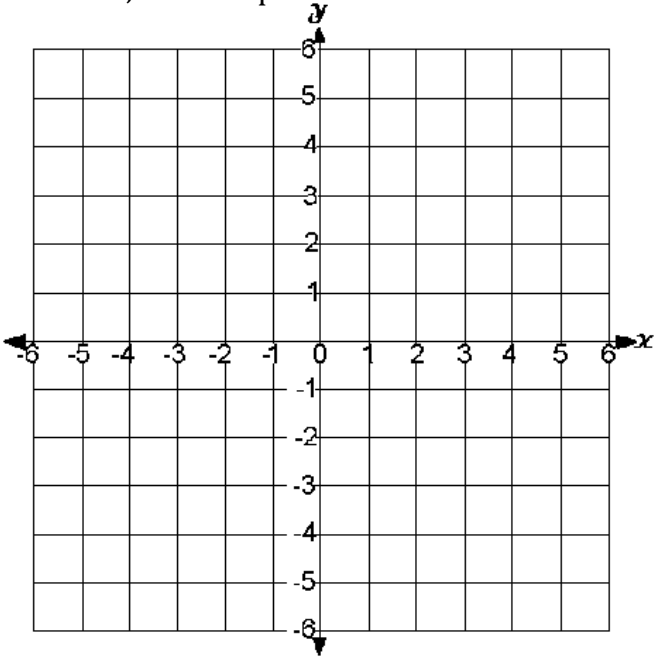


Algebra 1- Week 14 Homework

Monday-

Graph the following system of inequalities: $y > 5x - 1$ and $-2y \leq 4x + 6$. Then, identify two points that are solutions, and two points that aren't solutions.

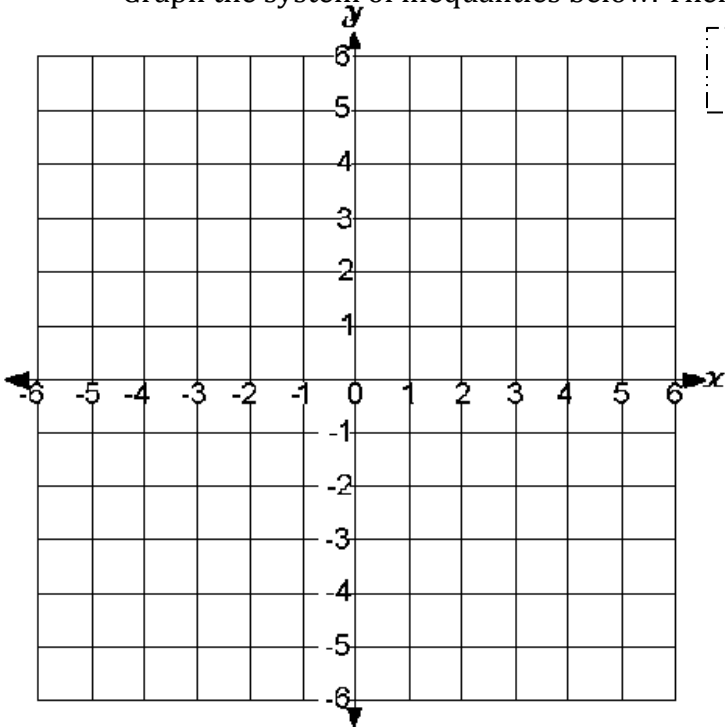


Two Solutions: _____, _____

Two Non-Solutions: _____, _____

Tuesday-

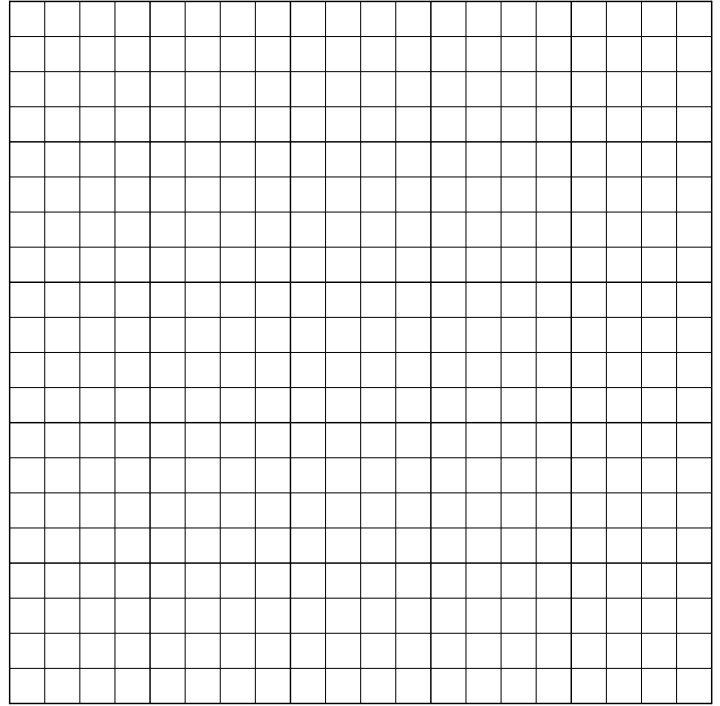
Graph the system of inequalities below. Then, identify the shape of the shaded solution region.



$y > x + 1$ $y \geq x - 5$ $y < 3$ $y \geq -4$

Wednesday-

Mary babysits for \$4 per hour. She also works as a tutor for \$6 per hour. She is only allowed to work 12 hours per week. She wants to make at least \$60. Write and graph a system of inequalities to represent this situation. Then, use your graph to name the best combination of hours that Mary should work.



Thursday-

Test review! Study for test!!! Topics on test:

1. Solving Linear Inequalities
2. Graphing Linear Inequalities
3. Graphing Systems of Linear Inequalities
4. Application of Linear Systems of Inequalities

Friday- Test! No Homework!