



	Monday 2/19	Tuesday 2/20	Wednesday 2/21	Thursday 2/22	Friday 2/23
ACCRS (Objectives):	.(+) Understand the inverse relationship between exponents and logarithms, and use this relationship to solve problems involving logarithms and exponents. [F-BF5] 25. Compare effects of parameter changes on graphs of transcendental functions. Example: Explain the relationship of the graph $y = e^{x-2}$ to the graph $y = e^x$				
Before:	President's Day	*Quiz Review *Lesson: Base "e" and Natural Log	*ACT 20-in-20 (WorkKeys Testing)	*Homework Review	*ACT 10-in-10
During:		*Discuss Properties of Logarithms		*Lesson: Solving Logarithmic Equations	*Review Homework
After:		*Group Collaboration/HW Set *Khan Academy Assignment		*Group Collaboration /HW Set *Khan Academy Assignment	*Spiral Review Problems *Khan Academy Assignment
Desired Outcome:		Students will be able to solve problems dealing with exponentials and logarithms.	Students will practice ACT-style problems.	Students will be able to solve logarithmic equations	Students will review topics dealing with exponentials and logarithms. Students will practice ACT-style problems.
Formative/ Summative:		Student questioning during lesson/Khan Academy	Practice Test	Student questioning during lesson/Khan Academy	Student questioning during lesson/Khan Academy
Critical Questions:		<i>Explain what the graph of $f(x)=e^x$ looks like compared to $f(x)=\ln x$. Discuss the domain and range of the two functions. Explain the properties of logarithms (Product, Quotient, Exponent, Change of Base)</i>	<i>n/a</i>	<i>Explain how logarithmic properties can be used to solve log equations.</i>	<i>n/a</i>