Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Unit 1 Review… So far**

**Calculator Inactive**

*Write your work on a SEPARATE sheet of paper but put your final answer on this sheet of paper in a box*

1. Two teams of runners competed in a relay race. The times (in seconds) of the runners are shown in the table below. Use the table to answer the questions below.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Prairie View Middle School** | **Glen Este Middle School** |
| **Runner 1** |  | 13.781 | 12.15 |
| **Runner 2** |  | 9.96 | 10.7 |

a. What was the total time of the runners for **Prairie View Middle School**?

b. What was the total time of the runners for **Glen Este Middle School**?

c. Which team won the race?

d. **How much faster** was this team than the other team?

2. In math class, Annie needs to find the **product** of 44.8 and 7 and arrives at a product of 3136. Explain what she did incorrectly and determine the correct answer.

3. **Vocabulary:**

Put the letter of the corresponding vocabulary word on the line

\_\_\_\_\_\_\_\_\_1. The answer to a division problem A. Half

\_\_\_\_\_\_\_\_\_2. The answer to a multiplication problem B. Sum

\_\_\_\_\_\_\_\_\_3. The answer to an addition problem C. Quotient

\_\_\_\_\_\_\_\_\_4. The answer to a subtraction problem D. Doubled

\_\_\_\_\_\_\_\_\_5. A number multiplied by 2 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. E. Product

\_\_\_\_\_\_\_\_\_6. A number divided by 2 is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. F. Difference

4. Nina went to the grocery store to buy fruit for her lunches. She bought a 2.25 pound cantaloupe. If she wants to use the same amount of cantaloupe for 5 lunches, how much cantaloupe should she pack in each lunch?

|  |  |
| --- | --- |
| **Player** | **Batting Average** |
| Caldwell | 0.291 |
| Rodriguez | 0.260 |
| Jacobsen | 0.306 |

5. The table below shows the batting averages of four players on a baseball team.

Which players have the **highest** and **lowest** batting averages?

What is the **difference** between these batting averages?

|  |
| --- |
| 6. A scientist puts 45.5 grams of material into a jar. She then removes 8.255 grams of the material. How much of the material remains in the jar?  7. A liter of water weighs about 2.2 pounds. How much do 5.5 liters of water weigh? |

**Calculator Active….CLASS SET: Do not write on!**

8. Antwoine bought candy that costs $2.49 a pound. He spent $4.55. How many pounds of candy did he buy?

9. Jenny bought 5 pounds of gummy bears for $14.50. Her friend buys 4 pounds of dried fruit for $12.00. Which is less expensive per pound? By how much?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | A. | gummy bears; $0.10 | B. | gummy bears; $0.20 |
|  | C. | dried fruit; $0.10 | D. | dried fruit; $0.20 |

10. Jordan buys a pair of jeans for $27.99 and a shirt for $14.75. He has a gift card worth $75. If the sales tax on the purchase is $2.35, how much will Jordan have left on his gift card?

11. Tiuana will pay $289.80 a month over the next year to lease a car. What is the total amount of the lease?

12. Movies are made up of individual images called frames. The images in movies appear to move because frames are displayed quickly, one after another. Movies show 24 frames each second. **How long** does it take to watch a movie with 60,480 frames?

13. Renee made 375.8 ounces of cookie mix. She divides the mix evenly among 25 containers for resale. How many ounces of mix does she put in each container?

14. Last year the precipitation in Florida was 31.52 inches in December, 21.85 inches in January and 19.1 inches in February. What was the average precipitation for last winter? **\*Average means to add and divide by 3**

|  |
| --- |
| 15. Bananas cost $0.75 per pound. What is the cost of 3.2 pounds of bananas? |
| 16. At a local elementary school, 1,056 parents attended 4 musicals performed by students. Which is the most reasonable estimate for the number of parents that attended each performance?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | A. | 300 | B. | 200 | |  | C. | 250 | D. | 150 | |
|  |

17. Abigail is lining up books on a shelf. The spine of each book has a width of 3.38 centimeters. Each book is exactly the same size and there are 9 books. Find the horizontal space the books will take on the shelf. Check the reasonableness of this amount by estimating.

18. Stephie earns $11.20 per hour as an office assistant. If she works 14.25 hours this week, what will she earn this week?

**Challenge:**

19. Jim bought 11 life jackets for $23.50 each. Then he used the entire amount to buy 10 buoys. How much is each buoy?

20. 5 tigers can eat 67.5 pounds of meat. If a lion eats 2 more pounds of meat than a tiger, how many pounds of meat could be eaten by 4 lions?

21. Laura sold 4 hats for $12.50 each. She used the amount she earned to buy 8 pairs of socks. How much is each sock?