

Unit Title:	Solve problems involving operations with integers and rational numbers unit 5			District Pacing and Unit 13
Unit Vocabulary:	Opposite Analyze Explore Compute Interpret Compare Order Represent Understand Algorithm Exhibit Identical Compare	Zero Multi-step problems Numerator Denominator Absolute Value Coordinate Plane Quadrant Perimeter Area Apply Differentiate Maximum Estimate Evaluate	Additive Inverse Additive Inverse Property Integer Rational Number System Number line Adding, Subtracting, Multiplying & Dividing Sum, Difference, Product & Quotient Order of Operations Expressions Standard algorithm Absolute Value Properties of Operations	

	Learning Target <i>(All Teachers)</i>	Instructional Plan <i>(Core Teacher)</i>	Standards	Level UP/Advisory Plans (Core Content Teachers) (Not NHI time)	Teacher Tips & Notes <i>(All Teachers)</i>
M O N	I can convert a repeating decimal into a rational number and write fractions as repeating decimals and repeating decimals as fractions including mixed numbers and complete 5/7 problems correctly on my wb page.	<u>Opening Strategy:</u> <u>Warm up cycle 2</u> day 3 <u>Core Lesson Activities:</u> <u>Slideshow</u> Lesson 2-Represent Rational Numbers- notes from class - Book pages - Tear out page 256 <u>Summarizing Activity:</u> Aleks/goblin	7.NR.1.1 8.NR.1.1 7.NR.2.1	Equations sheet #3 This unit is no calculator	Quiz Wednesday 9/2 Test 9/18
T U	I can write fractions as repeating decimals and repeating decimals as fractions including	<u>Opening Strategy:</u> Warm up cycle 2 day 4 <u>Core Lesson Activities:</u>	7.NR.1.1 8.NR.1.1 7.NR.2.1		

E	percentages, and represent rational numbers in decimal form including all mixed numbers, percentages and fractions by completing a goblin activity.	Slideshow Lesson 2-supplement lesson (focus on Mixed Numbers) <u>Summarizing Activity:</u> Assign this Goblin Fractions to Decimal Practice By J. Mullinnix on Aug 26, 2026 Blooket			
W E D	I can write fractions as repeating decimals and repeating decimals as fractions including percentages, and represent rational numbers in decimal form including all mixed numbers, percentages and fractions by getting an 85 or higher on today's quiz.	<u>Opening Strategy:</u> Warm up cycle 2 day 5 <u>Core Lesson Activities:</u> Slideshow Lesson 2-Grade/Quiz Today Color Sheet/Spiral review blooket for kids finished Quiz - Coloring sheet if finished (print) <u>Summarizing Activity:</u> Goblin Infinite Mode or ALEKS (teacher choice)	7.NR.1.1 8.NR.1.1 7.NR.2.1		
T H U	I can classify and order the subsets of real numbers in the number system including natural, whole, integer, rational, and irrational numbers by creating a human and ws venn diagram.	<u>Opening Strategy:</u> Warm up cycle 2 day 6 <u>Core Lesson Activities:</u> Slideshow - Rational and irrational numbers guided notes (print)- 2 to a page - Human Venn Diagram (print the numbers out for whole group- one copy)have students go to different sections in the room (rational, irrational, integer, whole, natural- go to most specific) - prezi example (use with the printed icecream review if needed) <u>Summarizing Activity:</u> Goblin infinite	8.NR.2.2 7.NR.2.1 8.NR.2.1		
F R	I can order rational and irrational numbers including inequalities to be able to compare	<u>Opening Strategy:</u> Warm Up cycle 2 day 7 <u>Core Lesson Activities:</u>	8.NR.2.2 7.NR.2.1 8.NR.2.1	Edpuzzle Questions ?	

I	quantities by creating a human number line.	Slideshow - Supplemental lesson on ordering rational and irrational numbers (Decimals, fractions, positive and negative) - What belongs what doesnt and Human Number line (print 1-4...two times) <u>Summarizing Activity:</u> Go over number line			
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9/7- no school