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:**TuesdayApril 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:**WednesdayApril 13 | **Log properties Quiz**Objective: expand a single log into multiple logs using log propertiesObjective: 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:**FridayApril 15 | **Compounding Interest and logs continued****Quiz**Objective: determine which compound interest formula to useObjective: 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:**TuesdayApril 19 | **Review** | Review |  |
| **Day 10:**WednesdayApril 20 | **Unit 4 Test** | Unit 6 Pretest |  |
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