Feb 26 - Mar 1:   Week
Last week the student was absent 4 of the 5 days so lessons are very similar and redoing most.

Monday

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

Activity: Work with Teacher to review yesterday's notes and complete this problem

Work with a partner. You purchase a drink and a sandwich for $4.50. Your friend purchases a drink and five sandwiches for $16.50. You want to determine the price of a drink and the price of a sandwich.

a. Let x represent the price (in dollars) of one drink. Let y represent the price (in dollars) of one sandwich. Write a system of equations for the situation. Use the following verbal model.

$$\begin{matrix} \text{Number} \\ \text{of drinks} \end{matrix} \cdot \begin{matrix} \text{Price} \\ \text{per drink} \end{matrix} + \begin{matrix} \text{Number of} \\ \text{sandwiches} \end{matrix} \cdot \begin{matrix} \text{Price per} \\ \text{sandwich} \end{matrix} = \begin{matrix} \text{Total} \\ \text{price} \end{matrix}$$

Label one of the equations Equation 1 and the other equation Equation 2.

Solve by elimination method: The first step for setting up method is already completed

Is the solution the same using both methods? Which method do you prefer?

a. $3x - y = 6$
$3x + y = 0$

b. $2x + y = 6$
$2x - y = 2$

c. $x - 2y = -7$
$x + 2y = 5$

Solve by elimination method: The first step NEEDS to be done to create an eliminated variable.

$2x + y = 7$ Equation 1
$x + 5y = 17$ Equation 2

Tuesday Feb 27

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

Activity: Complete worksheet from 5.3 Bigideasmath Algebra student journal book # 1-6

Extra Practice

In Exercises 1–18, solve the system of linear equations by elimination. Check your solution.

1. $x + 3y = 17$
    $-x + 2y = 8$

2. $2x - y = 5$
    $5x + y = 16$

3. $2x + 3y = 10$
    $-2x - y = -2$

4. $4x + 3y = 6$
    $-x - 3y = 3$

5. $5x + 2y = -28$
    $-5x + 3y = 8$

6. $2x - 5y = 8$
    $3x + 5y = -13$

Wednesday Feb 28:

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

Activity: Complete worksheet from 5.3 Bigideasmath Algebra student journal book # 7-15

Thursday Feb 29

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

Activity:

Complete worksheet from 5.3 Bigideasmath Algebra student journal book # 16-18

Complete worksheet Practice Puzzletime 5.3 as review for quiz tomorrow

Friday Mar 1

Objective: Be assessed on elimination method

Activity   Test with notes similar to problems shown in practices