

Unit Title:	Solve problems involving operations with integers and rational numbers unit 5			District Pacing and Unit 13
Unit Vocabulary:	Convert Determine Exhibit Accurate Estimate Interval Visual Confirm Evaluate Utilize Compute Transform	Bar notation Exponent Irrational Number Repeating decimals Terminating decimal Zero Power Negative Exponent Sums, Differences, Products, Quotients Quotient Rational None Power of a Power Power of a Product	Learning Targets	

	Learning Target (All Teachers)	Instructional Plan (Core Teacher)	Standards	Level UP/Advisory Plans (Not NHI time)	Teacher Tips & Notes (All Teachers)
M O N D A Y		No School		Next equations sheet Also need to do the warm up grade like math 7	Minor Grade Friday
T U E S D A Y	I can simplify expressions that include zero and negative exponents, and show my understanding by completing a DESMOS activity.	Opening Strategy: Warm up cycle 3 day 1 (print new set) Motivational video Core Lesson Activities: Slideshow answer to handout is on last slide Lesson 5-Explore Patterns of Exponents Write rule, add variables each day) print slide 3	7.PAFR.3.1 7.PAFR.3.3 8.PAFR.3.3	minor grade using district quizzes on cycle 1 & 2. (80 points, plus 20 for their actual	Test 9/18

Monday		add onto daily. In blank space add definition, reminder strategy, or examples - Textbook practice page start at 270 - Zero and negatives today ** This can be printed for extra notesLaws of Exponents Graphic Organizer Summarizing Activity: Desmos Negative and Zero Exponents		copies in binder)	
Tuesday	I can generate equivalent numerical expressions using the Product and Quotient of Powers properties, and complete a workbook page with a partner.	Opening Strategy: Warm up cycle 3 day 2 Core Lesson Activities: Slideshow Lesson 6-Use Product and Quotient of Powers Properties day 1 - Write rule - Textbook practice page page 279	7.PAFR.3.1 7.PAFR.3.3 8.PAFR.3.3		
Wednesday	I can apply real-world situational problems to be able to generate equivalent numerical expressions using the Product and Quotient of Powers properties, by completing the DESMOS activity.	Opening Strategy: Warm up cycle 3 day 3 Core Lesson Activities: Slideshow Lesson 6-day 2 - Practice problems (print if you want or add answer to notes) - Work with a partner and use notes 1-20 - 21-27 work independent and no notes - Answer key - Alt. Assignment with groups (same questions just as a quest) Summarizing Activity: goblin/aleks	7.PAFR.3.1 7.PAFR.3.3 8.PAFR.3.3 Extra- Desmos Combining Exponents Activity		
Thursday	I can show my understanding of exponent laws (negative, zero and product/quotient of powers) by making an 80 or higher on a graded assignment.	Opening Strategy: Warm up cycle 3 day 4 Core Lesson Activities: Slideshow - Graded assignment (print 4 to a page) on negative, zero, product and quotient of powers. - Answer key Summarizing Activity: - Goblin activity	7.PAFR.3.1 7.PAFR.3.3 8.PAFR.3.3		

			Exponents Review 1 Scheduled for 10/1/2026, 12:00 AM • Due on 10/8/2026, 11:			
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