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

Weekly Spiral Review Homework #9 Due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

|  |  |
| --- | --- |
| 1. The ratio of the weight of Jordan’s sculpture to the weight of Anna’s sculpture is 2:3. Jordan’s sculpture weighs 12 ounces. How much do the two sculptures weigh together? | 1. Out of 20 athletes surveyed, 10 athletes chose soccer as their favorite sport, 6 chose golf, and the others chose football. What percent of the athletes chose football? |
| 1. A grocery store sign indicates that plums are 6 for $1.50 and apples are 5 for $3.00. Find the total cost for buying 2 plums and 2 apples. | 1. Bagel prices at four different shops are shown below. Which is the best buy?   Bakery 1: a dozen bagels costs $7.79  Bakery 2: 6 bagels cost $4.09  Bakery 3: 2 bagels cost $1.55 |
| 1. Sarah correctly answered 38 out of 50 questions on a test. She must score 75% or greater to pass the test. Did she pass? Justify your answer. | 1. The ratio of girls to boys at the soccer game is 4:3. There are 9 boys. How many more girls than boys are there? |
| 1. Sabrina’s car used 12 gallons of gas to travel 456 miles. At this rate, how many miles could she travel on 15 gallons of gas? | 1. Eric built a gaming website. The website had 56 visitors on Monday. 3 out of very 8 visitors played Fortnite. The other visitors played Mario Kart. How many visitors played Mario Kart? |
| 1. Shayla has pounds of potato salad and splits it into containers that each hold pounds. How many containers does she need? | 1. Find the LCM and GCF of 12 and 15. |