Math III – Unit 5 Logarithms

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| **Date** | **Lesson/Objective** | | | **Homework** | | | **Checked** |
| **Day 1:**  Monday  April 11 | **Introduction to logarithms**  *Objective: to convert between logs and exponential functions*  *Objective: To determine the inverse of a function, graph both, and determine the domain and range* | | | 5-1 | | |  |
| **Day 2:**  Tuesday  April 12 | **Logarithms continued: e and ln**  *Objective: to convert between e and natural log*  *Objective: to determine the asymptote domain and range of a log or exponential function* | | | 5-2 | | |  |
| **Day 3:**  Wednesday  April 13 | **Log properties Quiz**  Objective: expand a single log into multiple logs using log properties  Objective: to condense multiple logs into a single log | | | 5-3 | | |  |
| **Day 4:**  Thursday  April 14 | **Solving Log Equations**  Objective: to use log properties to solve log equations | | | 5-4 | | |  |
| **Day 5:**  Friday  April 15 | **Compounding Interest and logs continued**  **Quiz**  Objective: determine which compound interest formula to use  Objective: To use the compounding interest formula to solve for interest rate, Principal investment, or money earned. | | | 5-5 | | |  |
| **Day 6:**  Monday  April 18 | **Piecewise Functions**  Objective: To graph a piecewise function | | | 5-6 | | |  |
| **Day 9:**  Tuesday  April 19 | **Review** | | | Review | | |  |
| **Day 10:**  Wednesday  April 20 | **Unit 4 Test** | | | Unit 6 Pretest | | |  |
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