

Name _____

Period _____

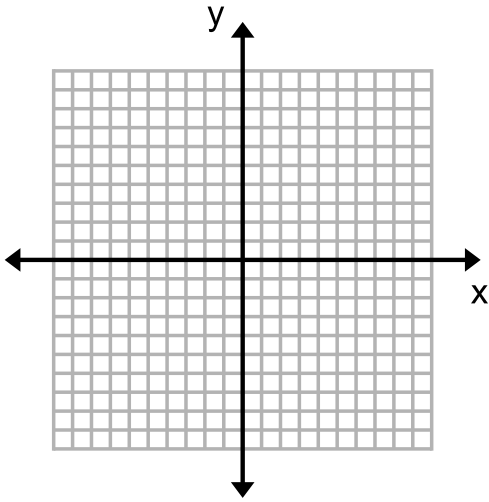
Score:

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_____ % = _____

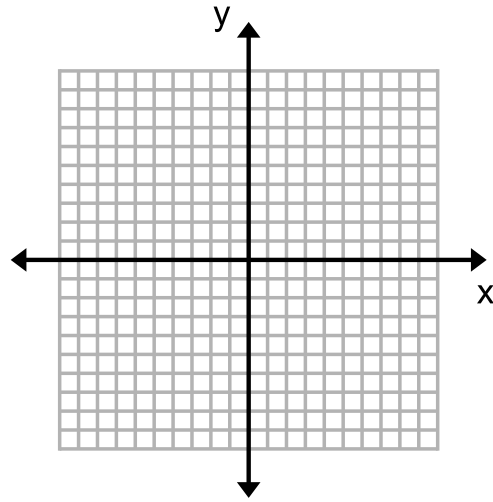
HW 6-4 HONORS: Solving Systems of Inequalities

Graph the following inequalities.

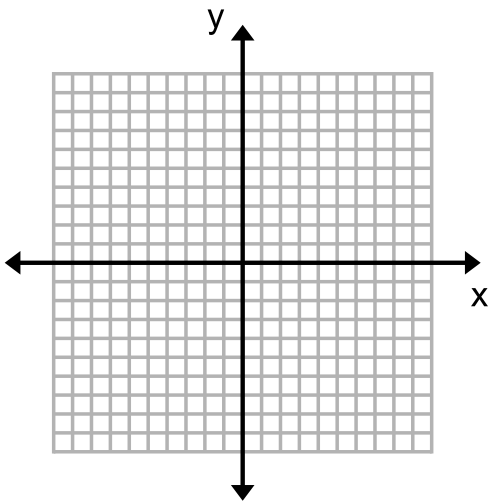
1. $y < -4x - 8$



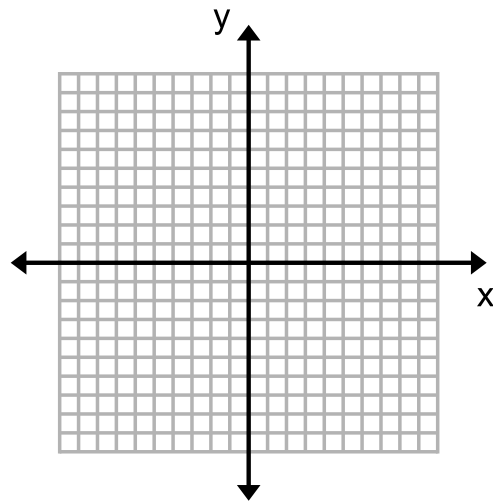
2. $3x - 1 > y$



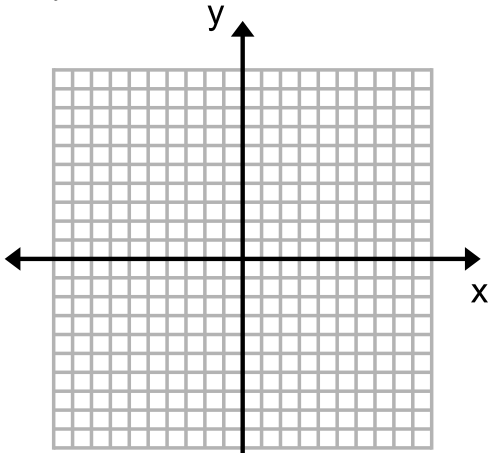
3. $3x + 6y > 0$



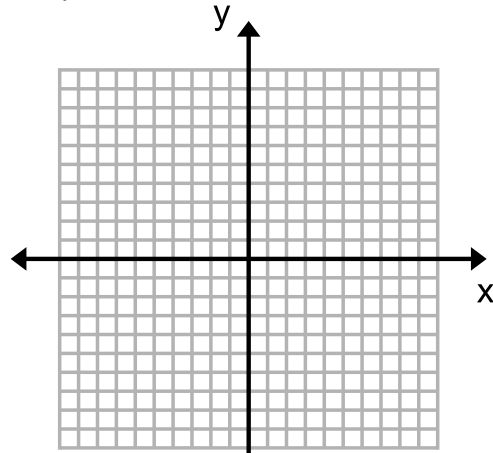
4. $y \leq 3x - 2$



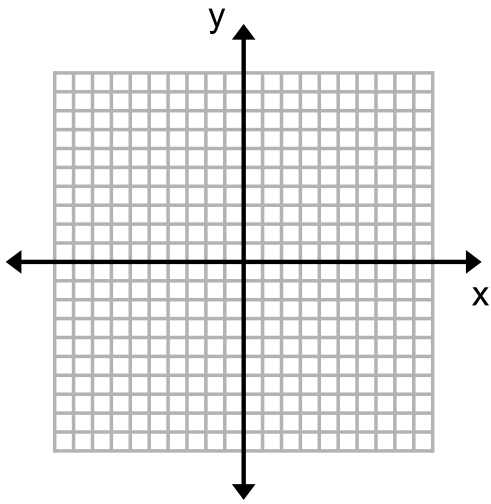
5. $4y - 3x \geq 12$



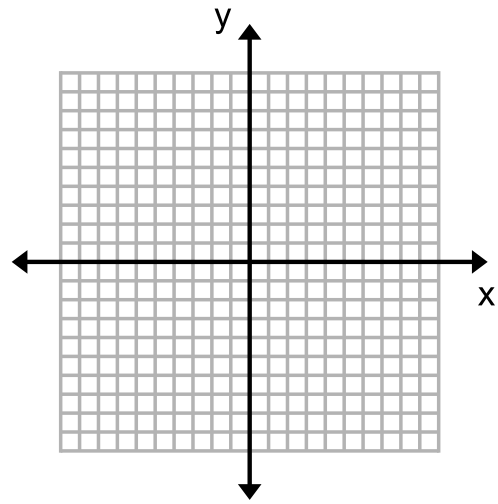
6. $y > -4x$



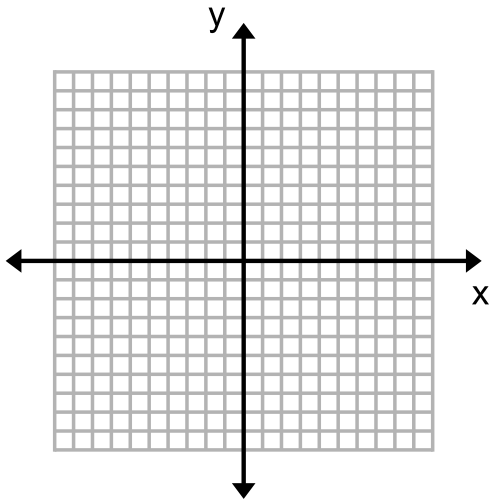
7. $3y - x \leq 9$



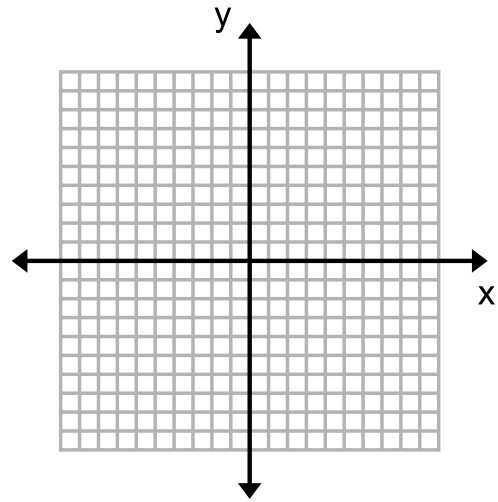
8. $2x - y \geq 1$



9. $4x - 2y < 0$

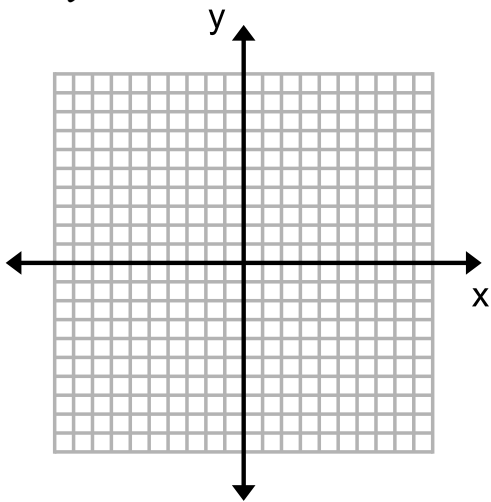


10. $y > 6x + 2$

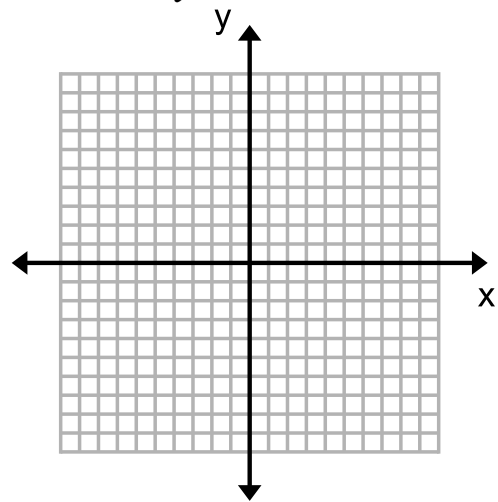


Solve the system of inequalities by graphing.

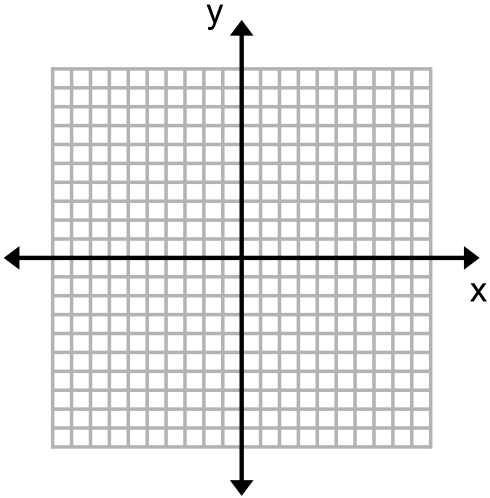
11. $y > -2x + 1$
 $y \leq x + 3$



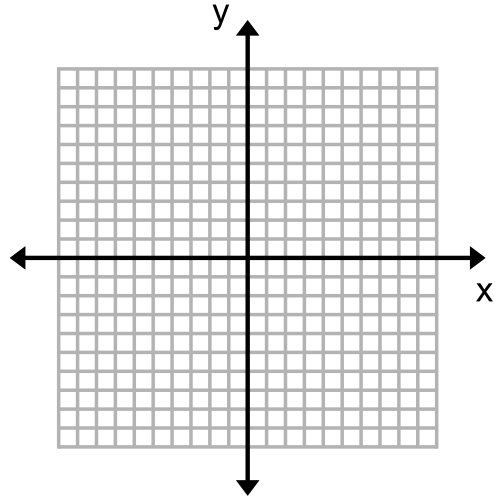
12. $3x - y \geq 2$
 $3x - y < -5$



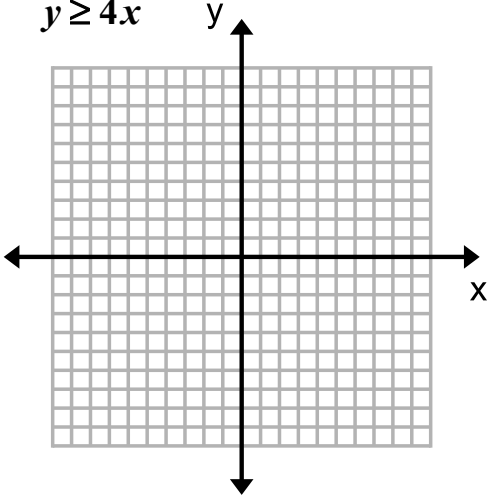
13. $3x - y \geq -1$
 $2x + y \geq 5$



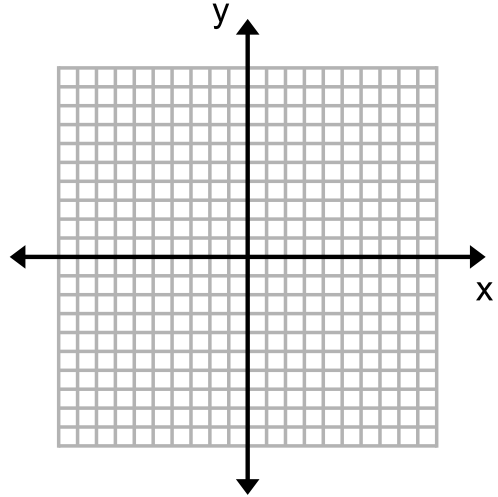
14. $y \geq x + 10$
 $y \leq x - 3$



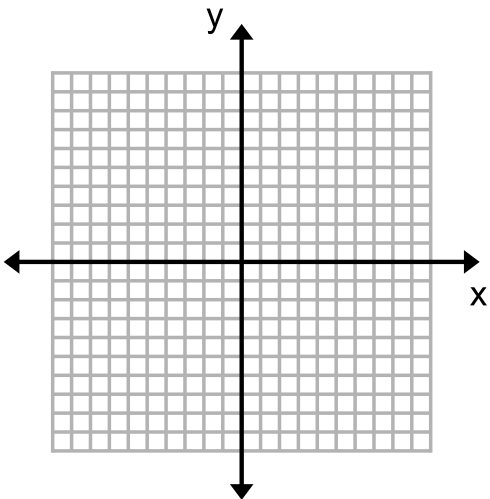
15. $y < 3x + 8$
 $y \geq 4x$



16. $x > 2$



17. $y \geq -1$



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

