

December 4th

Due Next Class: HW 5.2

Unit: Systems - Part 1

Quiz Tomorrow

Lesson 5.2 Graphing Systems Poster

Get Ready:

Graph the following systems:

1) $y < -2x - 1$

2) $4x - y > 3$

$y \leq -(1/2)x + 2$

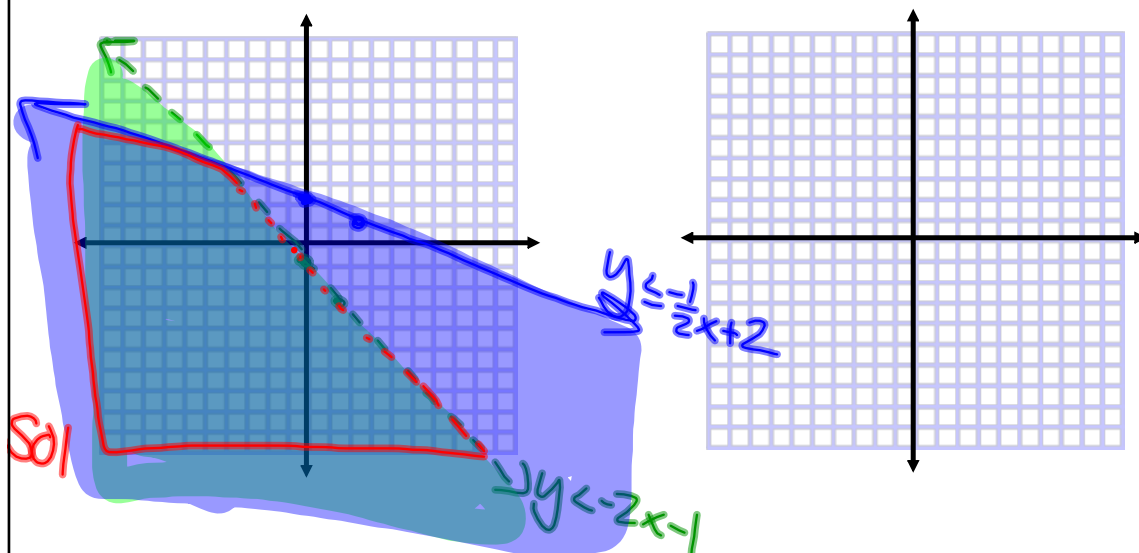
$8x - 2y < -6$

1) $y < -2x - 1$

2) $4x - y > 3$

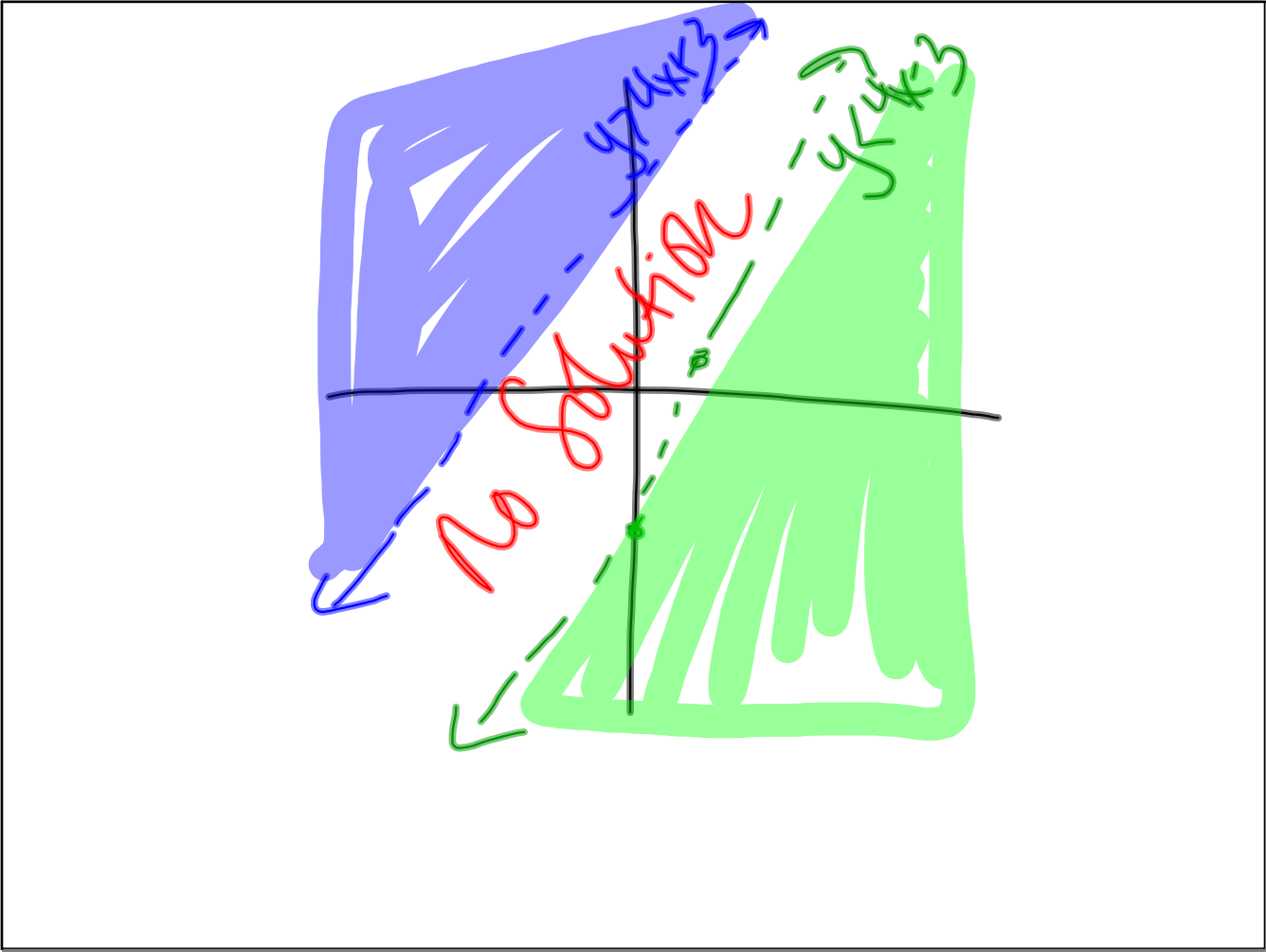
$$y \leq -\frac{1}{2}x + 2$$

$$8x - 2y < -6$$



$$\begin{array}{r} 2) \quad 4x - y > 3 \\ \quad \underline{-4x \quad -4x} \\ \quad -y > -4x + 3 \\ \quad \quad \underline{-1 \quad -1} \\ \quad \quad y < 4x - 3 \end{array}$$

$$\begin{array}{r} 8x - 2y < -6 \\ \quad \underline{-8x \quad -8x} \\ \quad 2y < -8x - 6 \\ \quad \quad \underline{-2 \quad -2} \\ \quad \quad y > 4x + 3 \end{array}$$



HW Review

$$\begin{array}{r} x + 3y = 3 \\ -x \quad -x \end{array}$$

$$\begin{array}{r} 3y = -x + 3 \\ 3 \end{array}$$

$$\begin{aligned} y &= \frac{-x}{3} + 1 \\ &= -\frac{1}{3}x + 1 \end{aligned}$$

Solving Systems of Equations- Solution Poster

Part I:

1. Graph system of 2 equations.
2. Graph system of 2 inequalities.
3. Describe solution sets.
4. Graph 3-equation system.

Part II:

5. Graph and find equations of a system of functions.

Work in Groups:

Alg C:

Monia, Taj, HeiberRuby, Zac, Rossaly, HeiberCaden, Ariana, Marley, Alex

Maryam, Nikki, Huley, maria

~~Alex, Bridgette~~, Jasmine

Matt, Brianly, Jaileen

Jasmine, ~~Matt~~

Alg E:

Natalie, Jennifer

Jormaris, Anelie, Tom

Tommy, Nathan, Gabby

Layth, Kayin, Yanilsa

Matthew, Halley, Jayda

Jonah, Daniel, Neyse

Solving Systems of Equations- Solution Poster



Recap	
Key Points	
Next Class: mini quiz!	Due Next Time: HW5.2

