

**March 11-15**

**Last week - student struggled with completing activities as knowing multiples to create additive inverses quickly to complete tasks. Therefore this week is a continuation of last week's lessons.**

**Monday:**

**Objective:**

Teach Elimination method (phase 3+) as multiplying both equations to create additive inverses to find the solution (x, and y) of the system

**Activity:**

Warmup: with review problem to show a no solution problem as variables both are eliminated

$$2x + 3y = 40$$

$$8x + 12y = 150$$

**NEW step is when both equations need to be multiplied --- LCM review**

Complete worksheet from 5.3 Bigideasmath Algebra student journal book

**13.**  $4x + 3y = 21$

$$5x + 2y = 21$$

**14.**  $-3x - 5y = -7$

$$-4x - 3y = -2$$

**15.**  $8x + 4y = 12$

$$7x + 3y = 10$$

**16.**  $4x + 3y = -7$

$$-2x - 5y = 7$$

**17.**  $8x - 3y = -9$

$$5x + 4y = 12$$

**18.**  $-3x + 5y = -2$

$$2x - 2y = 1$$

**Tuesday:**

Continuing with the Objective: Use ELIMINATION Method to solve a system of equations.

Activity:

Use Student Practice A worksheet to complete from section 5.3 Algebra

**Wednesday:**

Continuing with the Objective: Setup problems and then use ELIMINATION Method to solve a system of equations.

Activity:

Start the worksheet from KUTA application problems and setting them up to solve the system

2) The difference of two numbers is 3. Their sum is 13. Find the numbers.

3) Flying to Kampala with a tailwind a plane averaged 158 km/h. On the return trip the plane only averaged 112 km/h while flying back into the same wind. Find the speed of the wind and the speed of the plane in still air.

Use link off youtube so student can copy and learn as teacher helps other students in room also.

<https://www.youtube.com/watch?v=OxYKabqmi4c>

**Thursday Mar 7**

Continuing with the Objective: Use ELIMINATION Method to solve a system of equations.

Activity:

Complete the Kuta worksheet # 5-8

<https://www.youtube.com/watch?v=uiNfc5Ax7uk>

**Friday Mar 8**

Objective: Be assessed on elimination method

Activity: Test with notes similar to problems shown in practices  
Complete worksheet Practice Puzzletime 5.3 as a quiz