

## Chapter 3 – Precalculus Assignments

### Exponential and Logarithmic Functions

Day 1	<b>3.1 Exponential Functions and their Graphs</b>	Copy notes from textbook p.185 Exponent Rules; p. 186 note box and copy 4 diagrams from p187
Day 2	3.1 Continued	Hw p. 193 #1,3,5,9,11,13-16,17,19,21 & vocab#1-5
Day 3	3.1 Continued	Hw p.193-194 #23,25,49,53,55,57,65,66,67,69
Day 4	<b>3.2 Logarithmic Functions and their Graphs</b> - common logs	Quick Quiz (one problem) on compound interest Warm up problems p. 195 #79-82 (no calculators), 72 (depreciation) Cover 3.2 example 1-6 Hw p. 203 #1-5 odd, 13-17 odd, 25-41 odd
Day 5	3.2 Continued - natural logs	Cover example 7-10 HW p. 203 #1-5 Vocab; 7-11 odd,67,68,71, 91-93 **Warm-Up Sheet (entire page w/o calculator) & p. 204 #53-56, 105-106
Day 6	<b>3.3 Properties of Logarithms</b>  <b>(skip example 7)</b>	Quick Quiz 3.2 Start section 3.3 Hw p 211 #1,3,5,9,11,13,15,17,19,25,31,33, Hw p. 211 (part 2) #37-45 odd, 51-55 odd, 71,74
Day 7	3.3 Continued	Review homework p. 211 #10-20 even,32,34,38-48 even,52-56 even,59-65 odd
Day 8	<b>3.4 Solving Exponential and Logarithmic Functions</b>	Review homework Quick Quiz on section 3.3 Start section 3.4 Hw p.221 Vocab#1-3; Ex #1-9 odd, 15-27 odd &Notesheet
Day 9		Hw p.221 Ex #29-41, odd 55-59 odd, 87,89,131,137  More practice #30-42 even, 56-62 even, 88, 90,133, 136
Day 10	<b>3.5 Exponential and Logarithmic Models</b>	Review homework Quick Quiz on section 3.4 Start section 3.5 (chapter test soon – skip section 3.6) HW p. 232 Vocab#1-4; Ex #1-6,7-14,23,25,28,29 & notesheet
Day 11		Review homework Finish section 3.5 Hw p.232 #33,34,37,38,39,41
Day 12	<b>Chapter 3 Review</b>	Start review for Chapter 3 test Homework p. 252 #10-28 Review next class
Day 13	<b>Chapter 3 Review</b>	Review for chapter 3 test Homework – study for test
Day 14	<b>Chapter 3 Exam</b>	

Discovery Education Videos – Standard Deviants video 6&7 Logs & solving log equations