Mrs. Logan Advanced Math
Week 28: March 12-15

Module 4: Graphs of Linear Equations and Systems of Linear Equations
Topic A: Graphs of Linear Equations in Two Variables

	Monday March 11th	Tuesday March 12th	Wednesday March 13th	Thursday March 14th	Friday March 15th
Lesson	No School: Teacher Inservice	Lesson 4: Comparing Proportional Relationships	Module 4 Topic A Quiz	Lesson 5: Proportional Relationships and Slope	Lesson 6: Slopes of Rising Lines and Falling Lines
Pages		57-73	5-73	77-90	91-104
We will…		compare unit rates represented in different ways.	determine soultions to linear equations and graph on the coordinate plane.	learn another way to describe the steepness of a line and relate it to the unit rate.	find slopes of lines that do not pass through the origin.
Bell Ringer		Filling a Cylinder	Quiz Prep	Which is Steeper?	Equivalent Fractions Sprint
Exit Ticket		Which is Steeper?	Quiz Feedback	Find the Slope	Find and Graph Slope
I will...		use unit rates to compare steepness of lines representing proportional relationships.	solve linear equations, graph the infinite solutions and understand proportional relationships as linear.	relate the unit rate as the slope of a proportional relationship.	find slopes of rising and falling lines by using slope triangles.
Reminders			M4TA Quiz		Sprint today for a grade.

State Standards	8.EE.BUnderstand the connections between proportional relationships, lines, and linear equations.
	8.EE.B.5Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.
	8.EE.B.6Use similar triangles to explain why the slope m is the same between any two distinct points on a non-vertical line in the coordinate plane; derive the equation y = mx for a line through the origin and the equation y = mx + b for a line intercepting the vertical axis at b.
	8.EE.C.8.aUnderstand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.
	8.EE.C.8.bSolve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection

8.EE.C.8.cSolve real-world and mathematical problems leading to two linear equations in two variables.