

Lesson Plans (O'Mara) 01.17.17 to 01.20.17

Daily:

- Entry/Warm Up/Debrief/This Day in History [10 minutes]
- Problem of the Day [5 minutes]
- Transition [4 minutes]

Tuesday 01.17 Use two equations (not in slope intercept form) to answer questions and eventually solve a real-world application

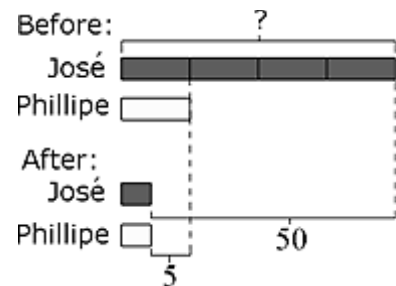
- A Different Sort of Penny Lab <http://betterlesson.com/lesson/441478/pennies-lab-introduction-to-systems-of-equations-day-1-of-2>
- Lab modified to use desmos for graphing, more questions for understanding at the end

Wednesday 01.18 Determine if a system has one solution, no solution, or infinite solutions by graphing or inspecting and comparing equations //Write a system of equations from a graph //Solve a system of equations by graphing

- Review homework, hand out new HW
- I do: Foldable, 3 types of systems (photos here <http://mathequalslove.blogspot.com/2012/09/newest-algebra-2-interactive-notebook.html>) and foldable #2: <http://www.carliseschools.org/webpages/wolfer/files/go%20graphing%20method1.pdf>
- We do: Pull out examples from this slideshow: <http://www.carliseschools.org/webpages/wolfer/files/sb%20notes%20graphing%20method.pdf>
- You do: Edit to use "number of solutions" language <http://www.carliseschools.org/webpages/wolfer/files/practice%20graphing%20method.pdf>

Thursday 01.19 Solve systems by substitution

- Solving systems by graphing quiz
- I do: Intro/foldable out of this question: José had 4 times as many trading cards as Phillipe. After José gave away 50 cards to his little brother and Phillipe gave 5 cards to his friend for this birthday, they each had an equal amount of cards. Write a system to describe the situation and solve the system.



- We do: analogous problem
- You do: Practice problems from Kuta and word problems from textbook

- Exit Ticket tomorrow

Friday 01.20 *Solve systems by substitution*

- Warm Up Quiz
- I do: video on substitution
- We do: Pairs Check substitution activity
<file:///C:/Users/amanda.omara/Downloads/PairsCheckActivitySolvingSystemsofEquationsSubstitutionMethod.pdf>
- You do: Graphing vs. Substitution partner activity
<file:///C:/Users/amanda.omara/Downloads/SystemsofEquationsGraphingvsSubstitutionPartnerActivity.pdf>
- MathXL CFS and finish sign up