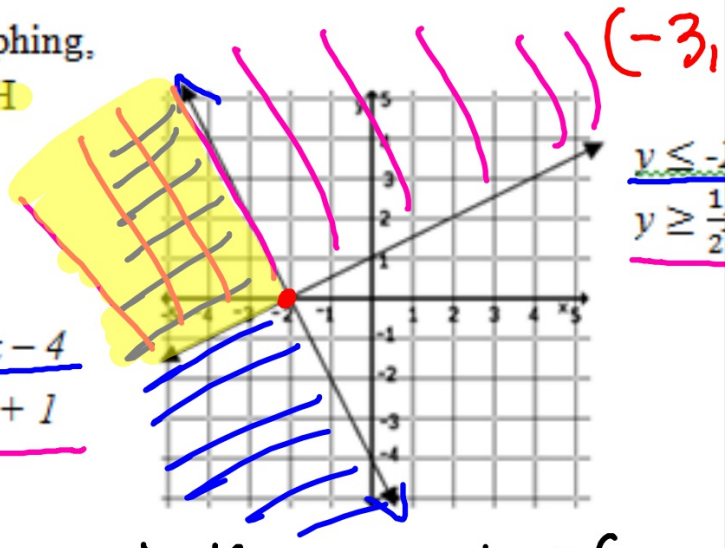
to solve systems of inequalities by graphing,
to shade the region that satisfies BOTH
ies.



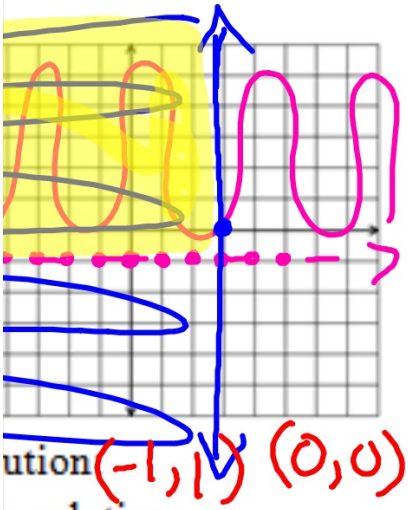
nple, in the system to the right, we
de: below the line $y = -2x - 4$
above the line $y = \frac{1}{2}x + 1$

on is a point (or coordinate) that satisifies both inequalities. (Makes both inequalities t
e points solutions to the system above?

Y/N (-1, 5) Y/N (-4, -3) Y/N (2,2) Y/N (4, -3)

one more solution (-4,1) and one non-solution (-3,2)

(-3,1) (-4,2)




ution

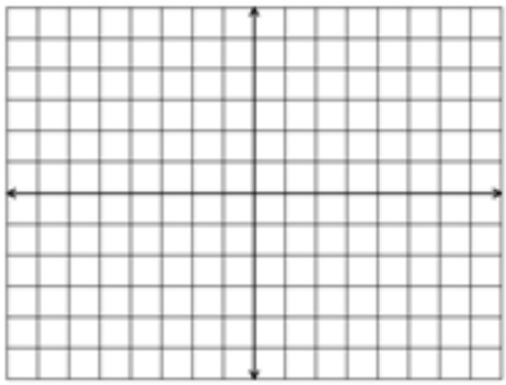
n-solution:

(3,2)

(4,1)

$y \leq x$

$y < -x$

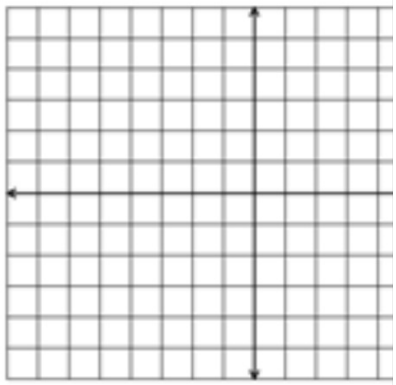


One solution:

One non-solution:

$x + y > 3$

$y - x \geq 2$



One solution:

One non-solution: