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

**Weekly Spiral Questions - Quarter 3 Week 2**

Show all work on a separate paper and attach it to the back. Be sure to label your answers appropriately! **(Calculator Inactive)**

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| --- | --- |
| 1. If 9 gallons of gas cost $31.32, how much will 7 gallons of gas cost at the same rate? | **Answer:****\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| 2. Erin bought 8 new sweaters at one store for a total of $68. Erin's sister Alyse bought 6 sweaters at a different store and paid $43. Determine the unit rate for each girl and decide who got the better deal.  | **Answer:**Erin’s Unit Rate: \_\_\_\_\_Alyse’s Unit Rate: \_\_\_\_Better Deal: \_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| 3. Solve.$$\frac{3}{4}÷6\frac{2}{3}$$ | **Answer:** |
| 4. Solve for m.$$4m-2m=15.6$$ | **Answer:** |

|  |  |
| --- | --- |
| 5. Sandra drove 126.2 miles in 2 hours at a constant speed. How long would it take her to drive 189.3 miles at the same speed? | **Answer:**  |
| 6. Elyssa drinks 1960 ml of orange juice each week. How many liters of orange juice does she drink per day? | **Answer:****\_\_\_\_\_\_\_\_\_\_\_\_** |

|  |  |
| --- | --- |
| 7. Jillian is having a BBQ party. She needs 7 pints of coleslaw. Use a proportion to figure out the amount of coleslaw she needs in quarts.  | **Answer:** |
| 8. Joey is riding a bicycle. It takes him 28 minutes to go 8 miles. If he continue traveling at the same rate, how long will it take him to go 15 miles? | **Answer:** |