

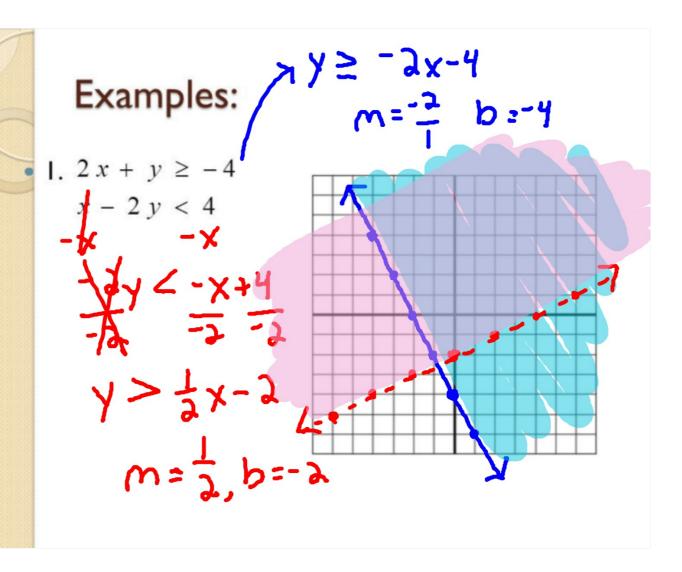
Inequality Review

Graph the following Inequalities

Graphing Systems of Inequalities

STEPS:

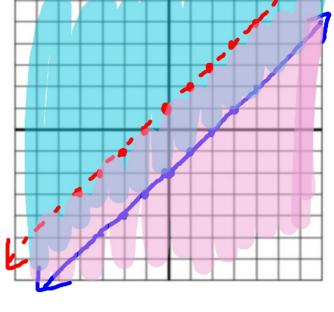
- Rewrite equations in slope-intercept form y=mx+b
- · Graph the first equation
- Shade in the correct area
- · Graph the second equation
- Shade in the correct area
- Where the shading overlaps is the answer
 - < or > is a dotted line
 - ≤ or ≥ is a solid line



$$m = \frac{1}{1} b = -\lambda$$

• 2.
$$-x + y \ge -2$$

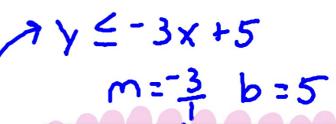
 $y - 1 < x$



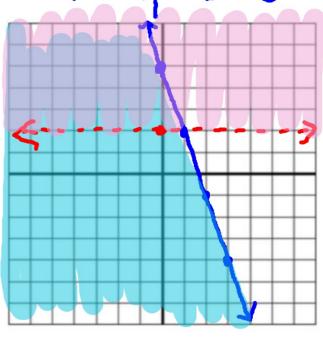
No Solution

Examples: /

• 3. $3x + y \le 5$

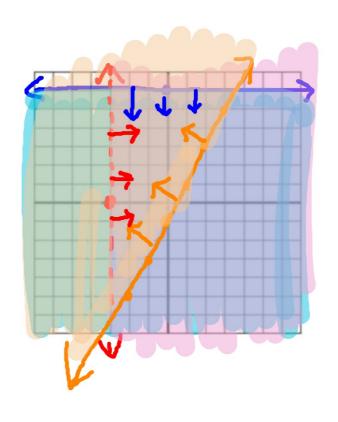








• 4. $y \le 6$ x > -3 $y \ge 2x - 1$ b = -1



Classwork

• Pg 435 # 6-11

Homework

• Page 436 # 15-21