Mrs. Logan Advanced Math
Week 6: September 18-22

Module 2: One- and Two-Variable Equations
Topic B: Multi-Step Equations and Their Solutions

	Monday September 18th	Tuesday September 19th	Wednesday September 20th	Thursday Septmber 21st	Friday September 22nd
Lesson	Lesson 7: Solving Multi-Step Equations	Lesson 8: Solving Equations with Rational Coefficients	Lesson 9: Linear Equations with More Than One Solution	Lesson 10: Another Possible Number of Solutions	Lesson 11: Using Linear Equations to Sole Real-World Problems
Pages	111-130	131-147	149-159	161-172	173-186
We will…	solve equations that have a variable on both sides of the equal sign.	examine another strategy to solve equations that have rational numbers and linear terms on both sides.	solve linear equations that have more than one solution	use an equation to explore a riddle and use the structure of an equation to write examples of equations with different numbers of solutions.	use a variety of strategies to answer questions about real-world situations.
Bell Ringer	Variables on Both Sides	Challenging Equations	Clever Trick?	Number Riddle	Write a Situation
Exit Ticket	Solving and Determining if Linear	Solve and Check	Number of Solutions	Agree or Disagree?	Trampoline Park
I will...	solve multi-step equations in one variable with variables on both sides of the equations and determine if an	solve multi-step equations in one variable with rational coefficients	determine if and solve linear equations that have one or infinitely many solutions.	write linear equations that have only one solution, infinitely many solutions, or no solution.	solve real-world problems by using linear equations in one variable.
Reminders			Equivalent Expressions Sprint for a grade. Quality not quantity!		Module 2 Topic B (M2TB) Study Guide posted on my Canvas by end of school today.
State Standards	7.EE.B.3. Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form; convert between forms as appropriate; and assess the reasonableness of answers using mental computation and estimation strategies.				
	7.G.B.5. Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and solve simple equations for an unknown angle in a figure.				
	8.EE.C.7.a Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form $x = a$, $a = a$, or $a = b$ results (where a and b are different numbers).				
	8.EE.C.7.b Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.				