

**Mrs. Logan Advanced Math**  
**Week 31: April 8-12**

**Module 4: Graphs of Linear Equations and Systems of Linear Equations**  
**Topic C: Solving Systems of Linear Equations**

	Monday April 8th	Tuesday April 9th	Wednesday April 10th	Thursday April 11th	Friday April 12th
Lesson	Lesson 13: More than One Solution	Lesson 14: Solving Systems of Linear Without Graphing	Lesson 15: The Substitution Method	Lesson 16: Choosing a Solution Method	Module 4 Topic C Quiz
Pages	189-201	203-216	217-231	233-244	163-244
We will...	represent lines of unique relationships and analyze systems of equations to determine the number of solutions.	learn a new method for finding an exact solution to a system of equations.	use the substitution method in new ways to solve systems of linear equations.	find solutions to many systems of linear equations by determining the most efficient method.	analyze systems of linear equations to determine the number of solutions.
Bell Ringer	Slope-Intercept Form	Multi-Step Equations Sprint	No Common Expression	Most Efficient Method	Quiz Prep
Exit Ticket	One, No or Infinitely Many	Substitution Method	Substitution Method	Any Method and Why	Quiz Feedback
I will...	analyze whether a system of a linear equation has only one solution, no solution or infinitely many solutions.	solve systems of linear equations by using the substitution method to write the systems as linear equations in one variable.	apply the multiplication property of equality as part of the substitution method.	construct and critique arguments about the most efficient solution method.	solve systems of linear equation (algebraically and by graphing) and determine the number of solutions.
Reminders		Sprint for a grade.		Gallery Walk for a grade.  Study Guide going home today.	
State Standards	8.EE.B Understand the connections between proportional relationships, lines, and linear equations.				
	8.EE.C.8.a Understand 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.b Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection.				