

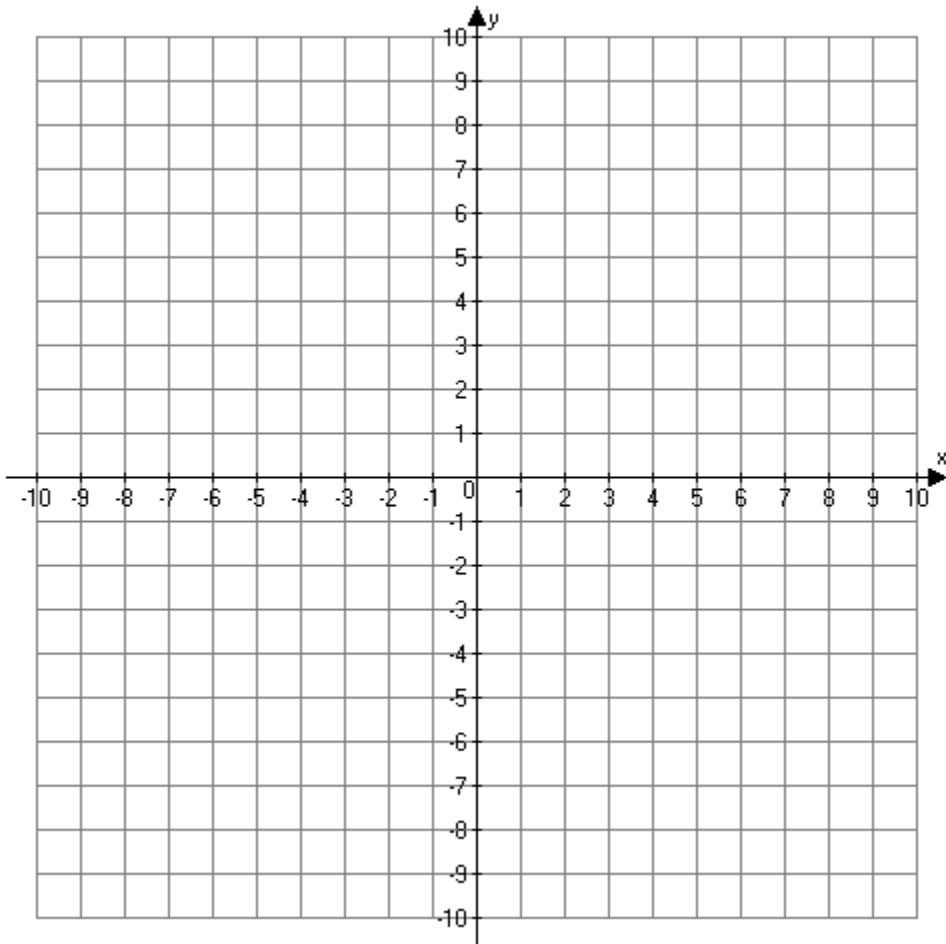
**Algebra 2****System of Linear Inequalities****Writing Assignment: Graphing Systems of Linear Inequalities****Total Points: 60**

Graph the systems of linear inequalities.

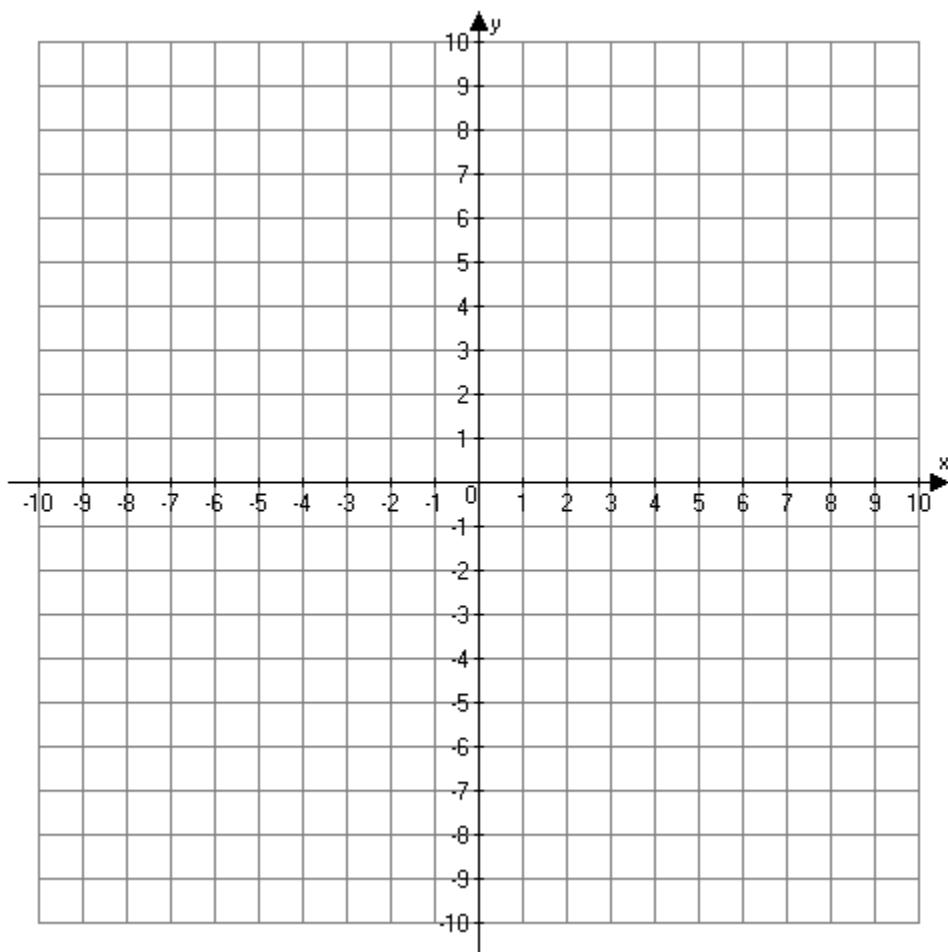
1.  $y > -6x - 2$

$y > -10 + 5x$

$y \leq 0$



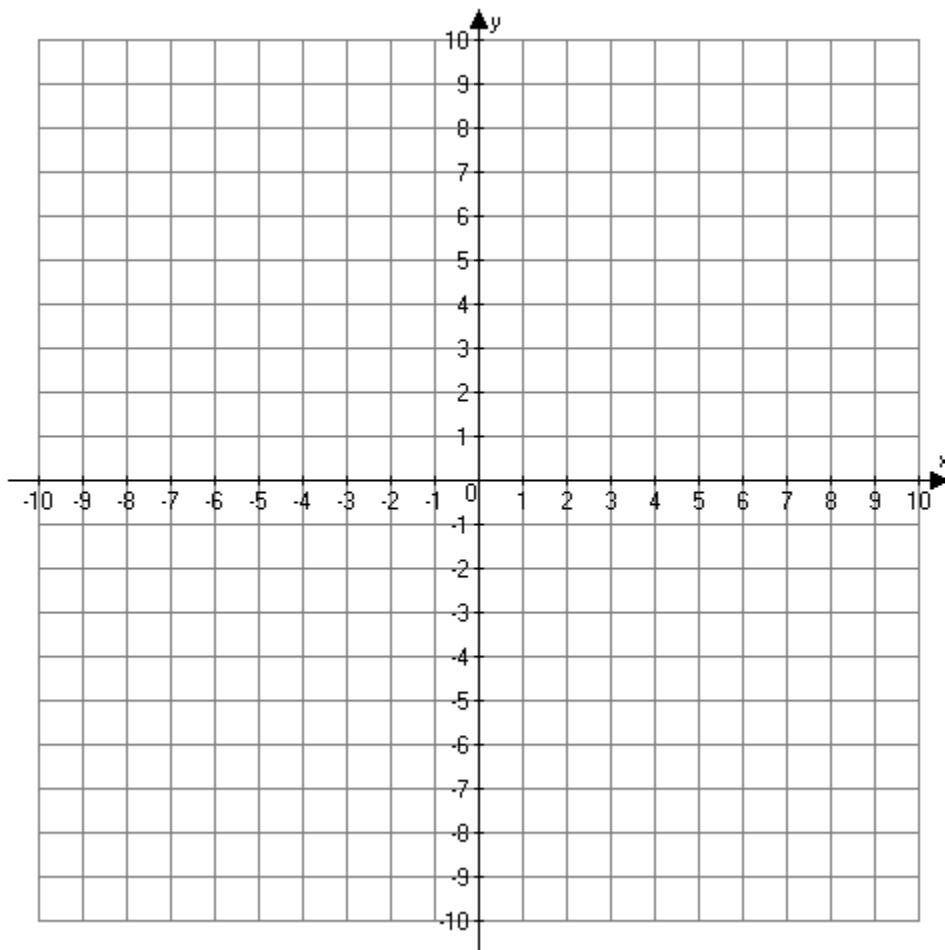
$$2. \begin{aligned}y &< 8x - 5 \\y &\geq -9x + 10\end{aligned}$$



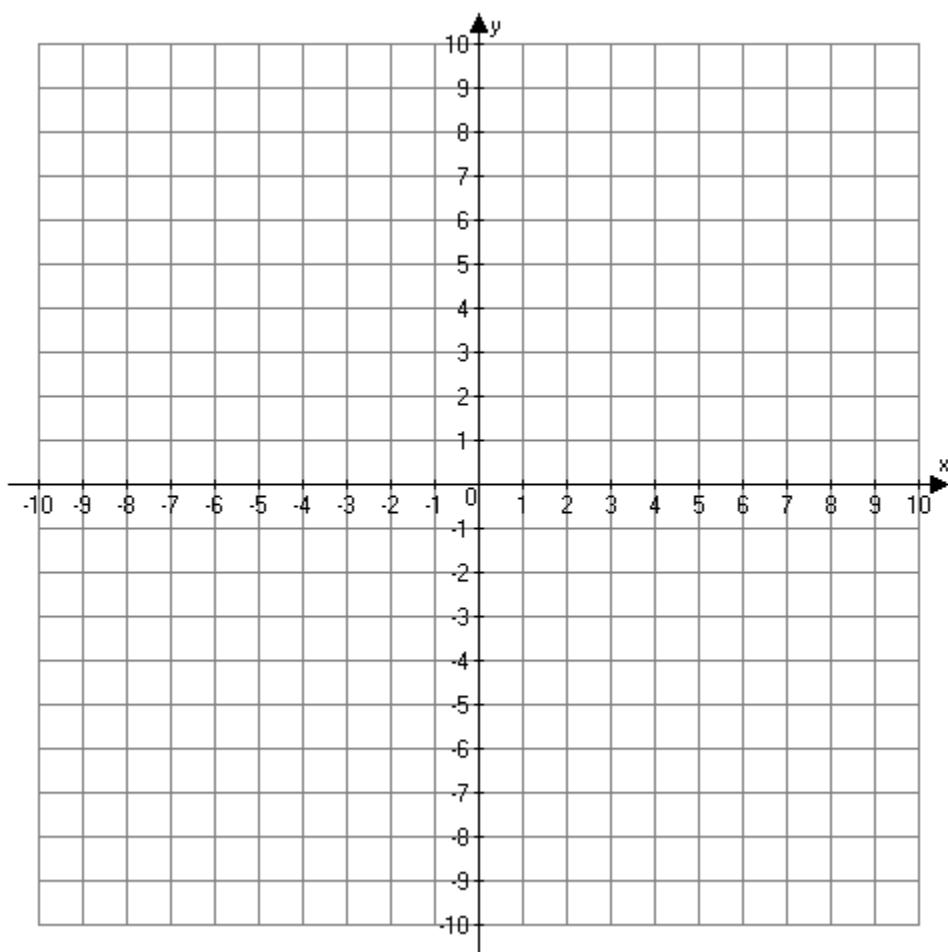
$$3. \quad y \geq 0$$

$$x \geq 0$$

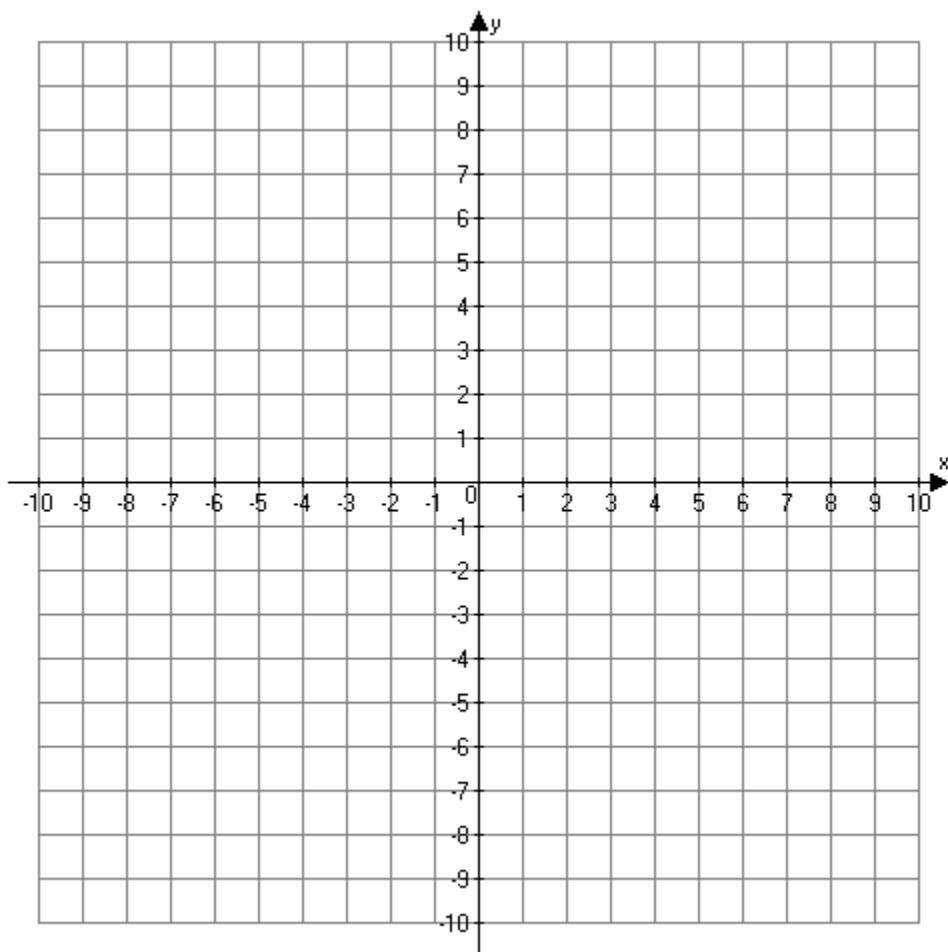
$$x < 2$$



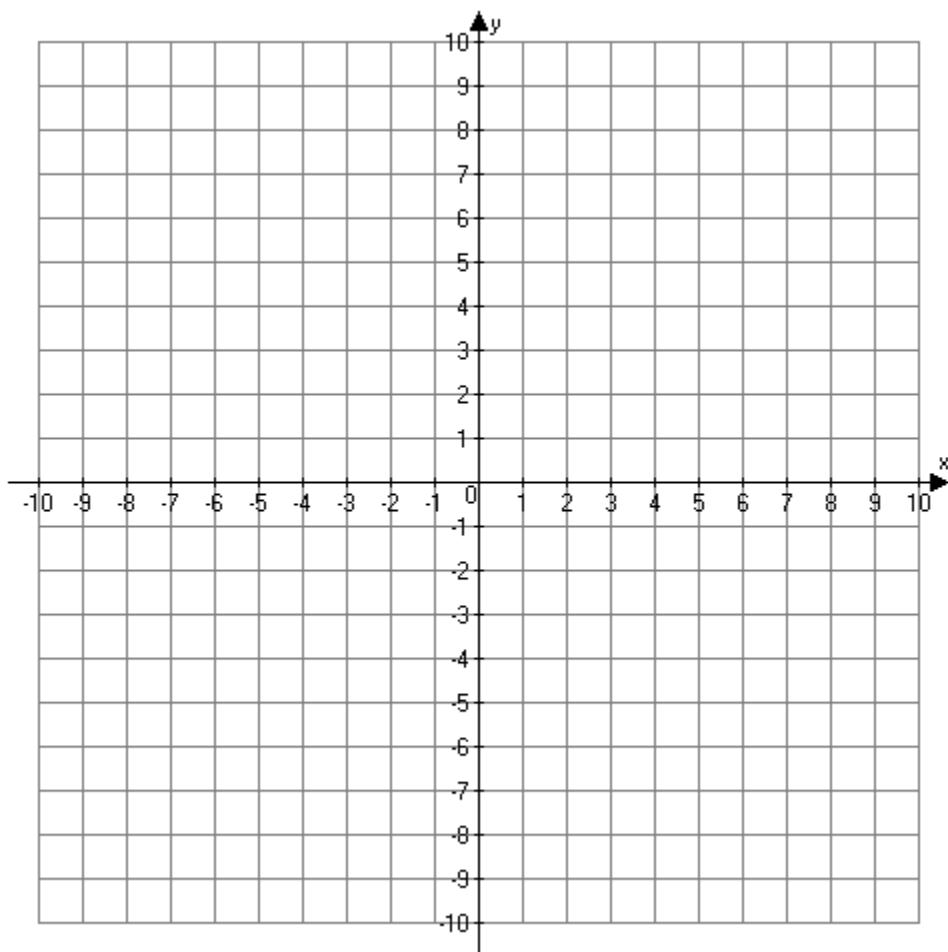
$$4. \begin{aligned}x &\leq 4 \\y &> -1\end{aligned}$$



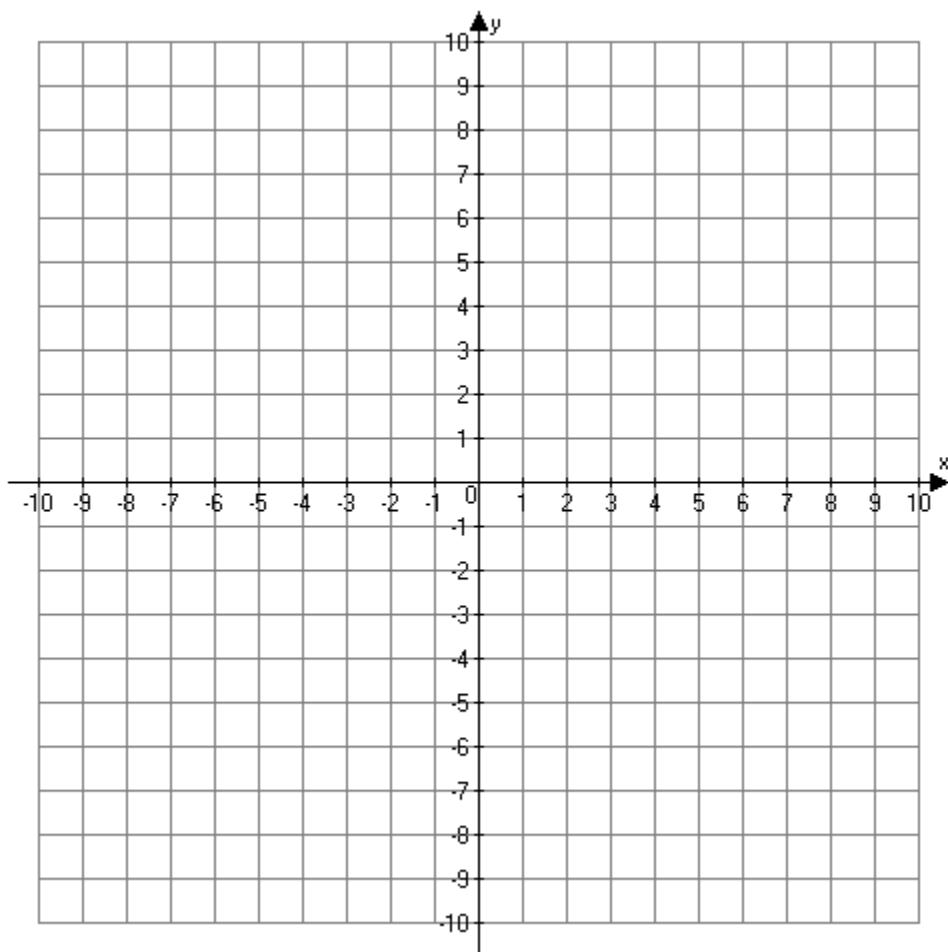
$$5. \begin{aligned} 2y + x &< 6 \\ 3x - y &> 4 \end{aligned}$$



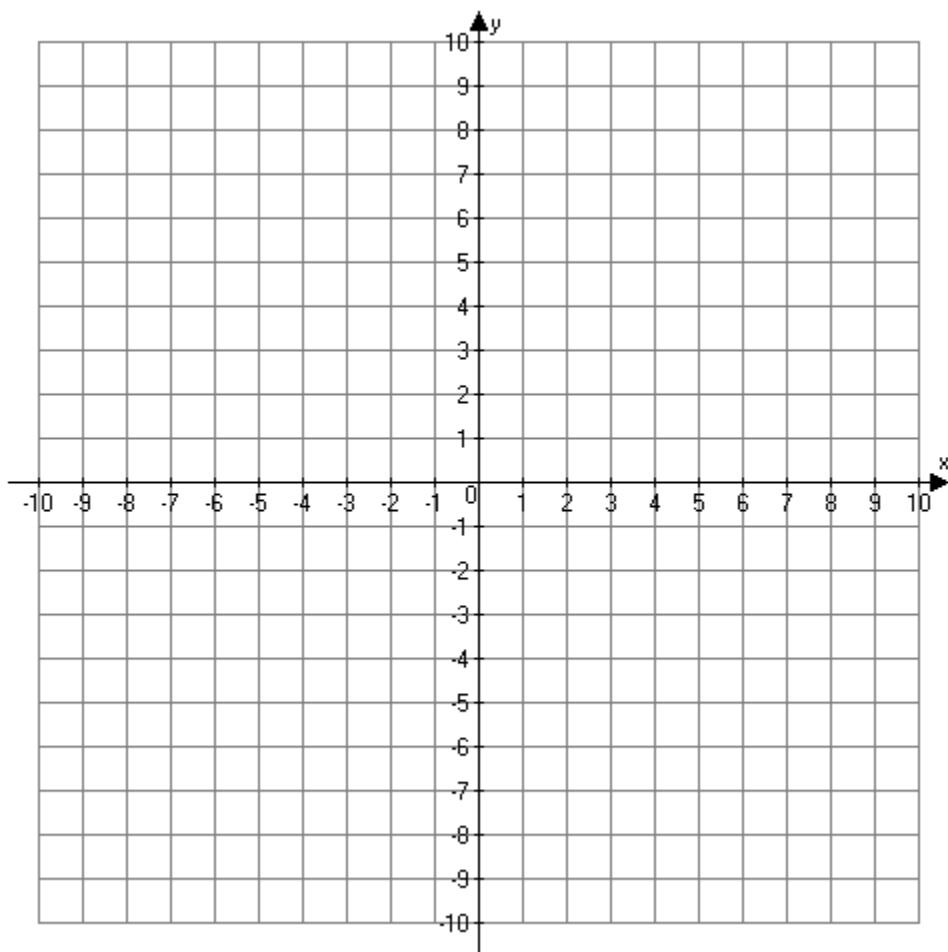
$$6. \begin{aligned}x + y &> 7 \\y &< 0\end{aligned}$$



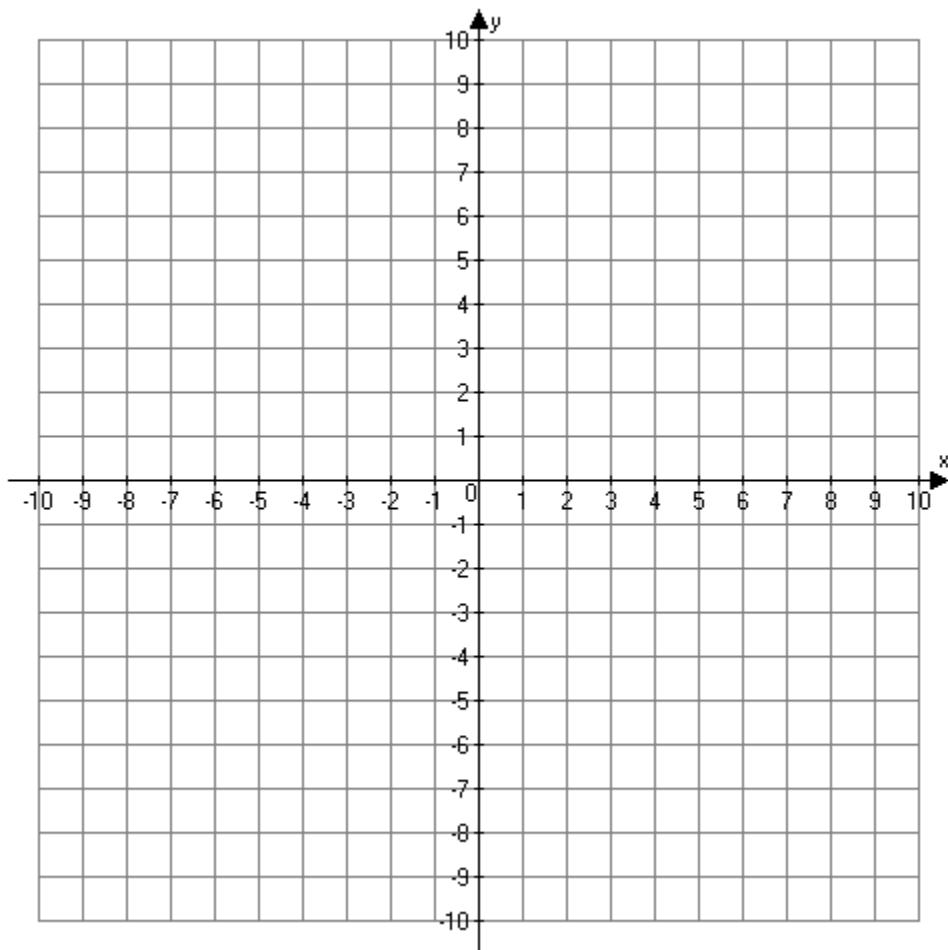
$$7. \begin{aligned} 2x - y &< 4 \\ x + 1 &> 3 \end{aligned}$$



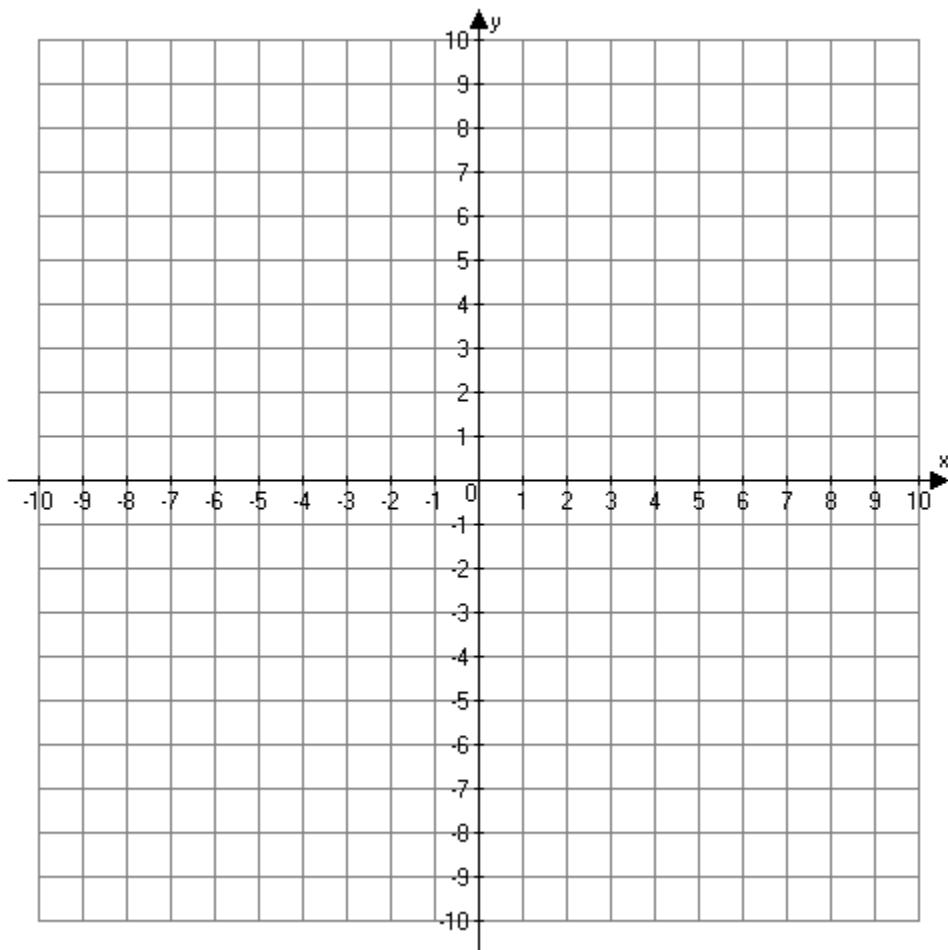
$$8. \begin{aligned}y &\geq x - 1 \\y &< 2x - 2\end{aligned}$$



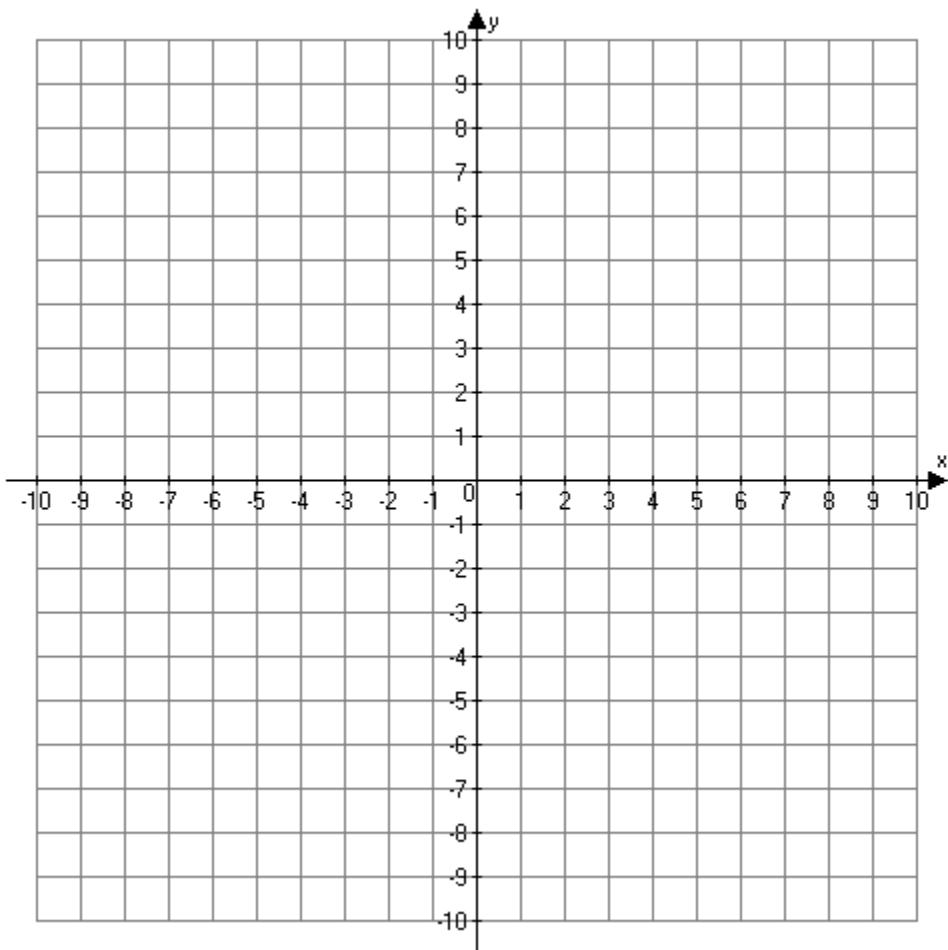
$$9.3x < 2y$$
$$y \geq 0$$



$$10. \begin{aligned}x + y &< 2 \\2x - y &< 3\end{aligned}$$



$$11. \begin{array}{l} y < 0 \\ x > 4 \end{array}$$



$$12. \begin{aligned} 2x + y &> 3 \\ x - y &\geq 2 \end{aligned}$$

