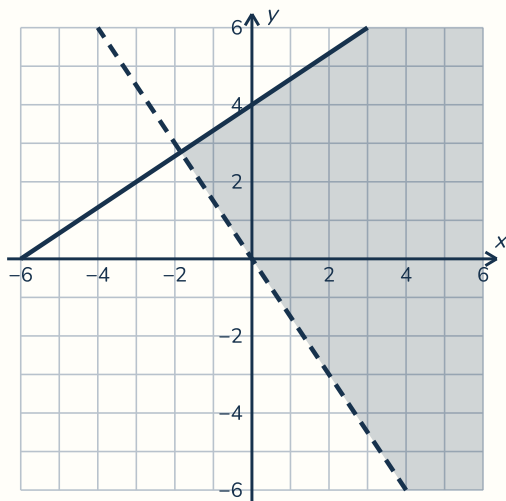


Name: _____

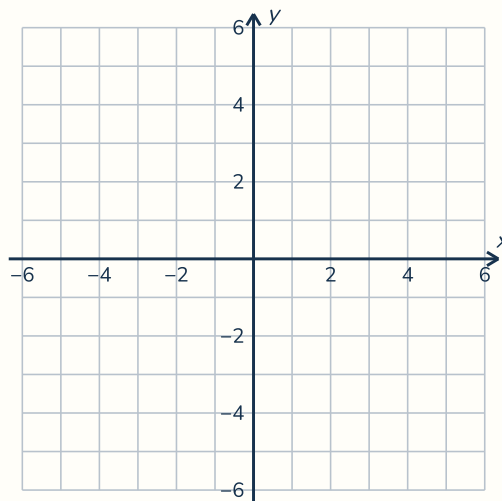
Date: _____

Graph both inequalities. The solution is where the shading overlaps.

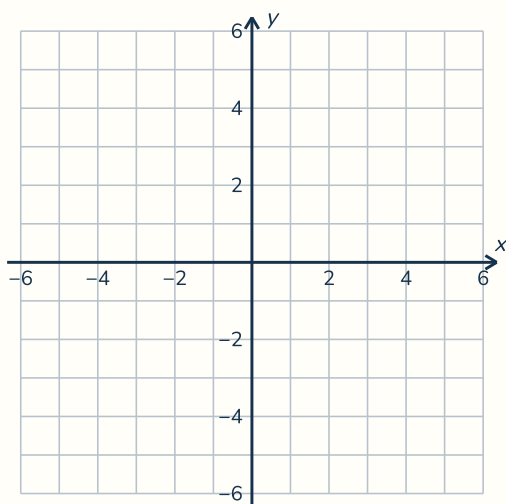
① $y > -\frac{3}{2}x$ $y \leq \frac{2}{3}x + 4$



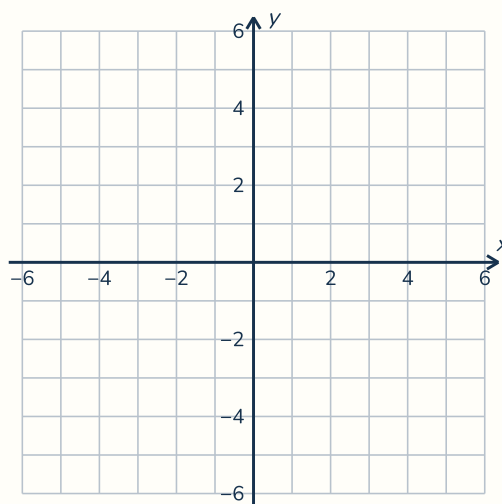
② $y > -3x + 1$ $y \leq \frac{1}{2}x$



③ $y \leq -\frac{1}{2}x + 3$ $x \leq 0$



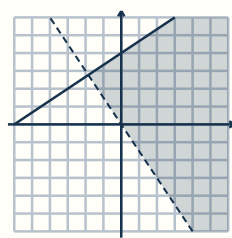
④ $y \leq \frac{1}{3}x + 1$ $y \leq 2x + 4$



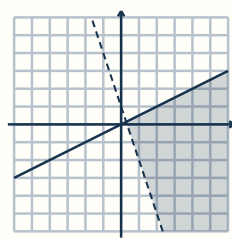
Graph inequalities in two variables · Graph a system — Answer key



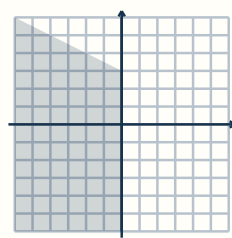
1. $y > -\frac{3}{2}x$ and $y \leq \frac{2}{3}x + 4$



2. $y > -3x + 1$ and $y \leq \frac{1}{2}x$



3. $y \leq -\frac{1}{2}x + 3$ and $x \leq 0$



4. $y \leq \frac{1}{3}x + 1$ and $y \leq 2x + 4$

