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

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

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

|  |  |
| --- | --- |
| 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**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ centimetersIf 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**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |