

Lesson 3-3

Solving a System of Inequalities by Graphing

Set 3-3a

Solve by graphing.

1) $y < x$ and $y > -x$

2) $y \geq x$ and $y < -2x + 1$

3) $x - y > 3$ and $y > -x - 2$

4) $2x + y \leq 4$ and $2x - y \leq 2$

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