Mrs. Logan 7th Grade Math
Week 10: October 16-20

Module 2: Operations with Rational Numbers
Topic C: Multiplying Rational Numbers
and
Topic D: Dividing Rational Numbers

	Monday October 16th	Tuesday October 17th	Wednesday October 18th	Thursday October 19th	Friday October 20th
Lesson	Lesson 15: Multiplying Rational Numbers	Lesson 16: Exponential Expressions with Rational Numbers	Module 2 Topic C Quiz	Lesson 17: Understanding Negative Dividends	Lesson 18: Understanding Negative Divisors
Pages	183-192	193-205	161-205	209-217	219-230
We will…	continue our exploration of multiplication with negative numbers to determine whether multiplication with rational numbers follows the same pattern as multiplication with integers.	evaluate exponential expressions that contain rational numbers.	understand multiplication as repeated addition to solve multiplication problems.	use the number bond and the number line to make sense of integer division problems.	examine how multiplication and division of integers are related, just as there were relationships between the whole-number multiplication and division facts that you worked with in this activity.
Bell Ringer	Determine the Sign	Equivalent Expressions	Quiz Prep	Find Fact Families	Dividing Fractions
Exit Ticket	Multiplying Rationals	Products as Exponents	Quiz Feedback	Making Groups	Find the Quotient
I will...	Extend knowledge of multplying integers to multiply rational numbers.	Extend knowledge of multplying integers to multiply rational numbers in all forms.	evaluate multiplication problems involving integers and rational numbers by recognizing patterns and understanding properties.	Model division and recognize limitations of the models when dividing integers.	Write division expressions as uknown factor equations to determine the value of the quotient.
Reminders	Multiplication of Integers Sprint for grade- quality over quantity.	Study Recaps from Lessons 13-16 and work practice problems in preparation for quiz.	M2TC Quiz		Mrs. Logan absent.
State Standards	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.c. Apply properties of operations as strategies to multiply and divide rational numbers.				

Standards	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.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.