

Unit 5 - Exponential & Logarithmic Functions: Sample Unit Outline

	TOPIC	HOMEWORK
DAY 1	Graphing Exponential Functions	HW #1
DAY 2	Solving Exponential Equations (using common bases)	HW #2
DAY 3	Quiz 7-1	None
DAY 4	Intro to Logarithms: Converting Exp/Log Forms, Base 10 Logs, Evaluating Simple Logs, Change of Base Formula	HW #3
DAY 5	Properties of Logarithms; Condensing & Expanding Logs	HW #4
DAY 6	Graphing Logarithmic Functions	HW #5
DAY 7	Quiz 7-2	None
DAY 8	Solving Logarithmic Equations	HW #6
DAY 9	Solving Exponential Equations using Logs	HW #7
DAY 10	Review: Solving Exponential/Logarithmic Equations	HW #8
DAY 11	Quiz 7-3	None
DAY 12	Base e , Natural Logs	HW #9
DAY 13	Applications of Exponential Functions: Exponential Growth & Decay/Compound Interest	HW #10
DAY 14	Modeling with Exponential/Logarithmic Functions; Choosing the Best Model (Lin, Quad, Cub, Quart, Exp, Ln)	HW #11
DAY 15	Unit 7 Review	Study for Test
DAY 16	Unit 7 Test	None

See sample images of the pages on the next page.