Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Summative Date: \_\_\_\_\_\_\_\_\_\_\_\_

**The Number System –Arithmetic Operations Summative REVIEW**

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| * **I can fluently divide multi-digit numbers using the standard algorithm.**
* **I can fluently add, subtract, multiply and divide multi-digit decimals using the standard algorithm for each operation.**
* **I can I can interpret and compute quotients of fractions and solve word problems involving division of fractions by fractions, ex: by using visual fraction models and equations to represent the problem.**
 |

**Directions**: Solve the following computations. Show your work and circle your final answer!!

1. $27.3+ 4.67=$ 2. $14.21+35.749=$

3. $15-4.32= $ 4. $ 4.68-3.211=$

5. $ 7.16 x 2.4=$ 6. 0.03 $x 0.461=$

7. $ 2.79 x 9=$ 8. $ 32.46÷0.3=$

9. $ 8.5÷0.05=$ 10. $ 65.32÷9.2=$

11. $ \frac{1}{9} ÷ \frac{3}{12}=$ 12. $\frac{5}{6}$ ÷ $2\frac{2}{5}$ =

13. $\frac{5}{9} ÷ 4 =$ 14. $ 2\frac{2}{3} ÷ 1 \frac{1}{5}=$

15. Maggie is making scarves. She has 5 $\frac{1}{2}$ yards of fabric. Each scarf needs $\frac{3}{4}$ yards of material. How many scarves can she make? **Write a number sentence and draw a model to show your answer.**

1. Number Sentence:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Model:
3. Final Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Jake has half of a candy bar. He wants to share it equally among four people. How much does each person get? **Write a number sentence and draw a model to show your answer.**

1. Number Sentence:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Model:
3. Final Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Word Problems**

**Directions: Choose the correct operation(s) to solve the following word problems. Write a number sentence and solve, showing all work. Simplify and label your final answer.**

17.) Luke wants to send a care package of food and school supplies to his sister at college, but the mail carrier will only take boxes that weigh 50 pounds or less. The food he plans to send weighs 23.4 pounds and the school supplies weigh 21.45 pounds. How much OVER or UNDER the 50-pound weight limit is the filled box?

18.) Fro Yo sells frozen yogurt by weight. They charge $5.25 per pound. If your dish of frozen yogurt weighs .63 pounds, how much will it cost? Be sure to round to the nearest cent since you are dealing with money!

19.) $389.40 is being divided among 12 people. How much money will each person get?

20.) A box of shrimp weighs $2 \frac{2}{5}$pounds. How many pounds will $ 2 \frac{1}{2}$ boxes weigh?

21.) Sam sold apples at a farmers’ market and made $21.36. He sold apples for $.89 per pound, how many pounds of apples did he sell?

22.) Jessie is baking a cake. The recipe calls for 1 $\frac{2}{3}$ cups of sugar. If she bakes 4 $\frac{1}{2}$ cakes, how much sugar will she need?

23.) Betsy is making signs for Student Council that measure $\frac{3}{4}$ feet. If she has 3 $\frac{1}{2}$ feet of paper, how many signs can she make?

24.) Sam goes to the market to buy hamburger meat for a cookout. He buys $3\frac{3}{4}$pounds of hamburger meat. How many $\frac{1}{4}$ pound patties can he make?