**Unit 7: Exponents Homework Calendar**

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| Date | Topic | Objective | Homework | Mastery |
| Monday 1/26 | 7.3 Multiplying Exponents  | -multiply expressions involving exponents  | 7-1 Study Guide Intervention WS |  |
| Tuesday 1/27 | 7.5 Dividing Exponents | - divide expressions involving exponents  |  |  |
| Wednesday 1/28 | 7.4 Power to a Power | - raise an expression with exponents to a power |  |  |
| Thursday 1/29 | 7.1 Zero and Negative exponents  | -simplify expressions with zero and negative exponents  |  |  |
| Friday 1/30 | 7.1-5 Properties of Exponents  | -apply exponent properties  |  |  |
| Monday 2/2 | 7.1-5 Properties of Exponents | -Quiz |  |  |
| Tuesday 2/3 | Rational Exponents  | -converting from rational exponents to radical form and vice versa |  |  |
| Wednesday 2/4 | Rational Exponents  | same |  |  |
| Thursday 2/5 | Simplify Rational exponents  | -use properties of exponents to simplify rational exponents |  |  |
| Friday 2/6 | Simplify Rational exponents | -use properties of exponents to simplify rational exponents |  |  |
| Monday 2/9 | Review all Exponent Properties | -scavenger hunt |  |  |
| Tuesday 2/10 | Properties of Exponents  | -Exponent Test  |  |  |
| Wednesday 2/11 | 7.6 Graph exponential functions | -graph exponential functions using a t-table-determine if data is exponential-determine if exponential is growth or decay |  |  |
| Thursday 2/12 | 7.6 Graph exponential functions | same |  |  |
| Friday 2/13 | Teacher Workday |  |  |  |
| Monday 2/16 | Teacher Workday |  |  |  |
| Tuesday 2/17 | Translate Exponential Graphs | -translate exponential functions horizontally and vertically-determine the effect of a k-value to an exponential function  |  |  |
| Wednesday 2/18 | 7.7 Exponential Growth and Decay | -solve word problems involving exponential growth and decay |  |  |
| Thursday 2/19 | 7.7 Exponential Growth and Decay | same |  |  |
| Friday 2/20 | Compare Linear and Exponential Functions | -compare linear and exponential functions using graphs, and tables-given a word problem, determine if it models a linear or exponential function |  |  |
| Monday 2/23 | 4.7 Arithmetic Sequences | -identify arithmetic sequences -find the nth term of a sequence-write the explicit formula |  |  |
| Tuesday 2/24 | Geometric Sequences | -identify geometric sequences -find the nth term of a sequence-write the explicit formula |  |  |
| Wednesday 2/25 | Review  |  |  |  |
| Thursday 2/26 | Test  |  |  |  |