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

Weekly Spiral Review Homework #4 Due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

|  |  |
| --- | --- |
| 1. Michael had $165 to spend on teaching supplies for his classroom. He spent $48.40 on notebooks, $33.99 on markers and 24 folders which each cost 85¢. How much money does Michael have left over?

**Answer**: $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. A cupcake recipe makes a total of $5\frac{1}{3}$ cups of batter. Each cupcake uses $\frac{2}{5}$ cup of batter. How many **WHOLE** cupcakes will this recipe make?

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ cupcakes |
| 1. Find the product. You **MUST** show work.

$$74.15 x 5.6$$**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. What is the greatest common factor of 45 and 60?

**Answer**: GCF = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. A high speed elevator can rise 460 feet in 20 seconds. If the elevator travels at the same rate, how fast can it rise **per minute**?

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ feet | 1. Richard’s dog eats 8 **ounces** of dog food each day. He bought a 28-**pound** bag of dog food. How many 8-ounce servings are in a 28-pound bag?

Hint: 1 pound = 16 ounces**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ servings  |
| 1. Judie bought a new necklace. The original price was $80 and the discount was 15% off. What was the **discount** and **sale** **price** of the necklace?

**Discount** $ \_\_\_\_\_\_\_\_\_\_\_\_\_ **Sale Price** $ \_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Rudy travels 46 miles to Grandma’s house and then stops to get some lunch. So far he’s traveled 40% of the way there. What is the **total** distance, in miles, to grandma’s house?

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_ miles |
| 1. If the coordinate ($-$1, $-$6) is reflected across the y-axis, determine the quadrant and new coordinates of the reflected image. Plot both points below.

**Quadrant**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Coordinates**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  10)$ 4²÷ 2 + (28 ÷ 4) – 6 $**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |