**SISTERS OF MOUNT CARMEL CATHOLIC SCHOOL**

**S.Y. 2023-2024**

**SECOND QUARTER EXAMINATION**

**MATHEMATICS 3**

**General Instructions:**

1. The test consists of four parts. Carefully READ and FOLLOW the directions of each part.
2. Legibly write your answer on the test paper using **BLACK** and **BLUE** ballpen.
3. Always keep your test paper clean. DO NOT WRITE UNNECESSARY MARKS ON IT.
4. If you have questions, raise them to the assigned proctors.

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Teacher: Ms. Kate Gem O. Lonoza**  **Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**I. REMEMBERING**

**Directions: MULTIPLE CHOICE.** Read each sentences carefully. Choose the letter of the correct answer. Write your answer in the space provided.

\_\_\_\_\_\_\_\_ **1.** Which property of addition states that the order in which numbers are added does not affect the sum?

1. Commutative Property **c.** Associative Property
2. Identity Property **d.** Inverse Property

\_\_\_\_\_\_\_\_ **2.** Which property of addition states that the grouping of numbers being added does not affect the sum?

1. Commutative Property **c.** Associative Property
2. Identity Property **d.** Inverse Property

\_\_\_\_\_\_\_\_ **3.** Which property of addition states the sum of any number and zero is the number itself?

1. Commutative Property **c.** Associative Property
2. Identity Property **d.** Inverse Property

\_\_\_\_\_\_\_\_ **4.** Which is not an example of Commutative property?

1. 3 + 7 =7 + 3 = 10 **c.** 2 + 5 = 5 + 2 = 7
2. 2 + (5+3) + (2+5) + 3 = 10 **d.** 66 + 11 = 11 + 66 = 77

\_\_\_\_\_\_\_\_ **5.** Which is not an example of Identity property?

1. 10 + 0 = 10 **c.** 33 + 22 = 22 + 33 = 55
2. 26 + 0 + 26 **d.** 2 + 0 = 2

\_\_\_\_\_\_\_\_ **6.** Which of the following is an example of Associative property?

1. 3 + 7 =7 + 3 = 10 **c.** 3 + 0 = 3
2. 66 + 11 = 11 + 66 = 77 **d.** 2 + (5+3) + (2+5) + 3 = 10

\_\_\_\_\_\_\_\_ **7.** What is the estimated cost of the **19 944**?

1. 10 000 **b.** 30 000 **c.** 20 0000 **d.** 15 000

\_\_\_\_\_\_\_\_ **8.** What is the sum of **65 and 23?**

1. 78 **b.** 98 **c.** 68 **d.** 88

\_\_\_\_\_\_\_\_ **9.** What is the estimated cost of the **692?**

1. 700 **b.** 600 **c.** 500 **d.** 680

\_\_\_\_\_\_\_\_ **10.** What is the sum of **44 and 61**?

1. 100 **b.** 150 **c.** 105 **d.** 155

**II. UNDERSTANDING**

**A. Directions:** Find the sum of the given addends without regrouping. Show your solution.

**11.** 604 **12.** 140 **13.** 560 **14.** 315 **15.** 206

+ 127 + 852 + 123 + 144 + 923

**B. Directions:** Identify the properties of addition. Write **IDENTITY** if the given example is Identity property, **ASSOCIATIVE** if it is associative property, and **COMMUTATIVE** if it is commutative property. Write your answer in the space provided.

\_\_\_\_\_\_\_\_\_ **16.** 3 + 0 = 3 \_\_\_\_\_\_\_\_\_ **21.** (8 + 9) + 10 = 8 + (9 + 10)

\_\_\_\_\_\_\_\_\_ **17.** (4 + 5) + 6 = 4 + (5 + 6) \_\_\_\_\_\_\_\_\_\_ **22.** 9 + 0 = 9

\_\_\_\_\_\_\_\_\_\_ **18.** 8 + 9 = 9 + 8 \_\_\_\_\_\_\_\_\_\_ **23.** 2 + (3 + 4) = (2 + 3) + 4

\_\_\_\_\_\_\_\_\_\_ **19.** 3 + (4 + 5) = (3 + 4) + 5 \_\_\_\_\_\_\_\_\_\_ **24.** 77 + 11 = 11 + 77

\_\_\_\_\_\_\_\_\_\_ **20.** 6 + 7 = 7 + 6 \_\_\_\_\_\_\_\_\_\_ **25.** 10 + 0 + 10

**III. APPLYING**

**A. Directions:** Estimate the sum by rounding the addends to the nearest hundreds. (2pts)

**26.** 345 **27.** 789 **28.** 256

+ 678 + 432 + 789

**29.** 543 **30.** 678

+ 876 + 901

**Iv. ANALYZING**

**Directions:** Solve the problem below.

Jono entered a pie eating contest over a 5 day period.

He ate 19 pies on the first day, 27 on the second, 24 on

the third, 23 on the fourth and 33 on the fifth day.

How many pies did he eat in total?

**31.** What are given?

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**32.** What is asked?

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**33.** What is the operation to be used?

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**34.** What is the number sentence?

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**35.** What is the complete answer?

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