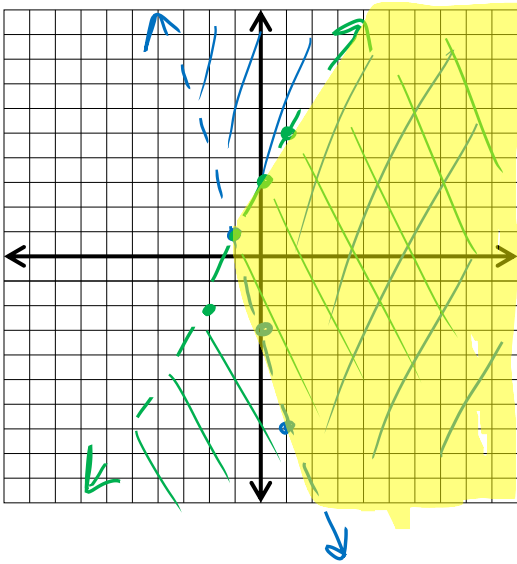


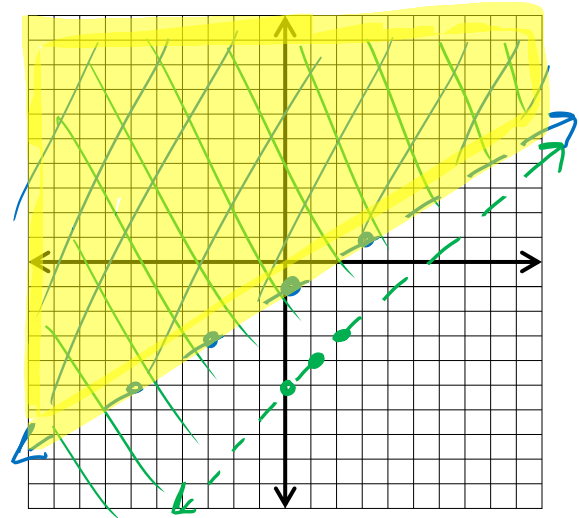
Unit 5 Part II: Day 25 HOMEWORK
Tougher Systems of Linear Inequalities

Directions: Graph the solution set of the system of inequalities below. Be sure to test a point in your shaded region to check your work!

1. Graph the inequality $y > -4x - 3$
 $y < 2x + 3$



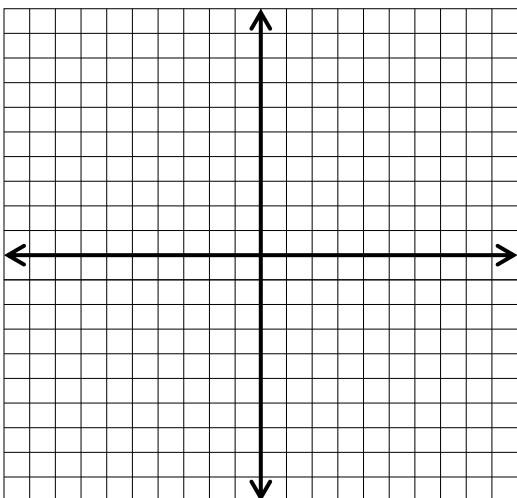
2. Graph the inequality $y > \frac{2}{3}x - 1$
 $x - 5 < y \Rightarrow y > x - 5$



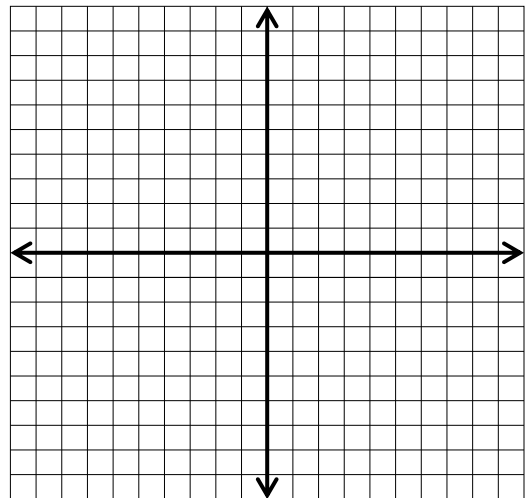
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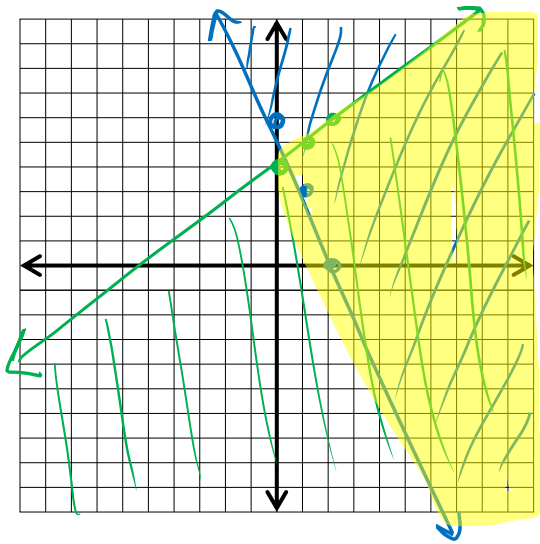
1. Graph the inequality $y > -4x - 3$
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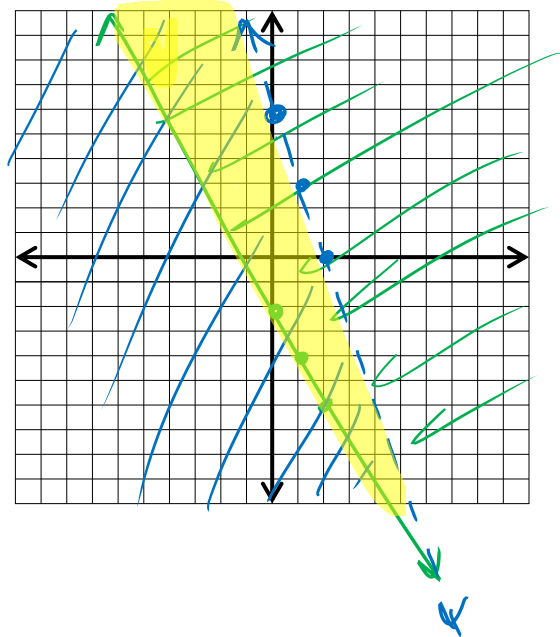
2. Graph the inequality $y > \frac{2}{3}x - 1$
 $x - 5 < y$



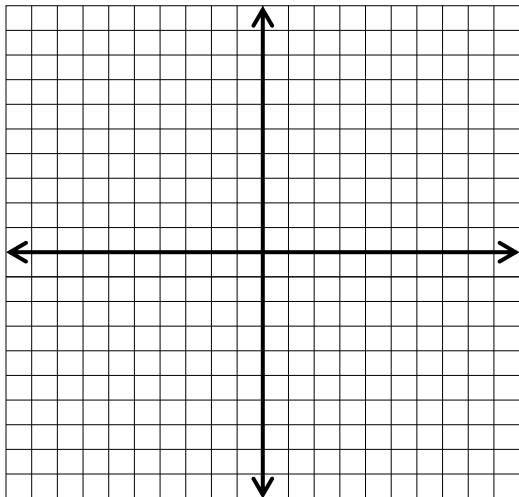
3. Graph the inequality $y - 6 \geq -3x \Rightarrow y \geq -3x + 6$
 $y - x \leq 4 \Rightarrow y \leq x + 4$



4. Graph the inequality $y - 6 < -3x \Rightarrow y < -3x + 6$
 $2x + y \geq -2 \Rightarrow y \geq -2x - 2$



3. Graph the inequality $y - 6 \geq -3x$
 $y - x \leq 4$



4. Graph the inequality $y - 6 < -3x$
 $2x + y \geq -2$

