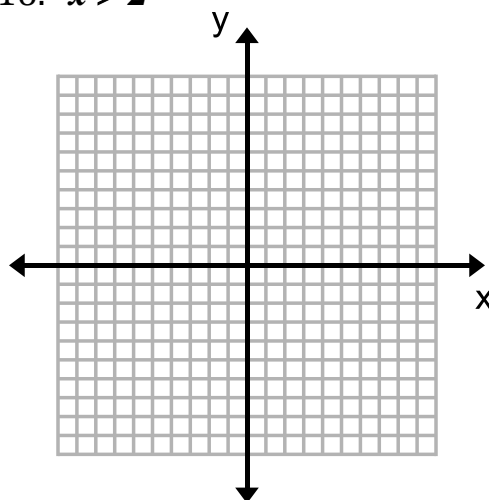
14.  $y \geq x + 10$   
 $y \leq x - 3$



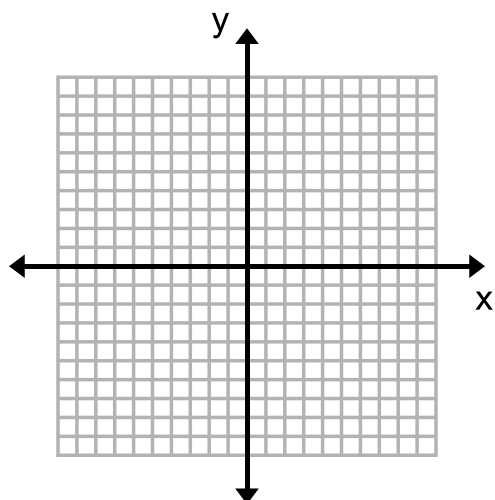
15.  $y < 3x + 8$   
 $y \geq 4x$



16.  $x > 2$



17.  $y \geq -1$



18.  $x > -2$   
 $y \leq -3$

