

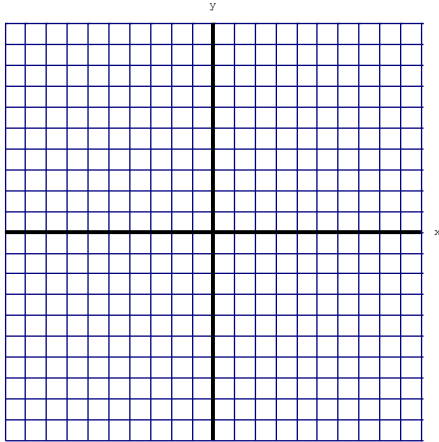
For each linear inequality, show which of the following points are in the solution: $(0,0)$ $(-1,-1)$ $(2,-1)$ $(-2,2)$

1. $x + y \leq -1$

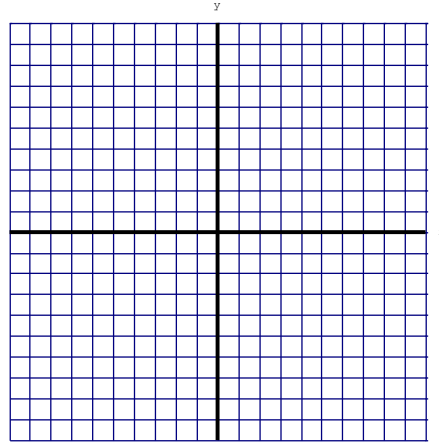
2. $3x + 4y < 4$

Graph each inequality.

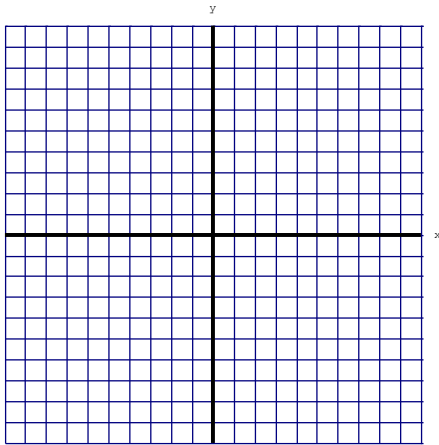
3. $y < -\frac{1}{2}x + 3$



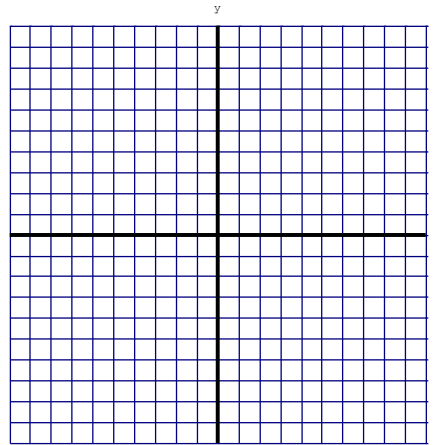
4. $y < \frac{3}{5}x - 5$



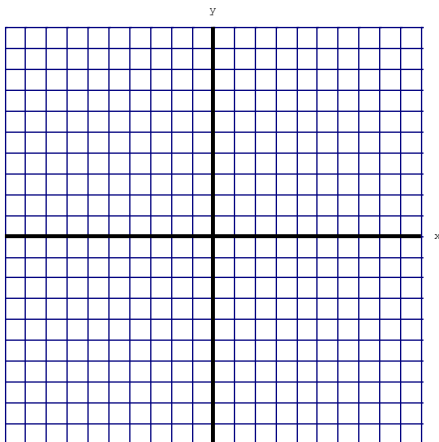
5. $y \geq \frac{5}{2}x - 7$



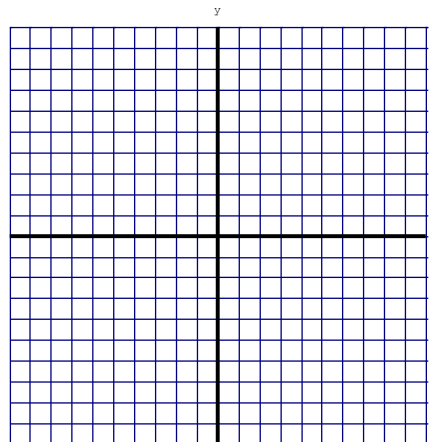
6. $5x + 4y > 0$



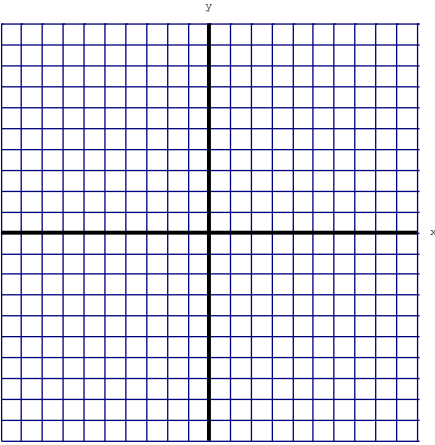
7. $6x - y \leq 1$



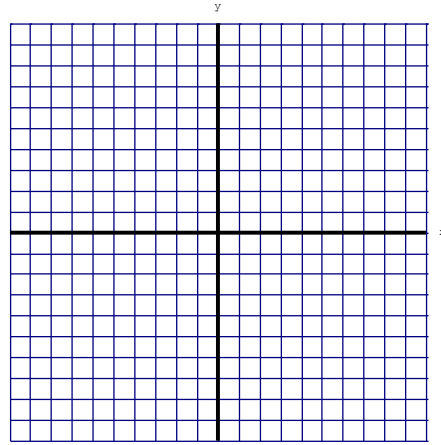
8. $4x - 2y > -6$



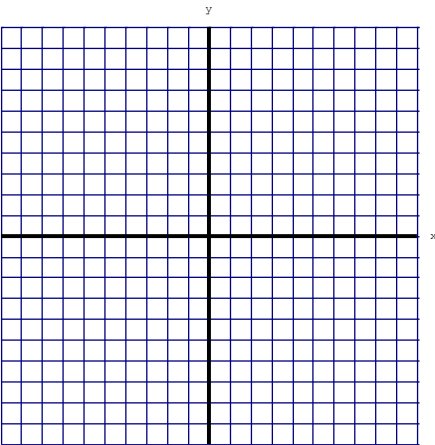
$$9. \begin{aligned} y &\geq -x - 1 \\ y &\geq x + 3 \end{aligned}$$



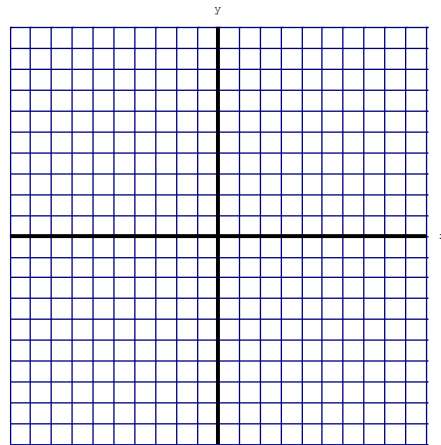
$$10. \begin{aligned} y &> -4x + 2 \\ y &> x - 3 \end{aligned}$$



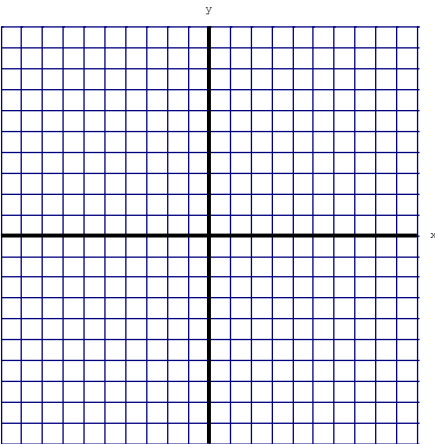
$$11. \begin{aligned} 5x - 2y &< -4 \\ x - 2y &\geq 4 \end{aligned}$$



$$12. \begin{aligned} 4x + 3y &\leq -3 \\ x + 3y &> 6 \end{aligned}$$



$$13. \begin{aligned} 4x + y &< -1 \\ x + y &\leq 2 \end{aligned}$$



$$14. \begin{aligned} x + 3y &> 3 \\ 5x + 3y &\leq -9 \end{aligned}$$

