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. $$ 8^{3}$$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. $$7^{6 }$$∙ $$5^{8}$$ = $$7^{4}$$ ∙ $$5^{5}$$**Answer \_\_\_\_\_\_\_\_\_** | 4. Look at the following number:87341.32What 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 + ($$7)^{2}$$ ∙ ($$12)^{0}$$**Answer \_\_\_\_\_\_\_\_\_** |
| 33. Write the following in **exponential** notation. 4 ∙ 4 ∙ 4 ∙ w ∙ w ∙ w ∙ w ∙ 9  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Belleville Furniture needs to ship 381 couches acrossthe 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 \_\_\_\_\_\_\_\_\_** |