Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Homework (WEEK 3) S+:**

**TRY YOUR BEST AND SHOW ALL OF YOUR WORK! Use CUBES (circle, underline, box, evaluate, and solve) to earn full credit.**

**MONDAY:**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

|  |  |
| --- | --- |
| 1. Oka had $12. Then she saved $15 from her  allowance. She bought 5 blow pops for $.25 each, 24  tootsie rolls for $.03 each, and 2 air heads for $.60  each. How much money did Oka spend and how  much does Oka have left?  **Answer \_\_\_\_\_\_\_\_\_** | 2. Write the following in exponential form and  evaluate:  A. 6 x 6 x 6 x 6 x 6 \_\_\_\_\_= \_\_\_\_  B. 5 x 5 x 5 x 5 \_\_\_\_\_ = \_\_\_\_  C. 12 x 12 \_\_\_\_=\_\_\_\_ |
| 3. A group of 176 campers wants to take boats out  on the lake. If each boat holds 12 campers, how many  boats will the campers need?  **Answer \_\_\_\_\_\_\_\_\_** | 4. Label the base and exponent for the following  number. Write the exponential notation in expanded  and standard form.    Base:\_\_\_\_\_\_\_ Exponent: \_\_\_\_\_\_\_\_\_  Expanded: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Standard: \_\_\_\_\_\_\_\_ |

**TUESDAY:**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

|  |  |
| --- | --- |
| 1. Each question on a game show is worth 15 points.  Last night, a contestant answered 268 questions  correctly. How many points did the contestant earn?  **Answer \_\_\_\_\_\_\_\_\_** | 2. Evaluate: 62 ÷ (12 ÷ 4)2  **Answer \_\_\_\_\_\_\_\_\_** |
| 3. ∙ =  ∙  **Answer \_\_\_\_\_\_\_\_\_** | 4. Look at the following number:  87341.32  What number is in the hundredths place? \_\_\_\_\_  What number is in the hundreds place? \_\_\_\_\_\_  What number is in the tenths place? \_\_\_\_\_\_\_\_\_\_  What number is in the ten thousands place? \_\_\_\_\_\_ |

**WEDNESDAY:**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

|  |  |
| --- | --- |
| 1. Craig counted the tiles on the gymnasium floor. The  gym is 62 tiles long and 84 tiles wide. What is the  total number of tiles on the gymnasium floor?  **Answer \_\_\_\_\_\_\_\_\_** | 2. Evaluate: 5 + ( ∙ (  **Answer \_\_\_\_\_\_\_\_\_** |
| 33. Write the following in **exponential** notation.  4 ∙ 4 ∙ 4 ∙ w ∙ w ∙ w ∙ w ∙ 9    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Belleville Furniture needs to ship 381 couches across  the country. If they can fit 18 couches in each truck,  how many couches will be in the partially full truck?  **Answer \_\_\_\_\_\_\_\_\_** |

**THURSDAY:**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

|  |  |
| --- | --- |
| 1. 44 + 43  48 - 46  **Answer \_\_\_\_\_\_\_\_\_** | 2. 53- 52  33 - 22    **Answer \_\_\_\_\_\_\_\_\_** |
| 3. Amani types 52 words per minute. If she types for 60 minutes, taking one 14 minute break. How many words does she type?    **Answer \_\_\_\_\_\_\_\_\_** | 4. Jasmine wants to take her friend Haylee to the Ariana Grande concert. The tickets are $95 each. She gets $25 for babysitting, and works 2 afternoons a week. How many weeks would she have to work to purchase the tickets?  **Answer \_\_\_\_\_\_\_\_\_** |