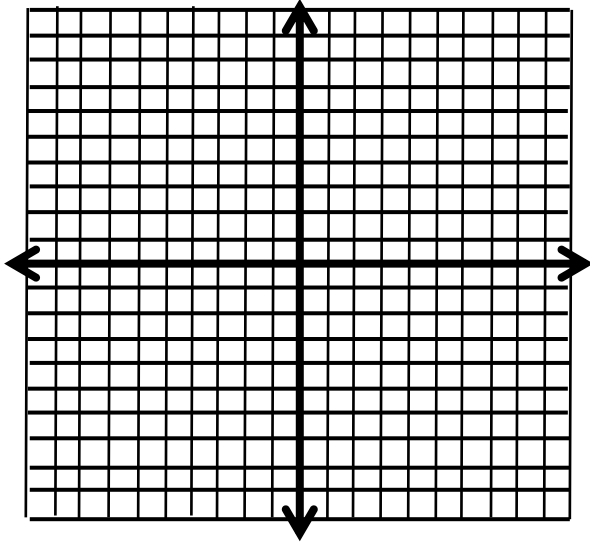


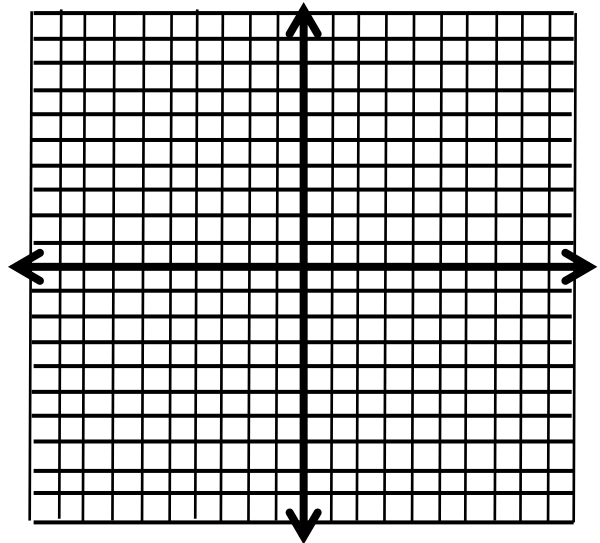
Linear Inequalities Systems Worksheet

Graph each inequality and identify the solution to each system.

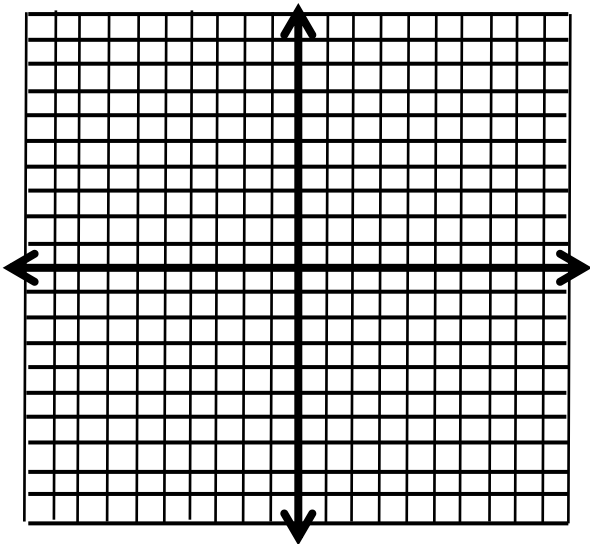
$$1. \begin{aligned} y &\geq -\frac{1}{2}x + 1 \\ y &> -2x - 2 \end{aligned}$$



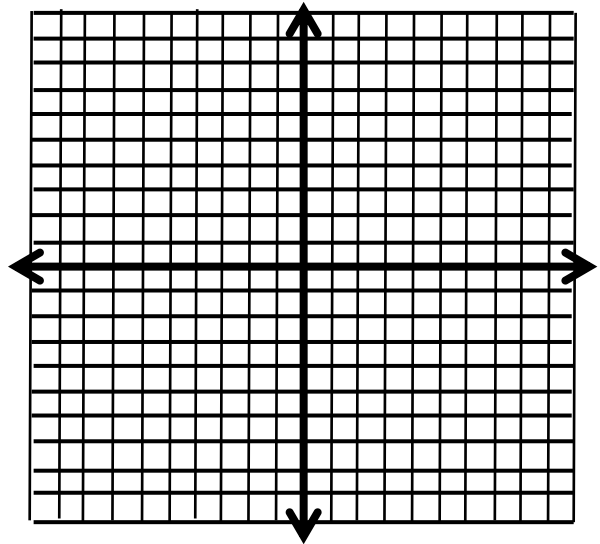
$$2. \begin{aligned} y &\leq -\frac{3}{2}x + 2 \\ y &\geq \frac{1}{2}x - 2 \end{aligned}$$



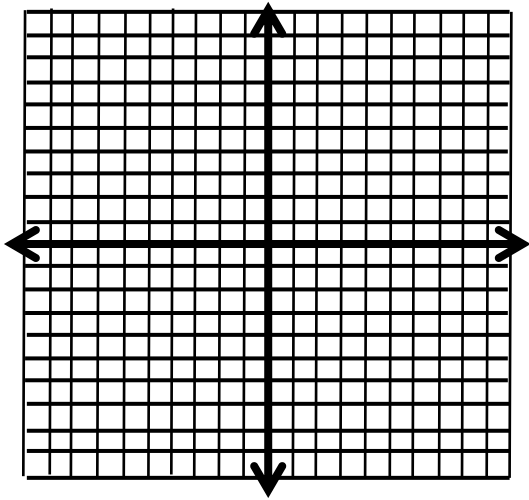
$$3. \begin{aligned} y &\geq x - 3 \\ y &\leq -5x + 3 \end{aligned}$$



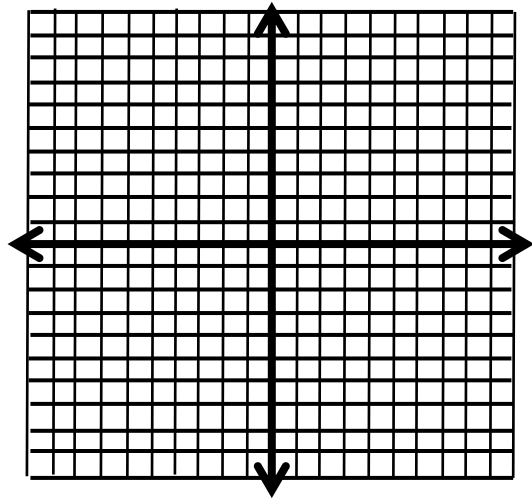
$$4. \begin{aligned} y &> -x - 2 \\ y &> \frac{1}{3}x + 2 \end{aligned}$$



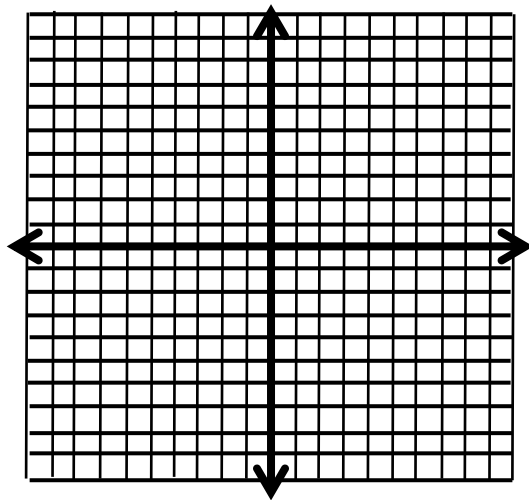
5. $y < x - 3$
 $y \geq -3x + 1$



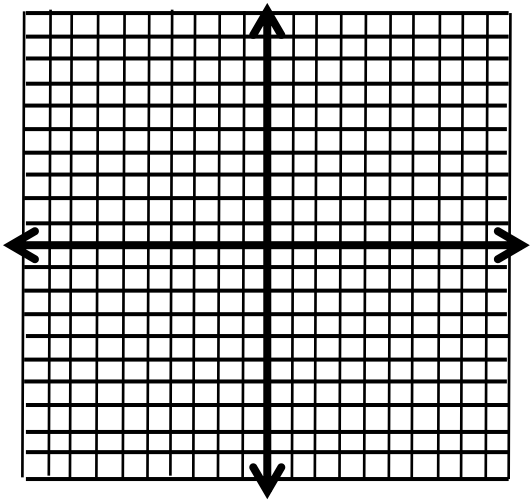
6. $y \leq x + 3$
 $y \geq -5x - 3$



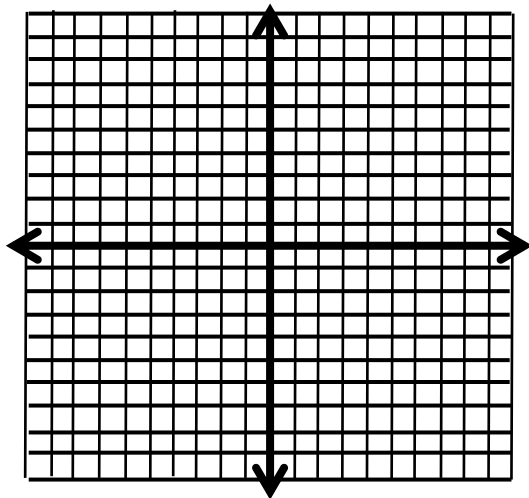
7. $y \leq -\frac{2}{3}x - 1$
 $y \geq \frac{2}{3}x + 3$



8. $y > 6x + 3$
 $y \geq x - 2$



9. $y \geq x + 1$
 $y > 2$



10. $y > 4x + 1$
 $y \geq x - 2$

