ALGEBRA II
Chapter 3 section 3
Graph Systems of Linear Inequalities
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FOCUS:
How do you find the solution to a system of linear inequalities?
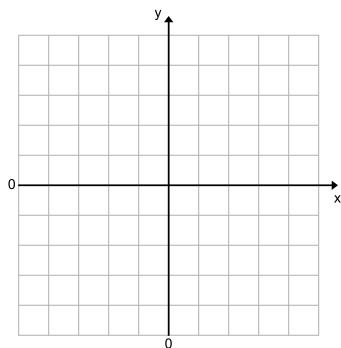
VOCAB:
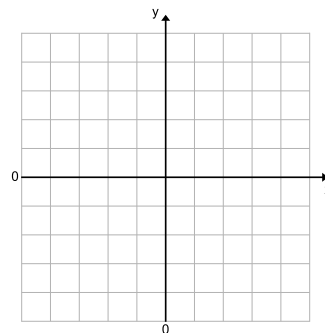*System of Linear Inequalities:*

Solution of a System of Inequalities:

Graph of a System of Inequalities:

WARM – UP:

1. Graph $y \leq x + 2$

2. Graph $y \geq |x|$

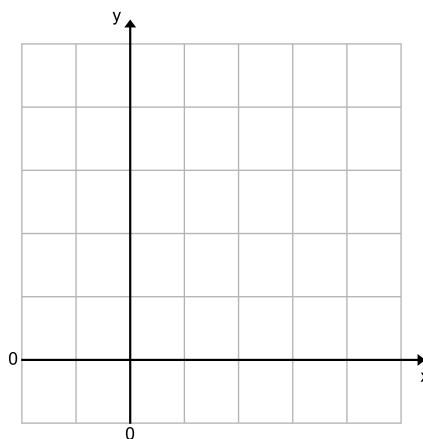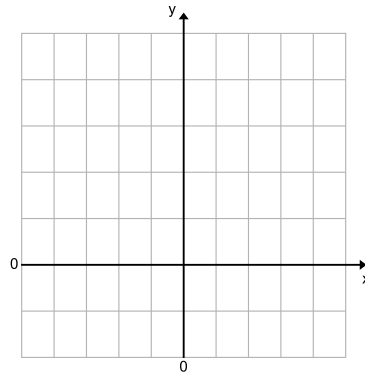## NOTES:

Graph the system of inequalities.

$y \leq 3x + 2$ $y > -x + 4$

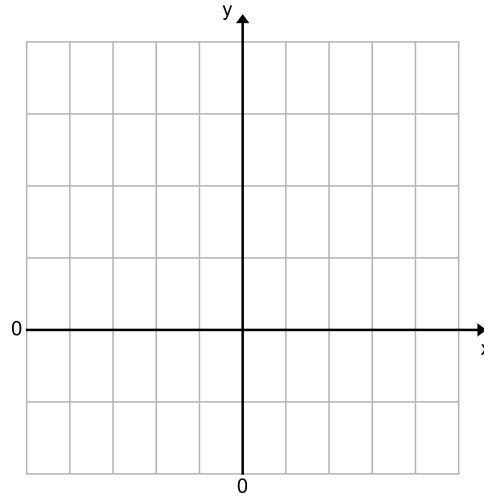$4x + 2y \geq 8$ $y < -2x + 3$

$y < 2$ $y \geq |x - 1|$
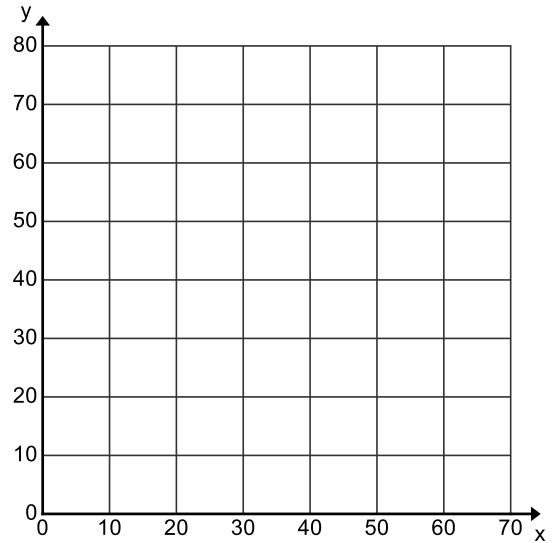
$x \geq 10$ $x \leq 70$ $y \leq \dfrac{8}{7}x$ $y \geq \dfrac{2}{7}x$

Let's see if you comprehended what we worked on in class…

Try _____ for homework