Honors Algebra 2 Notes

Name ___

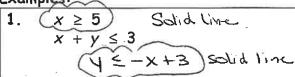
Key

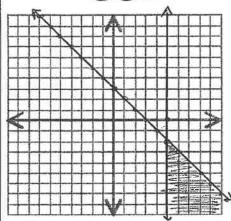
3.2 Graph Systems of Linear Inequalities

To Graph Systems of Inequalities:

- 1. Graph each inequality on the same coordinate plane. Shade lightly!
- 2. The solution is the intersection of the shaded regions.

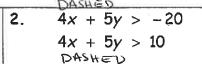
Examples:

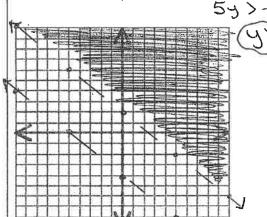




Is (5,-2) a solution to the system? Upo

Is (51,-96) a solution to the system?

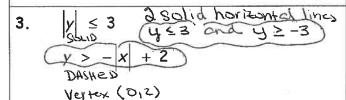


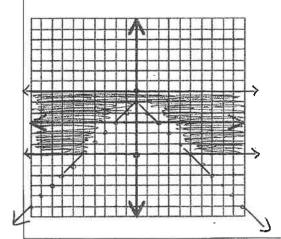


What would be the solution to:

$$4x + 5y < -20$$

$$4x + 5y > 10$$





4. $x-y \le 7$ $y \ge x-7$ Solid x > 2 x > 2 x > 3 x > 4 x > 3 x > 4 x > 4 x > 4 x > 5 x > 6

