

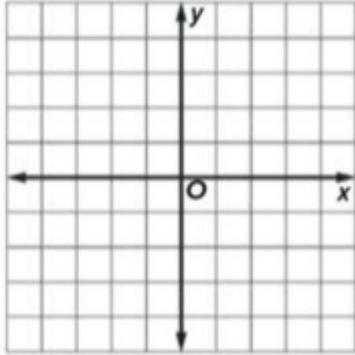
Name: \_\_\_\_\_ Show work needed to justify your answer. Date: \_\_\_\_\_

**HW # 37:** Algebra 1 - Standard 23 - Graph Inequalities in Two Variables

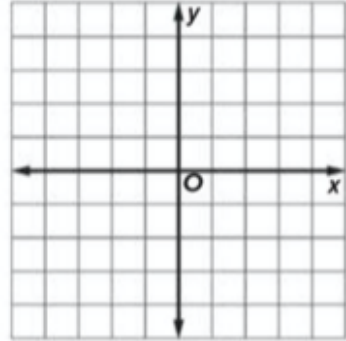
5 points

Graph each inequality.

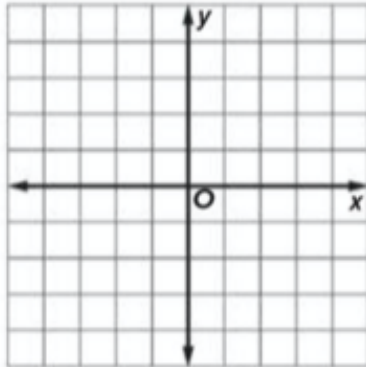
3.  $y \geq 3x - 1$



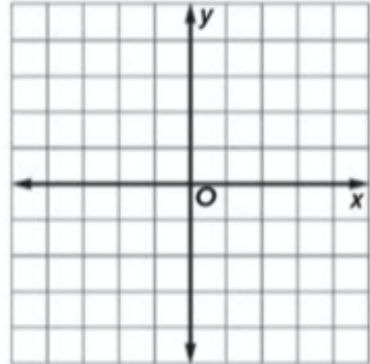
5.  $6x + 3y > 12$



8.  $2x + y < -3$



16.  $\frac{1}{2}x + 1 < 3$



14. **FUNDRAISING** Troop 200 sold cider and donuts to raise money for charity. They sold small boxes of donut holes for \$1.25 and cider for \$2.50 a gallon. In order to cover their expenses, they needed to raise at least \$100. Write and graph an inequality that represents this situation.

