Name: Langteau		Grading Quarter: 4	Week Beginning: 1
School Year: 2024/2025		Subject: Algebra 1	
Monday	Notes:	Objective: Lesson Overview: No School- Professional Development	Academic Standards:
Tuesday	Notes: Exponent Rules Review	Objective: Students will be able to identify and apply exponent rules, including product, quotient, power, negative, and zero exponent rules, to simplify expressions. Lesson Overview: Students will review exponent rules through guided examples and practice problems. They will engage in a mix of individual and group activities to reinforce their understanding and correct common misconceptions	Academic Standards: HS.F-BF.A.1 – Write a function that describes a relationship between two quantities.
Wednesday	Notes: Rational Exponents	Objective: Students will be able to rewrite expressions with rational exponents as radical expressions and evaluate them using exponent rules. Lesson Overview: Students will explore the connection between rational exponents and radicals. They will practice converting between the two forms and solving expressions with fractional exponents.	Academic Standards: HS.N-RN.A.1 – Explain how the properties of integer exponents extend to rational exponents.

Thursday	Notes: Simplifying Radical Expressions	Objective: Students will be able to simplify radical expressions using exponent rules and properties of square roots. Lesson Overview: Students will work on simplifying radicals by factoring, rationalizing denominators, and applying exponent properties. They will engage in guided practice and collaborative problem-solving.	Academic Standards: HS.N-RN.A.2 – Rewrite expressions involving radicals and rational exponents using the properties of exponents.
Friday	Notes:	Objective: Students will be able to apply exponent and radical rules to simplify expressions and solve problems accurately. Lesson Overview: Students will complete a review activity covering exponent rules, rational exponents, and radical expressions. This will include practice problems, error analysis, and a structured review game to reinforce key concepts.	Academic Standards: HS.N-RN.A.2 – Rewrite expressions involving radicals and rational exponents using the properties of exponents.