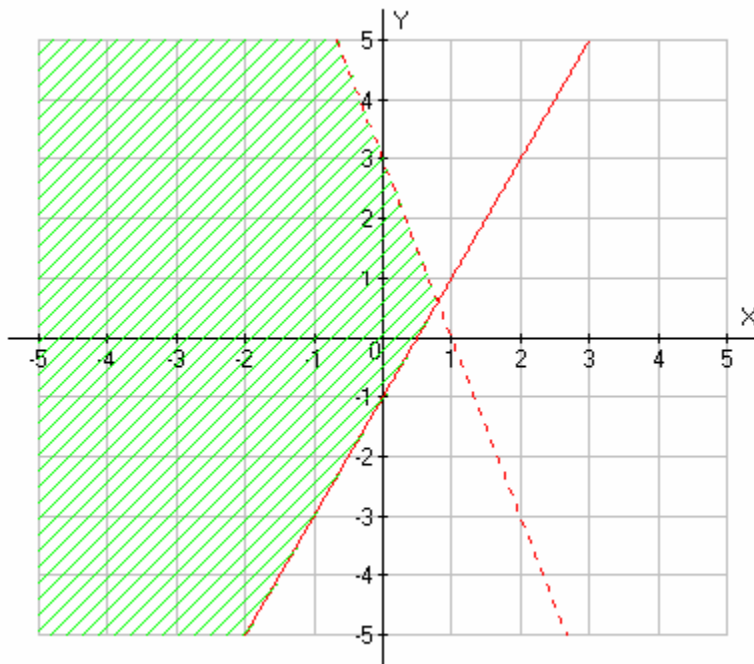


Algebra 2
Unit: Systems of Equations and Inequalities
Section: Systems of Linear Inequalities

Review Worksheet Key

1) Tell whether each point is a solution or not a solution to the following system of inequalities.



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a. (-2, 1)

This point is in the shaded region, so it is a solution.

b. (2, 1)

This point is not in the shaded region, so it is not a solution.

c. (0, 2)

This point is in the shaded region, so it is a solution.

d. (2, 0)

This point is not in the shaded region, so it is not a solution.

e. (-1, -3)

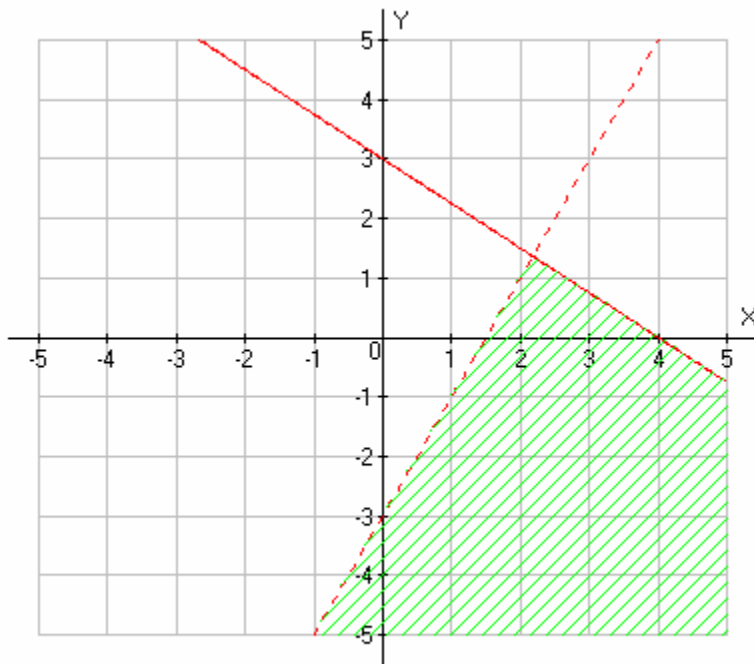
This point lies on the solid line. The points on the solid line are part of the solution set, so this point is a solution.

f. (0, 3)

This point lies on the dotted line. The points on the dotted line are not part of the solution set, so this point is not a solution.

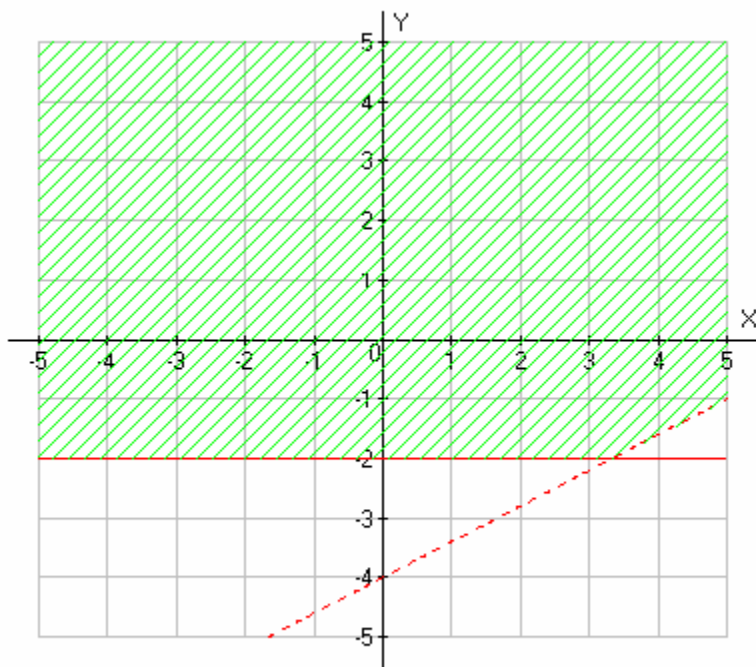
2. Graph the following systems of inequalities.

a. $2x - y > 3$
 $3x + 4y \leq 12$



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b. $y \geq -2$
 $3x - 5y < 20$



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