

Video Title	Grade Level	Domain (Topic)	Cluster	Standard
Making Sense of Log Properties	HS - Algebra	Seeing Structure in Expressions	Interpret the structure of expressions	CCSS.MATH.CONTENT.HSA.SSE.A.2 Use the structure of an expression to identify ways to rewrite it. For example, see $x^4 - y^4$ as $(x^2)^2 - (y^2)^2$, thus recognizing it as a difference of squares that can be factored as $(x^2 - y^2)(x^2 + y^2)$.
	HS - Algebra	Creating Equations	Create equations that describe numbers or relationships	CCSS.MATH.CONTENT.HSA.CED.A.4 Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations. For example, rearrange Ohm's law $V = IR$ to highlight resistance R.
	HS - Algebra	Reasoning with Equations and Inequalities	Understand solving equations as a process of reasoning and explain the reasoning	CCSS.MATH.CONTENT.HSA.REI.A.1 Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.