

Exponential, Logistic, and Logarithmic Functions

<u>Date</u>	<u>Lesson</u>	<u>Target</u>	<u>HW Assignment</u>
14-Oct	<i>Pre-Test for Unit 3 (PERA)</i> 3.1 Exponential and Logistic Functions	3A	NO Additional Homework
17-Oct	3.1 Exponential and Logistic Functions	3A	HW3-1 --p.287 #31,33,41,43,45,46,56,57
18-Oct	Late Start Schedule 3.3 Logarithmic Functions & Their Graphs	3B	HW3-2 --p.308 #1-35 odd,59,61
19-Oct	1/2 Day Schedule PSAT for Juniors, Sophomores	N/A	No Additional Homework
20-Oct	3.4 Properties of Logarithmic Functions	3C/3E	HW3-3 --p.317 # 1-21 odd,29,31,52,53
21-Oct	3.5 Equation Solving and Modeling	3B	HW3-4 --p.331 #1,3,6,11,13,16,17,27,29,35,37
24-Oct	3.5 Equation Solving and Modeling	3B	HW3-5 --p.331 # 39,41,45,47,55,57 Study for Quiz 3.1, 3.3, & 3.4 (Targets 3A/B/C/E)
25-Oct	3.1 and 3.3 Transformations of Exponential and Logarithmic Functions Quiz 3.1, 3.3, & 3.4 (Targets 3A/B/C/E)	3D	HW3-6 --p.287 #16,19,23,25,27,30
26-Oct	3.1 and 3.3 Transformations of Exponential and Logarithmic Functions	3D	HW3-7 --p.308 #37,40,41,43,47,50,53,57
27-Oct	3.2 Exponential and Logistic Modeling	3F	HW3-8 --p.296 # 1,3,12,18,19,29,33,39,43
28-Oct	3.2 Exponential and Logistic Modeling	3F	HW3-9 --p.297 #23,28,45,47,50
31-Oct	3.6 Mathematics of Finance	3G	HW3-10 --p.342 #1,8,11,21,23
1-Nov	Late Start Schedule 3.6 Mathematics of Finance	3G	HW3-11 --p.342 #25,29,41,45
2-Nov	<i>Unit 3 REVIEW/LAB</i>	N/A	HW3-12 --Unit 3 Review
3-Nov	<i>Unit 3 REVIEW/LAB</i>	N/A	Study for Test
4-Nov	<i>Unit 3 REVIEW/LAB</i>	N/A	Study for Test
7-Nov	<i>Unit 4 Pre-Test/LAB</i>	N/A	Study for Test
8-Nov	NO SCHOOL-Parent/Teacher Conferences	N/A	NO Additional Homework
9-Nov	Unit 3 TEST	N/A	NO Additional Homework

Unit 3 Targets

Target 3A: Identify and analyze properties of exponential, logarithmic, and logistic functions and their graphs

Target 3B: Know and understand the inverse relationships of exponential and logarithmic equations

Target 3C: Understand properties of common and natural logarithmic functions

Target 3D: Rigid and non-rigid transformation of exponential and logarithmic functions

Target 3E: Know and apply product, quotient and power rules of logarithmic functions

Target 3F: Model real world situations and use regressions with the use of functions

Target 3G: Solve real-world applications using exponential and logarithmic functions