Republic of the Philippines
Department of Education
Region XI
Division of Butuan
San Carlos District
**MATALANG CENTRAL ELEMENTARY SCHOOL**

**QUARTER 1 SUMMATIVE TEST NO. 3**

| Objectives | CODE | Percentage | No. of Item | Number Placement |
|---|---|---|---|---|
| Multiplies Decimals and Mixed Decimals | | **50%** | **10** | **1-10** |
| Solves Problem involving Multiplication of Decimals | **(M6NS-Id-106 .2).** | **50%** | **10** | **11-20** |
| **TOTAL** | | **100** | **20** | **1 – 20** |

**GRADE 6 – MATH**
www.guroako.com

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MATH 6 Summative Test No. 3
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Name: _____ Date: _____ Score: _____

**I. A. Directions:** Rewrite your answer on your answer sheet. Arrange the partial product properly and find the final product. Place the decimal point in the correct position.

1.) 3.21
x 0.5
1605

2.) 42.6
x 3.2
852
+ 1278

3.) 0. 23
x 0.24
092
+ 046

**B. Direction:** Give the answer to each problem.

4) The product of 32.7 and 0.9 is _____.
5) Find the value of N in the equation: 81.2 x 1.2 = N.

**C. Direction:** Find the product of the following problems below.

6) 8.42 x 0.1 =___
7) When 0.95 is multiplied by 0.01, the correct answer is _____.
8) 23.04 x 0.1
9.) 175.85 x _____ = 1.7585
10) _____ x 0.01 = 180.4932

**II. A. Direction:** Read the problems below and answer the following questions.

> There are 4 fruit vendors in the sidewalk. One day, their average sales for mangoes is 108.96 kilograms. How many kilograms of mangoes were sold that day?

11) What is asked? _____
12) What are given? _____
13) What operation will you use to solve the problem? _____
14) What is the number sentence? _____
15) What is the answer? _____

**B. Directions:** Read, analyze and solve the following problem.

1. The Capote family went to a carnival. They bought 2 tickets for adults at ₱ 80.00 each and 3 tickets for children at ₱ 60.00 each. How much change did she receive from ₱ 500.00 given to the ticket seller?

a. What is asked in the problem?

b. What are the given facts?

c. What are the hidden questions?

d. What operation to be used to solve the problem?

e. What is the number sentence?

***SUMMATIVE TEST 3 ANSWER KEY:***

**I.**

1. 1.605
2. 136.32
3. 0.0552
4. 29.43
5. N=97.44
6. 0.842
7. 0.0095
8. 2.304
9. 0.01
10. 18 049.32

**II.**

**A.**

1. The number of kilograms of mangoes sold that day.
2. 4 vendors, 108.96 kg
3. Multiplication
4. 108.96 kg x 4 = N
5. There were 435.84 kilograms of mangoes sold that day

B.

**a. What is asked in the problem?**

- How much change did she receive from ₱500.00 given to the ticket seller?

**b. What are the given facts?**

- 2 tickets for adults at ₱80.00 each
- 3 tickets for children at ₱60.00 each

**c. What are the hidden question?**

- How much was the cost of 2 tickets for adults
- How much was the cost of 3 tickets for children

**d. What operation to be used to solve the problem?**

- Multiplication, Addition and Subtraction 20

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

Operation No. 1
2 x ₱80.00 = ?
Operation No. 2
3 x ₱60.00 = ?
Operation No. 3
₱500 - (Cost of Ticket for adults + children) = ?

**Answer**

Operation No. 1
2 x ₱80.00 = ₱160
Operation No. 2
3 x ₱60.00 = ₱180
Operation No. 3
₱500 - (₱160 + ₱180) = **160**
**They received ₱160.00 change**