

Name: \_\_\_\_\_

***Math Test***

**Directions: Answer each question as best you can.**

**Solve these problems using Mental Math.**

1.)  $21 + 9 =$  \_\_\_\_\_

2.)  $46 + 12 + 4 =$  \_\_\_\_\_

**Explain and give an example of this property.**

3.) **Explain and give an example of the Commutative Property.**

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**Round each number to the nearest whole number.**

4.)  $67$  \_\_\_\_\_

5.)  $4\underline{5}6$  \_\_\_\_\_

**Explain and Round:**

- 6.) Explain the steps of how to round this number and then round to the underlined digit: 17,679,433

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**Round to the nearest whole number then find the sum.**

7.)  $49 + 22 =$  \_\_\_\_\_

8.)  $94 - 57 =$  \_\_\_\_\_

**Subtract or Add to solve this problem. DO NOT ROUND!**

9.)  $9,234 - 2,387 =$  \_\_\_\_\_

10.)  $10,478 + 15,399 =$  \_\_\_\_\_

**Find the sum of these problems. DO NOT ROUND!!**

11.) 
$$\begin{array}{r} 1.03 \\ - 0.46 \\ \hline \end{array}$$

12.)  $3.789 + 2.157 =$  \_\_\_\_\_

## Answer Key

1.) 30

2.) 62

3.) **Explain:** You can put any two numbers in any order and still get the same answer.

**Example:** Answers will vary!

4.) 70

5.) 460

6.) **Explain:** First you need to underline the number past the underlined digit, then you need to see if that underlined number will either round up or stay the same using the rule of rounding.

**Answer:** 17,680,000

7.) 70

8.) 30

9.) 6,847

10.) 25,877

11.) 0.57

12.) 5.946