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

Weekly Spiral Review Homework #3 Due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

|  |  |
| --- | --- |
| 1. Carol has $1\frac{5}{8}$ cups of yogurt to make smoothies. Each smoothie uses $\frac{1}{3}$ cup of yogurt. What is the maximum number of smoothies that Carol can make with the yogurt?

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ smoothies | 1. Evaluate: $30.51 ÷ 4.5 =$

Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Machine X gets cleaned every 12 weeks. Machine Y gets cleaned every 8 weeks. What is the fewest number of weeks that will pass before both machines are cleaned in the same week?

**Answer:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ weeks | 1. Factor the following addition problems using the distributive property. SHOW WORK underneath.

$18x + 10$$48x + 16$**\_\_\_\_\_ ( \_\_\_\_\_ + \_\_\_\_\_) \_\_\_\_\_ ( \_\_\_\_\_ + \_\_\_\_\_)** |
| 1. Pat bounces a basketball 25 times in 30 seconds. At that rate, approximately how many times will Pat bounce the ball in 150 seconds?

**Answer:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_bounces | 1. Jim paid $8.28 for 18 stamps. At this rate, how much would it cost Jim to buy 12 stamps?

**Answer**: $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Write  as a decimal and a percent. Show your work to support your answer.

**Decimal**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Percent**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. At a movie, 60% of the audience members were teenagers. If the number of teenagers at the movie was 42, what was the total number of audience members?

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ audience members |
| 1. Point M was located at (4, 3) and was moved to its new location of $M^{'}$(4, $-$3). Plot and label both points on the grid below. Which axis are these points reflected over?

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  10) Plot and label point A ($-$1, 4) and point B (3, 4). Write an expression using absolute values that represents the distance, in units, between points A and B.**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |