

Solutions to Linear Inequalities

Follow the directions with each specific question.

Given the linear inequality, determine if the point is a solution. Respond by stating if the point is a solution and how your answer was determined.

1. $2x - 3y \leq 7$ Point: (5, -4)

2. $-x - y > 5$ Point: (-2, -4)

3. $5x + 4y \geq 8$ Point: (-2, 6)

4. $-7x + 8y < 12$ Point: (-3, 2)