

Honors Precalculus



Chapter 3 - Exponential & Logarithmic Functions



<u>Day</u>	<u>Topic</u>	<u>Assignment</u>	<u>Presented Problems</u>	<u>Presenters</u>
1	3.1 Exponential Functions, Their Graphs and Transformations	Pg 189 9, 11, 13, 14, 15 (graph by making a table for 9-15), 17-20, 21, 23, 27	11, 27	
2	3.1 Compound Interest, Graph $y=ae^{bx}$, Applications	Pg 189 47, 48, 49, 67, 69, 79, 80c	47, 67	
3	3.2 Definition of Logarithms and Basic Properties	Pg 199 7, 9, 13, 15, 17, 19, 23, 25, 27, 61, 63, 65, 73	7, 23	
4	3.2 Graphs of $\log_a(x)$, $\ln(x)$, and Transformations	Pg 199 45, 46, 51, 53, 59, 41, 89, 91	45, 41	
5	3.3 Log Properties (no change of base)	Pg 207 49, 51, 53, 55, 57, 63, 69, 71, 75, 77, 79	57, 77	
6	Review 3.1 - 3.3 (Work Day)	Pg 244 9, 5-8, 13, 19, 22ab, 23-26, 33-36, 39, 45, 63, 64, 67, 69, 71, 73, 75, 77, 59		
7	Quiz 3.1 - 3.3	ACT Practice?		
8	3.4 Solving Exponential Functions	Pg 217 7, 23, 25, 35, 55, 57, 59, 63, 71, 91, 143	55, 63	
9	3.4 Solving Log Functions	Pg 217 93, 95, 99, 103, 105, 109, 111	99, 109	
10	3.5 Writing Exponential Growth and Decay Equations from Points	Pg 228 36a (Canada & Hungary), 13, 15, 21, 35ac, 39	36a Can, 15	
11	3.5 Log and Logistic Models (no Gaussian)	Pg 228 53, 54, 55, 56, 47ab, 48ab, 49, 51, 46bcd	51, 46bcd	
12	Quiz 3.4 - 3.5			
13	Chapter 3 Practice Test	Finish Practice Test and Study		
14	Chapter 3 Test			