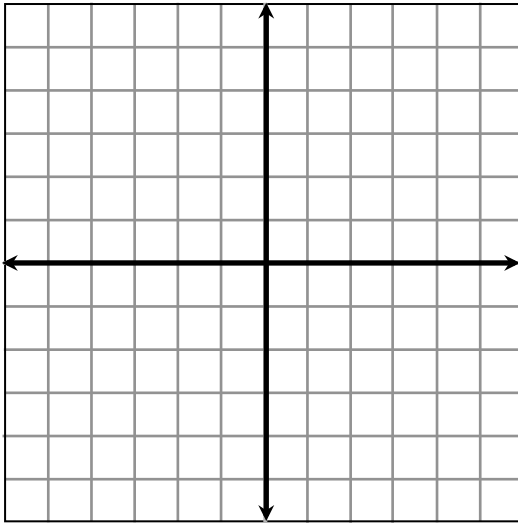


3.7 Linear Inequalities

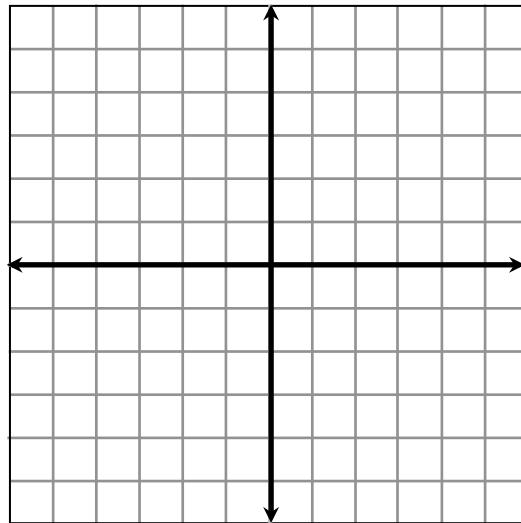
Name _____

Sketch the solution set to each linear inequality.

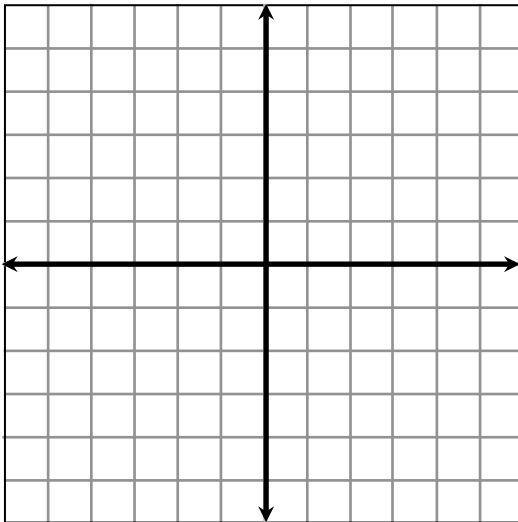
1. $y \geq -3x + 4$



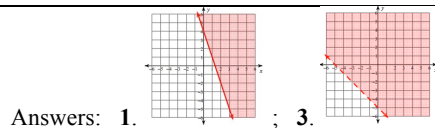
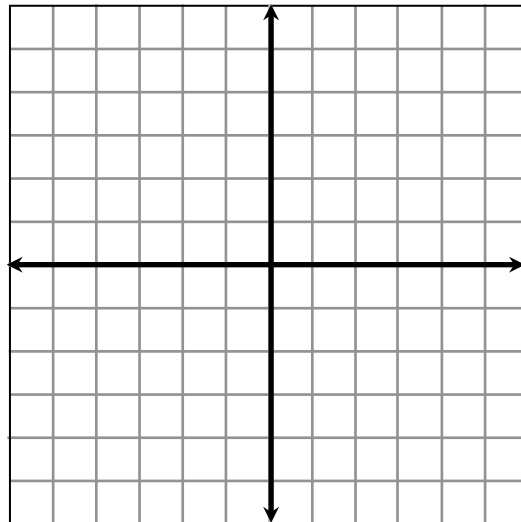
2. $y \leq \frac{3}{5}x - 5$



3. $y > -x - 5$

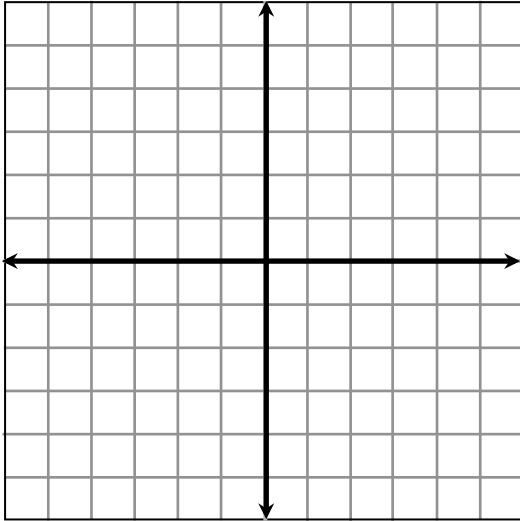


4. $y > 2x - 5$

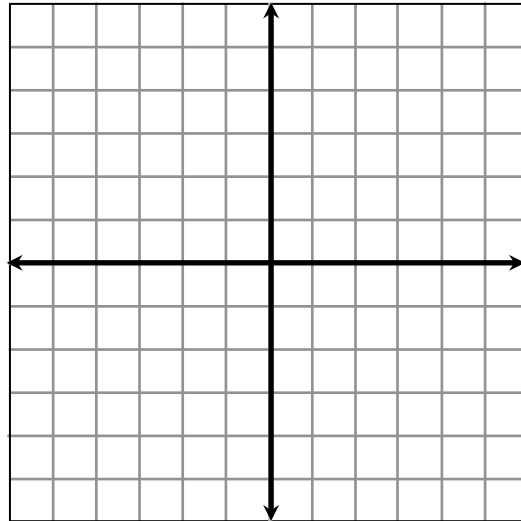


Sketch the solution set to each linear inequality.

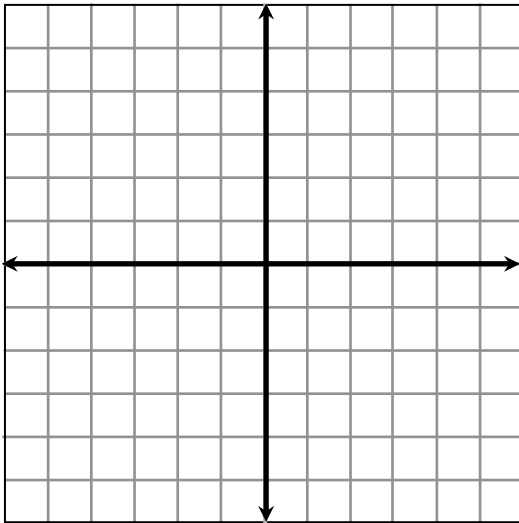
5. $y > -4$



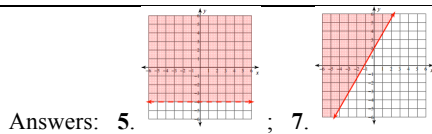
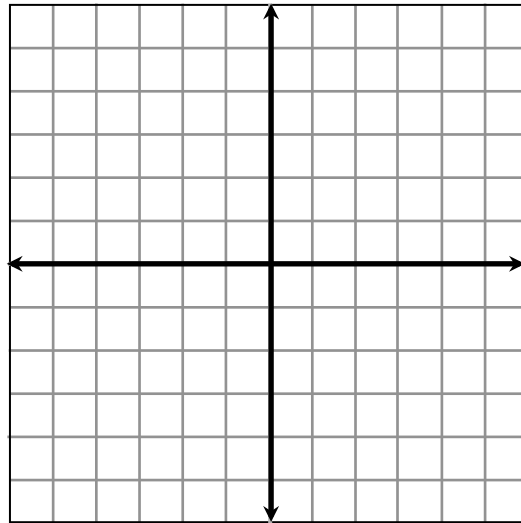
6. $x < -5$



7. $y \geq \frac{7}{4}x + 2$

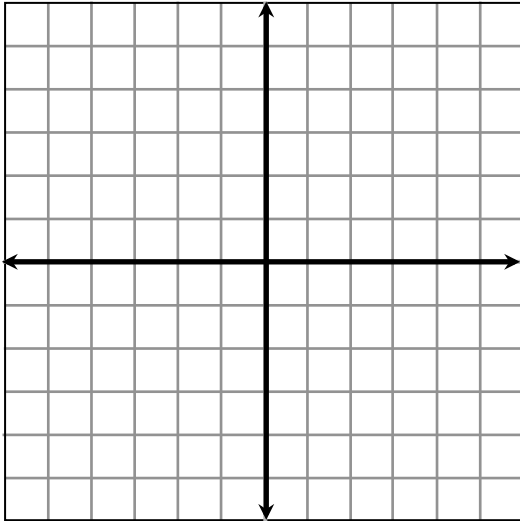


8. $y \leq \frac{4}{3}x - 4$

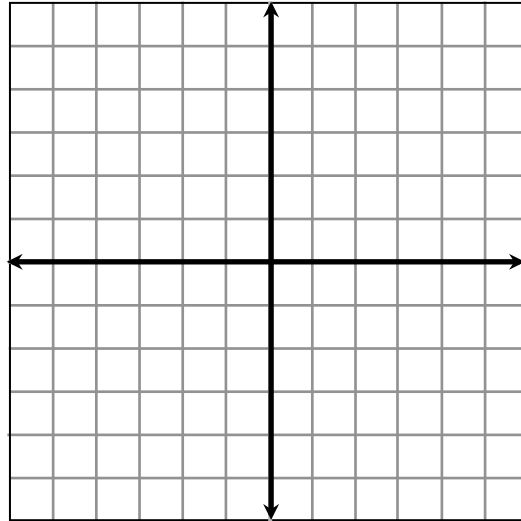


Sketch the solution set to each linear inequality.

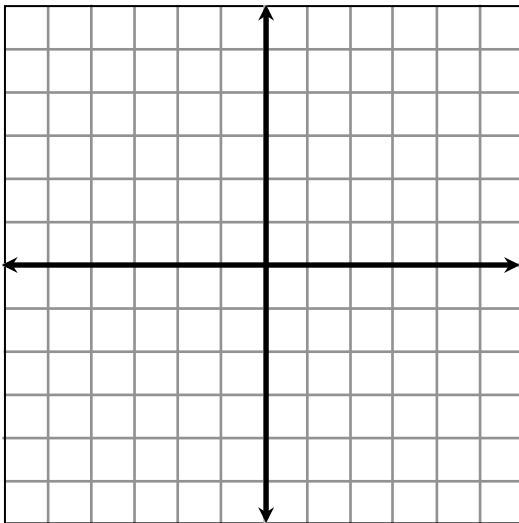
9. $3x - 2y < 10$



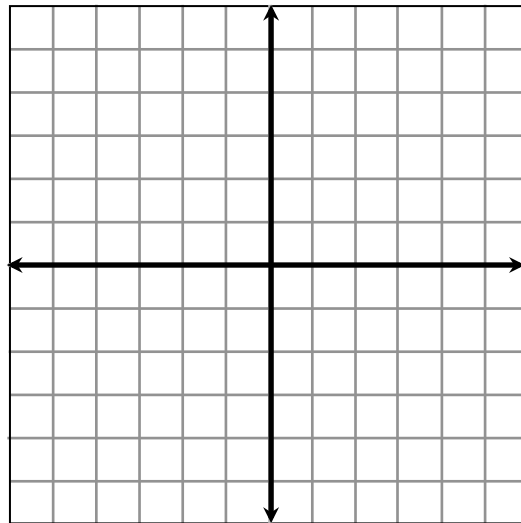
10. $5x - 3y \leq -15$



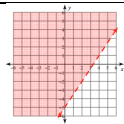
11. $y - 4 \geq 0$



12. $x - y > 2$



Answers: 9.



; 11.

