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| **Date** | **Class** | **HW Assignment** |  |
| Thursday  10/31 | 1.4: Function Building | 1.4 Math XL | F.BF.1,3 |
| Friday  11/1 | 1.4: Function Composition | 1.4 Math XL | F.BF.1,3 |
| Monday 11/4  Tuesday  11/5  Wednesday  11/6  Thursday  11/7  Friday | 1.5 Finding Inverses  1.5 Graphs of inverses, one to one functions, drawing activity  Review 1.4-1.5  Quiz 1.4-1.5  Compass Testing | Worksheet  Worksheet  Worksheet  NONE  NONE | F.BF4ac |
| Tuesday (into Wed and Thur with graphing because of 2hr delay Tue and absent on Wed)  1/22-24 | 3.1/3.2 Exponential Functions and Modeling | Math XL 3.1 Exponential |  |
| Friday  1/25 | 3.1/3.2 Exponential Functions and Modeling | Math XL 3.2 Exponential |  |
| Monday-Tue  1/28-29 | 3.1/3.2 Logistic Functions and Modeling  (absent Monday) | Math XL Logistic |  |
| Wed-Fri  1/30-2/1 | COMPASS TESTING |  |  |
| Monday  2/4 | 3.1/3.2 Writing Equations of Logistic Functions | Math XL Logistic + #13 from exponential |  |
| Tuesday  2/5 | More logistic: Modeling, regression, Rumor Spread Activity | Review Worksheet |  |
| Wednesday  2/6 | Review 3.1/3.2 | Study |  |
| Friday  2/8 | **Quiz 3.1/3.2** | **Finish Quiz 3.1/3.2** |  |
| Monday  2/11 | 3.3 Logarithmic Functions basics | 3.3 Math XL |  |
| Tuesday  2/12 | 3.3 Logarithmic Functions graphs | 3.3 Math XL |  |
| Wednesday  2/13 | 3.4 Properties of Logarithms | 3.4 Math XL |  |
| Thursday  2/14 | 3.4 Properties of Logarithms | 3.4 Math XL |  |
| Friday  2/15 | 3.3/3.4 Review | Worksheet |  |
| Tuesday  2/19 | **Quiz 3.3/3.4** | Finish Quiz |  |
| Wednesday  2/20 | 3.5 Solving Exponential and Basic Logarithmic Equations | 3.5 Math XL |  |
| Thursday  2/21 | 3.5 Solving Logarithmic Equations (using properties) | Worksheet |  |
| Friday  2/22 | 3.5 Applications of Logarithms (Earthquakes, pH, decibels, Newton’s Law of Cooling?) | Worksheet |  |
| Monday  3/4 | 3.6 One time investments | Worksheet #3: p. 310: #1, 7, 9, 21-29 ODD |  |
| Thursday  3/7 | 3.6 Finish Monday, APY | Worksheet #3:  p. 310: #41-46, 64 |  |
| Thursday  3/7 | 3.6 Annuities | Worksheet #3: p. 310: #13, 47-50, 65 |  |
| Friday  3/8 | 3.6 Loans | Worksheet #3: p. 310: #17, 19, 51, 53, 55 |  |
| Monday-Tuesday  3/11-12 | Review Logarithm Equations and Finance | Worksheet |  |
| Wed-  3/13- | **Quiz 3.5/3.6: Logarithm Equations and Finance** | Finish Quiz |  |
| Thursday-Tuesday  3/14-15, 3/18-19 | Review Chapter 3 |  |  |
| Wednesday-Thur  3/20-21 | **Chapter 3 Test** |  |  |
| Friday  3/22 | **8.1 Ellipses** | Worksheet |  |
| Thursday  12/8 | Chapter 3 Review | Worksheet #5: **p. 314: #1, 3, 5, 7, 11, 16, 22, 45, 49, 53, 54, 59, 61, 62, 71,72, 75, 77, 94, 95**  **p. 314: #2, 4, 12, 14, 20, 21, 24, 63, 67, 74, 78, 88, 93, 96** |  |
| Friday  12/9 | Chapter 3 Review | STUDY |  |
| Monday  12/12 | **Chapter 3 Test Part I** | STUDY |  |
| Tuesday  12/13 | **Chapter 3 Test Part II** | Semester Exam Review: Worksheet #7 |  |
| Wednesday  12/14 | Semester Exam Review | Worksheet #8 |  |
| Thursday  12/15 | **December Party!** | Finish #8 |  |
| Friday  12/16 | Semester Exam Review | STUDY! |  |
| Monday  12/19 | **SEMESTER EXAMS** | STUDY! |  |
| Tuesday  12/20 | **SEMESTER EXAMS** | REST! |  |