

Middle School Math Outreach Learning
May 18-May 22, 2020

8th Grade Math **Week of May 18**

If there are any questions,
please feel free to email me/us
at:
ruizsa@lpisd.org

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

Previous Lessons: slope and y
intercept; equations from a
graph

If you've made it this far—
CONGRATULATIONS!!!

I'm so proud of how so many of you
have done your best during these
difficult times.

I miss you all so much.

As always, do your best on the
assignments, watch the videos first,
and don't wait until the last minute
to do the tasks.

Objectives

Objective / I Can:

- I can determine the proportionality of tables, graphs, and word problems.

Activities

Lesson 1: Proportional Graphs and Tables

Proportional

Proportional

x	3	6	9	12
y	-6	-12	-18	-24

Slope (m) = _____

x	-7	-3	1	5	9	13
y	-28	-12	4	20	36	52

Slope (m) = _____

Non-Proportional

Non-Proportional

x	2	4	6	8
y	50	90	130	170

x	3	6	9	12
y	5	-1	-7	-13

CODE: 3901840

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Lesson 2: Finding Slope from a Proportional Table

- [Video Lesson](#) - If you have access to a printer, you can print this page. If not, you can follow along on a piece of notebook paper.

Proportional	Non-Proportional
Rule: 1) Jenny is joining a gym near her house. There is no sign-up fee, but the monthly cost is \$100 per month. 2) A water tank was empty, but began to fill with 20 liters of water per minute.	Rule: 1) Susan signed up for a new gym in her neighborhood. The sign-up fee was \$100 and she will be charged \$50 per month of her membership. 2) Diane started 10 chickens on her farm. Each week, her neighbor is giving her an additional 5 chickens.
Write P or NP next to each statement:	
1) Doris had an empty pool. She began to fill her pool with 50 gallons of water per hour.	_____
2) Janet paid \$10 to sign-up for Xfinity, and pays \$45 per month for her membership.	_____
3) Tyler started her button collection with 20 buttons. Each week, she buys 5 more buttons for her collection.	_____
4) A restaurant is currently empty with no customers. Every hour, the restaurant gains 12 customers.	_____
5) Larry's phone currently has 570 text messages. Every minute, he is receiving 5 more text messages.	_____


- Forms Homework (**FOR GRADE**)

[Link to Forms Assignment](#)

Academic/Instructional Support

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Schedule:	Students should begin work on Monday, 5/18 and should be completed no later than Tuesday May 26th at 8 a.m.
Office Hours	<div><p>* This is the last week of assignments with a holiday on Monday the 25th. Try and complete your assignments early so you can get the help needed and turn-in any assignments not already completed.</p><p>Wednesday 1-3 but available by email during regular business hours.</p></div>

To Be Graded

Assignment for students to submit:

Part 1 - The students will complete and submit their **Quizizz**. You may take it more than once and the average of the first two attempts will be recorded.

Part 2 - The students will complete the Microsoft form Quiz. You will only have one opportunity so make sure you watch the videos and do your best!!

When is it due? All assignments are due no later than Tuesday May 26th at 8 a.m.

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