

## Middle School Math Outreach Learning

Apr 7-Apr 9, 2020

### 8<sup>th</sup> Grade Math Week of Apr 7-9

If there are any questions,  
please feel free to email me/us at:

Please access your lessons in our  
TEAMS folder on your computer.

Previous Lessons:  
Equations with Variables on both sides

Mrs. Faith Miller  
millerd@lpsd.org

[1<sup>st</sup> Period](#)  
[4<sup>th</sup> Period](#)  
[6<sup>th</sup> Period](#)

*Please subscribe to my Remind 101*

Text your class code to 81010

7<sup>th</sup> PreAp: @MillerDPAP

8<sup>th</sup> Regular: @MillerDReg

### Objectives

Objective / I Can:

- I can solve equations with variables on both sides of the equal sign.
- I can combine like terms and solve multi-step equations.

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**Activities**

Tuesday, April 7<sup>th</sup>: Equations with Variables on Both Sides

1) [Video Lesson](#)

If you have a printer available, you can print this page to follow along with the video.  
If not, simply grab a piece of notebook paper, copy the following problems and follow along.

$$mx \pm b = mx \pm b$$

Carnival M charges an \$8 entrance fee and \$4 per ticket. Carnival X charges a \$12 entrance fee and \$2 per ticket.	Jerry's job pays him \$40,000 base salary plus a \$4,000 increase each year. Martin's job pays him \$50,000 base salary plus a \$2,000 increase each year.	Aquarium 1 contains 23 gallons of water. Aquarium 2 contains 50 gallons of water. Louise is filling Aquarium 1 at a rate of 2 gallons per minute, and he is draining Aquarium 2 at a rate of 5 gallons per minute.
Write the Equation Below	Write the Equation Below	Write the Equation Below
How many ticket must be sold for the cost of Carnival M and X to be the same?	How many years must Jerry and Martin work for their yearly income to be the same?	After how many minutes will both aquariums contain the same amount of water?

*Not making sense? See if this [video](#) will help you out!*

2) [Quizizz](#) **(FOR GRADE)** □ When starting your game, make sure that you are using your first and last name. Any participants without names, will NOT be counted. If you are not pleased with your grade, you may try one more time. *Your grade will be the average of your first two attempts.*

1<sup>st</sup> Period: 908871

4<sup>th</sup> Period: 054567

6<sup>th</sup> Period: 181445

3) Want more practice? [GetMoreMath](#) Practice Set

Student Login → User name LastNameFirstInitialLunch# (EX: millerd123456)  
Example Password Computer Password (EX: ABCD1234)



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Thursday, April 9<sup>th</sup>: Multistep Equations

1) [Combining Like Terms](#) Comedy

2) [Combining Like Terms](#) Video Lesson

*Not making sense, try this [video](#)?*

3) Forms Homework **(FOR GRADE)**

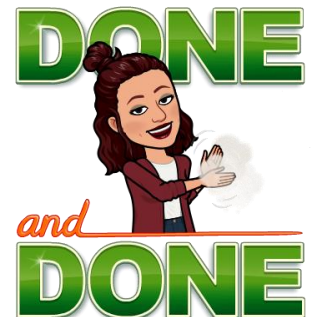
When you click on your class link, you may be prompted to login to your student e-mail.  
You will only have one attempt to complete this form so take your time!

<a href="#">1<sup>st</sup> Period</a>	<a href="#">4<sup>th</sup> Period</a>	<a href="#">6<sup>th</sup> Period</a>
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4) Want more practice? [GetMoreMath](#) Practice Set

Student Login Example →

User name	LastNameFirstInitialLunch# (EX: millerd123456)
Password	Computer Password (EX: ABCD1234)



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### Academic/Instructional Support

Schedule:

Students should begin work on Tuesday, 4/7 and should be completed no later than Monday, 4/13 at 8 a.m.



The last day of the 5<sup>th</sup> grading Period is April 9th. We want you guys to enjoy the four-day weekend, so please try and have your assignments completed early.

Report Cards will be mailed out by the district on April 17.

Office Hours:

Wednesday: 9 – 11

Friday: 1 – 3

### To Be Graded

Assignment for students to submit:

**Tuesday** - The students will complete **Quizziz** on Tuesday April 7th. You may take it more than once and the average of the first two attempts will be recorded.

**Wednesday** - The students will submit their **Microsoft Form** with their completed answers on Apr 9th. All questions on the form are required to be answered before submission. Incomplete submissions will not be accepted.

When is it due? All assignments are due no later than Monday, Apr 13th at 8 a.m.

\* School Holiday on Friday Apr 10 and Monday Apr 13. We encourage you to take a break and spend time away from schoolwork so please get your work completed early.

All assignments are to be submitted electronically, except by individual arrangement.