Here is a checklist of what is assigned for Week 8 to do.

|  | Tasks for Week 8 <br> Logarithmic Functions | $\checkmark$ <br> when <br> done |
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| 1. | After reading Section 4.2 of the text, watch the video of Class Lecture 22 on <br> Section 4.2 Doubling Time and Half Life <br> After watching the video: <br> For additional practice, work these problems out of the text (no need to submit them to me) <br> Section 4.2 -- 9-27, 34, 38, 39, 44, 46, 49, 55, 56 and Chapter 4 Review -- 13, 38, 41 |  |
| 2. | After reading Section 4.3 of the text, watch the Video of Class Lecture 23 on <br> Section 4.2 and 4.3 The Graph of a Logarithm <br> After watching the video: <br> For additional practice, work these problems out of the text (no need to submit them to me) <br> Section 4.3 -- 1-6, 20, 21 | Watch the Video of Class Lecture 24 on Section 4.3 Logs as a Re-expression of Large or Small <br> Numbers <br> After watching the video: <br> For additional practice, work these problems out of the text (no need to submit them to me) <br> Section 4.3 -- 13-17, 32, 34a |
| 6. | Complete Interactive Video V17: If I Were an Algorithm, I'd Grow Like a Logarithm due 11:59 PM <br> Sunday, Oct. 26. This video covers material in Section 4.3 (You have unlimited attempts to earn 100\%.) |  |
| 7. | 3.  <br> 8. Please continue to use the Student Discussion Forum in Blackboard to post questions and answers in <br> the forum called Chapter 4: Logarithmic Functions. Substantive activity in the forum during this <br> week will add a maximum of 5 points to your score to Interactive Video V17: Solving Logarithmic <br> Equations <br> (Unlimited attempts allowed! Your highest score counts.)  |  |

