**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** CW:\_\_\_\_\_\_\_\_\_\_\_\_\_HW:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 4: Exponential and Logarithmic functions

AFM Spring 2017

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| **Date** | **Day** | **Topics Covered** | **Classwork** | **Assignments** | | | | | | | | |
| Tuesday  3/14 | 1 | Review of Exponents and Logarithms | Worksheet | 92% | | 84% | | 76% | | 68% | | 60% |
| Day 1 Homework | | | | | | | | |
| Wednesday3/15 | 2 | Conversions between Exponential and Logarithmic Functions | Solving Exponential/ Logs Worksheet | 92% | 84% | | 76% | | 68% | | 60% | |
| Day 2 Homework | | | | | | | | |
| Thursday  3/16 | 3 | Graphs, Inverses,  and Transformations | Exploration of Graphs  Matching Activity | 92% | 84% | | 76% | | 68% | | 60% | |
| Day 3 Homework | | | | | | | | |
| Friday  3/17 |  | **Quiz** | **Quiz** | 92% | 84% | | 76% | | 68% | | 60% | |
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|  | | | | | | | | |
| Monday 3/20 |  | Benchmark Review | Benchmark Study Guide | 92% | | 84% | | 76% | | 68% | | 60% |
| Finish Benchmark Study Guide | | | | | | | | |
| Tuesday  3/21  **Tutorials**  **B Lunch** |  | **Midterm Exam** |  |  | | | | | | | | |
| Wednesday  3/22 | 6 | Practice with Functions and Regression | Practice  Worksheets | 92% | | 84% | | 76% | | 68% | | 60% |
| Day 4 Homework | | | | | | | | |
| Thursday  3/23  **Tutorials A Lunch** | 7 | Application of Exponential Functions | Log Function  Application  Worksheet | 92% | 84% | | 76% | | 68% | | 60% | |
| Day 5 Homework | | | | | | | | |
| Friday  3/24 | 8 | Application of Logarithmic Functions | Log functions | 92% | 84% | | 76% | | 68% | | 60% | |
| Day 6 homework | | | | | | | | |
| Monday  3/27 | 10 | **Review** | Study Guide | Study for Test | | | | | | | | |
| Tuesday  3/28 | 11 | **Test Unit 4** | Study | No Homework Enjoy!! | | | | | | | | |

**HW 1 – Review of Exponential and Logarithmic Properties**

**Unit 4 – Exponential & Logarithmic Functions**

1) Express the following with a singular base, and a positive  
 exponent.