

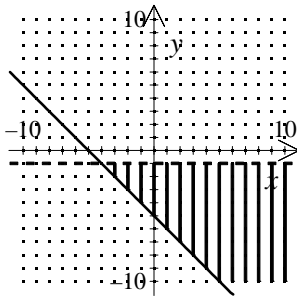
*P.I. A.G.7: Graph and solve systems of linear equations and inequalities with rational coefficients in two variables*

1. Solve the system graphically:

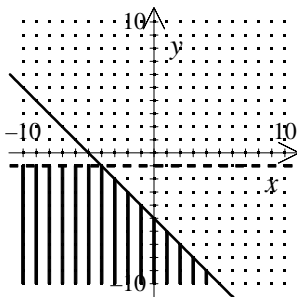
$$y \geq -x - 5$$

$$y < -1$$

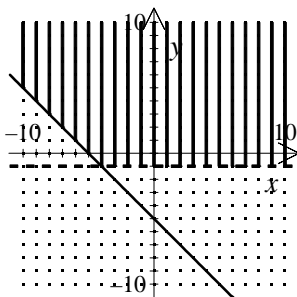
[A]



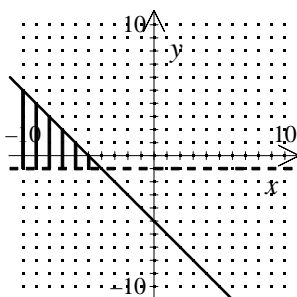
[B]



[C]



[D]

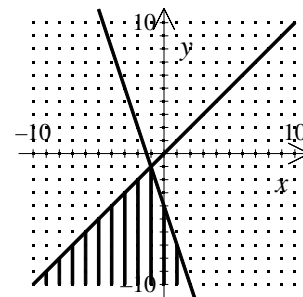


2. Solve the system graphically:

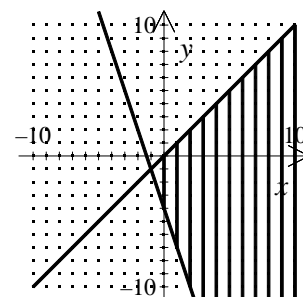
$$y \geq -3x - 4$$

$$y \leq x$$

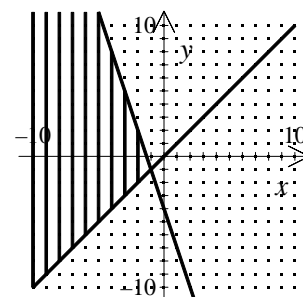
[A]



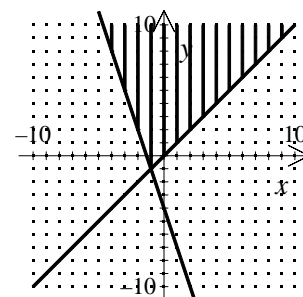
[B]



[C]



[D]



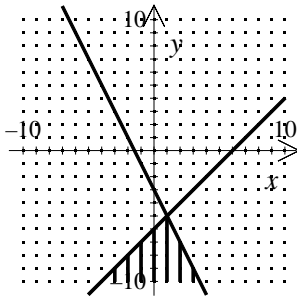
NAME: \_\_\_\_\_

3. Solve the system graphically:

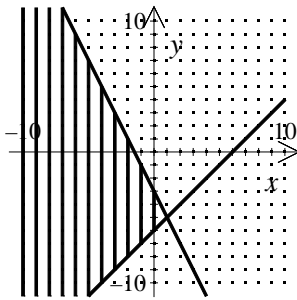
$$y \geq -2x - 3$$

$$y \geq x - 6$$

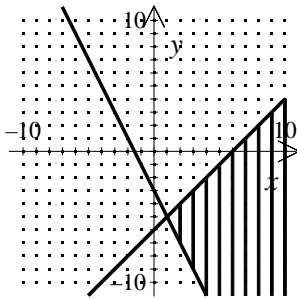
[A]



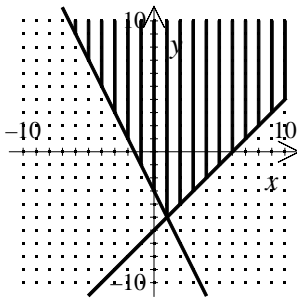
[B]



[C]

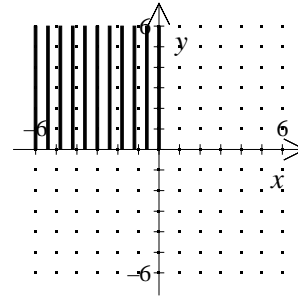


[D]

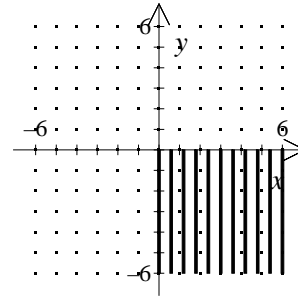


4. Which graph describes all the points in quadrant IV?

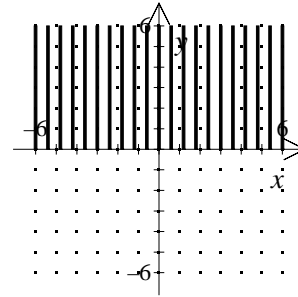
[A]



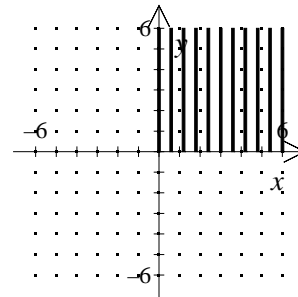
[B]



[C]



[D]



Integrated Algebra Practice: A.G.7 #4

[www.jmap.org](http://www.jmap.org)

[1] A

[2] B

[3] D

[4] B