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

Unit 4: Exponential and Logarithmic functions

AFM Spring 2017

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| --- | --- | --- | --- | --- |
| **Date** | **Day** | **Topics Covered** | **Classwork** | **Assignments** |
| Tuesday3/14 | 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 |
| Thursday3/16 | 3 | Graphs, Inverses,and Transformations | Exploration of GraphsMatching Activity | 92% | 84% | 76% | 68% | 60% |
| Day 3 Homework |
| Friday3/17 |  | **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** |  |  |
| Wednesday3/22 | 6 | Practice with Functions and Regression | Practice Worksheets | 92% | 84% | 76% | 68% | 60% |
| Day 4 Homework |
| Thursday3/23**Tutorials A Lunch** | 7 | Application of Exponential Functions | Log FunctionApplication Worksheet | 92% | 84% | 76% | 68% | 60% |
| Day 5 Homework |
| Friday3/24 | 8 | Application of Logarithmic Functions | Log functions | 92% | 84% | 76% | 68% | 60% |
| Day 6 homework |
| Monday3/27 | 10 | **Review** | Study Guide | Study for Test |
| Tuesday3/28 | 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.