# Honors 1

*Chapter 7 - Properties of Exponents & Exponential Functions*

| Day | Topic | Assignment | Presented Problems | Presenters |
|-----|-------|------------|--------------------|------------|
| 1 | 7.1 - Product Properties of Exponents | Pg 394 7, 9, 11, 13, 17, 19, 29, 31, 37, 39, 53, 59 | 13, 29 | |
| 2 | 7.2 - Division Property and Zero/Negative Exponents | Pg 402 1, 3, 7, 9, 13, 15, 27, 33, 35, 40, 75 | 7, 15 | |
| 3 | 7.3 - Rational Exponents | Pg 410 17, 19, 21, 23, 59, 61, 63, 65, 27, 31, 37, 45, 47 | 63, 37 | |
| 4 | **Quiz 7.1-7.4** | Desmos Investigation Online | | |
| 5 | 7.5 Expoenntial Growth Graphing and Equations | Exponential Growth wksht | 1, 9 | |
| 6 | 7.5 Exponential Decay Graphing and Equations | Exponential Decay wksht | 1, 9 | |
| 7 | 7.6 Exponential Growth and Decay Word Problems (no compound) | Pg 434 1, 3, 4, 5, 6, 10, 11, 13 | 1, 3 | |
| 8 | Time Permitting: Class Investigation Regarding $y = a(-b)^x$ | Complete Investigation wksht | | |
| 9 | **Quiz 7.5 - 7.6** | Begin practice test that we will finish tomorrow | | |
| 10 | Review Chapter 7 | Finish Practice Test and Ask Questions | | |
| 11 | **Chapter 7 Test** | | | |

**\*We will not cover Section 7.4 in class. However, the 7.1-7.4 Quiz will have a few basic questions regarding the skill of scientific notation that you should be able to answer by looking at the section in the book on your own time.**