Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Weekly Spiral Review Homework #6 Due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions**: Complete each problem in the space provided. **SHOW ALL WORK FOR CREDIT**

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| 1. Show the work and then list the steps.       **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_  **Step 1**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Step 2**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Step 3**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Jeremy mowed lawns for 3 hours each day for 12 days during the month of August. He earned a total of $324 mowing lawns. Jeremy wants to calculate his hourly rate. How much did he earn per hour mowing lawns?   **Answer**: $ \_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. There are 600 comets in our universe. If 150 of them can be seen from Earth, what percent of the comets can be seen from earth?   **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ % | 1. What is the value of the following expression below?   **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Last year, Ariq made 6 one-cup servings of soup for a party. This year, he will make eight times the amount of soup that he made last year. How many **gallons** of soup will he make this year?   **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ gallons | 1. Label each piece of the expression below.   **4**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **m**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **7**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **3**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Braden’s dog eats 9 ounces of dog food each day. He bought a 36-pound bag of dog food. How many 9-ounce servings are in a 36-pound bag?   (Hint: 1 pound = 16 ounces)  **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ servings | 1. If there are 7.5 centimeters in 5 inches, how many centimeters are in 13 inches?   **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ centimeters  If there are 32 ounces in 2 pounds, how many ounces are in 17 pounds?  **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ounces |
| 1. Amanda wants to buy a 32” SMART TV that sells for $250. She has 48% of the money saved. 2. How much money does she have?   **Answer**: $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. Amanda finds the TV on sale for $200. What percent of the sale price does she have saved?   **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ % | 1. Write **three** expressions equivalent to       **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  If , what is this expression equivalent to?  **Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |