Mrs. Logan Advanced Math
Week 34: April 30 - May 3rd

Module 2: One- and Two-Variable Equations

	Monday April 29th	Tuesday April 30th	Wednesday May 1st	Thursday May 2nd	Friday May 3rd
Lesson	School Cancelled	Lesson 2: Using Equivalent Expressions to Solve Equations	Lesson 3: Solving Equations	Lesson 7: Solving Multi-Step Equations	Lesson 8: Solving Equations with Rational Coefficients
Pages		27-41	43-58	111-130	131-147
We will…		write and identify equivalent expressions and use them to solve problems.	engage in a puzzle activity that can help us improve our skills in solving.	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.
Bell Ringer		Writing Equivalent Expressions	Scavenger Hunt	Variables on Both Sides	Challenging Equations
Exit Ticket		Fewest Terms and Factoring	Solve and Check Solutions	Solving and Determining if Linear	Solve and Check
I will...		generate equivalent expressions by using the properties of operations for linear expressions and solve equations in forms px+q=r, and p(x+q)=r where all variables are integers.	write and solve equations in forms px+q=r, and p(x+q)=r where all variables are rational numbers.	solve multi-step equations in one variable with variables on both sides of the equations and determine if an equation is a linear equation.	solve multi-step equations in one variable with rational coefficients

State Standards	7.EE.A.1Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients to include multiple grouping symbols (e.g., parentheses, brackets, and braces).
	7.EE.A.2Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.
	7.EE.B.4Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.
	8.EE.C.7.bSolve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.
	8.EE.C.7.aGive 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).