Homework Page

(Unit 3 --- Week 7)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Name)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Topic** | Monday | Tuesday | Wednesday | Thursday |
| **Solve the exponent** | $$10^{3}$$ | $$2^{4}$$ | $$8^{5}$$ |  $9^{2}$- $8^{2}$ |
| **Write in exponential form** | 5x5x5x5x5 | 7x7x7x7 | 4x4x6x6x6 | 3x3x6x6x6x6 |
| **Solve using the order of operations** | (15-3) x 8+ 5 | 7x7 + (9-3) | ($4^{3}$+ 2-1) | 3 x (2 x$4^{3}$)$÷$4 |
| **Substitute the number for the variable**  | 5n + 11n n= 2 | 10x - 4xx = 3 |  12v - v v= 2 | 4a + 12aa = 7  |
| **Word Problems** | Write the product of 5x5x5x5x5 in exponential form. | Solve the expression: $6^{2}$x $4^{2}$ | What is the Coefficient and the constant in the expression: 2(y+7)?  |  The ratio of the number of text messages sent by Aimee to the number of text messages sent by her brother is 6 to 5. If Aimee sent 30 text messages, how many text messages did her brother send? |
|  |  |  |  |  |