Mrs. Logan 7th Grade Math
Week 20: January 22-26

Module 3: Expressions, Equations and Inequalities

Module 4: Geometry
Topic A: Constructing Geometric Figures

	Monday January 22nd	Tuesday January 23rd	Wednesday January 24th	Thursday January 25th	Friday January 26th
Lesson	Module 3 Assessment	Module 3 Assessment	Lesson 1: Sketching Drawing and Constructing Geometric Figures	Lesson 2: Constructing Parallelograms and Other Quadrilaterals	Lesson 3: Side Lengths of a Triangle
Pages			7-21	23-41	43-54
We will…	extend work with rational numbers to simplify expressions and solve equations and inequalities.	extend work with rational numbers to simplify expressions and solve equations and inequalities.	use tools, including technology, to construct geometric figures.	use that knowledge to construct parallelograms and other quadrilaterals.	determine how to predict when a triangle can be formed with three given side lengths.
Bell Ringer	Assessment Prep	Assessment Prep	Protractor Intro	Protractor Practice	Making a Triangle
Exit Ticket	Assessment Feedback	Assessment Feedback	Constructing Vertical Angles	Constructing a Rectangle	Triangle Side Lengths
I will...	write expressions, equations and inequalities and solve them in real world scenarios.	write expressions, equations and inequalities and solve them in real world scenarios.	construct a figure with a given angle length.	construct paralellograms and other quadrilaterals when given conditions.	identify and understand what is needed to create a triangle.
Reminders					
State Standards	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.3Solve 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.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. 7.EE.B.4.aSolve word problems leading to equations of the form $px + q = r$ and $p(x + q) = r$, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach. 7.EE.B.4.bSolve word problems leading to inequalities of the form $px + q > r$, $px + q ≥ r$, $px + q < r$ or $px + q ≤ r$, where p, q, and r are specific rational numbers. Graph the solution set of the inequality and interpret it in the context of the problem. 7.G.B.5Use facts about supplementary, complementary, vertical, and adjacent angles in a multi-step problem to write and use them to solve simple equations for an unknown angle in a figure.				

7.G.A.2Draw (freehand, with ruler and protractor, or with technology) geometric shapes with given conditions.