

Lesson 3-3

Solving a System of Inequalities by Graphing

Set 3-3b**Solve by graphing.**

1) $y \geq 2x$ and $y \leq -\frac{1}{3}x$ 2) $y > -\frac{3}{5}x - 2$ and $y > x + 4$

3) $2y > \frac{5}{2}x$ and $-3y \leq 6x$ 4) $x - y \leq -3$ and $y > 3 - x$

5) $y < \frac{2}{3}x - \frac{5}{3}$ and $y > -\frac{5}{3}x + 5$