Video Title	Grade Level	Domain (Topic)	Cluster	Standard
Solving for Exponents	HS - Algebra	Seeing Structure in Expressions	Interpret the structure of expressions	**CCSS.MATH.CONTENT.HSA.SSE.A.1 Interpret expressions that represent a quantity in terms of its context.**
				CCSS.MATH.CONTENT.HSA.SSE.A.1.B Interpret complicated expressions by viewing one or more of their parts as a single entity. For example, interpret P (1+r)n as the product of P and a factor not depending on P.
	HS - Algebra	Seeing Structure in Expressions	Write expressions in equivalent forms to solve problems	**CCSS.MATH.CONTENT.HSA.SSE.B.3 Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.**
	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.**
	HS - Algebra	Reasoning with Equations and Inequalities	Represent and solve equations and inequalities graphically	**CCSS.MATH.CONTENT.HSA.REI.D.11 Explain why the x-coordinates of the points where the graphs of the equations y = f(x) and y = g(x) intersect are the solutions of the equation f(x) = g(x); find the solutions approximately, e.g., using technology to graph the functions, make tables of values, or find successive approximations. Include cases where f(x) and/or g(x) are linear, polynomial, rational, absolute value, exponential, and logarithmic functions.**
	HS - Functions	Building Functions	Build new functions from existing functions	**CCSS.MATH.CONTENT.HSF.BF.B.5 Understand the inverse relationship between exponents and logarithms and use this relationship to solve problems involving logarithms and exponents.**