Mrs. Logan Advanced Math
Week 3: August 28 - September 1

Module 1: Rational and Irrational Numbers and Module 2: One- and Two-Variable Equations

Module 1 Topic B: Multiply and Divide Rational Numbers and

Module 2 Topic A: Solving One-Variable Equations and Inequalities

	Monday August 28th	Tuesday August 29th	Wednesday August 30th	Thursday August 31st	Friday September 1st
Lesson	Lesson 8: Dividing Integers and Rational Numbers	Lesson 9: Decimal Expansions of Rational Numbers	Module 1 Topic B Quiz	Module 2 Pre-Test	Lesson 1: Finding Unknown Angle Measures
Pages	115-125	127-138	81-138		7-26
We will…	divide integers and rational numbers.	write rational numbers in decimal form.	multiply and divide rational numbers.	explore angle measures and solving one and two variable equations.	find unknown angle measures by writing and solving equations.
Bell Ringer	Comparing Quotients of Integers	Real-World Division	Quiz Prep		Identifying Angles and Angle Relationships
Exit Ticket	Equivalent Fractions and Division	Dividing and Bar Notation	Quiz Feedback		Determining Values
I will...	write rational numbers as quotients of integers and divide rational numbers given in different forms.	determine if decimal form of a rational number is terminating or repeating.	evaluate multiplication and division expressions involving negative rational numbers and how to write rational numbers in fraction form as decimals.	see what can be recalled about solving expressions and equations to solve a variety of problems.	use angle relationships to determine unknown angle measures and write and solve equations involving angles.
Reminders	Sprint today for a grade- Squares.	Study Guide to be reviewed in Math Lab.	Quiz today.		
State Standards	7.NS.A.3. Solve real-world and mathematical problems involving the four operations with rational numbers				
	7.NS.A.2.a. Understand that multiplication is extended from fractions to rational numbers by requiring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as $(-1)(-1) = 1$ and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.				
	7.NS.A.2.b. Understand that integers can be divided, provided that the divisor is not zero, and every quotient of integers (with nonzero divisor) is a rational number. If p and q are integers, then $-(p/q) = (-p)/q = p/(-q)$. Interpret quotients of rational numbers by describing realworld contexts.				
	7.NS.A.2.c. Apply properties of operations as strategies to multiply and divide rational numbers.				
	7.NS.A.2.d. Convert a rational number to a decimal using long division; know that the decimal form of a rational number terminates in 0s or eventually repeats.				
	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.				

7.EE.B.4.a. Solve 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.