

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**

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

**GRADE 6 – MATH**  
[www.guroako.com](http://www.guroako.com)

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Summative Test No. 3

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.

$$\begin{array}{r} 1.) \ 3.21 \\ \times 0.5 \\ \hline 1605 \end{array}$$

$$\begin{array}{r} 2.) \ 42.6 \\ \times 3.2 \\ \hline 852 \\ + 1278 \end{array}$$

$$\begin{array}{r} 3.) \ 0.23 \\ \times 0.24 \\ \hline 092 \\ + 046 \end{array}$$

**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:  $81.2 \times 1.2 = N$ .

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

- 6)  $8.42 \times 0.1 =$  \_\_\_\_\_  
7) When 0.95 is multiplied by 0.01, the correct answer is \_\_\_\_\_.  
8)  $23.04 \times 0.1$   
9.)  $175.85 \times$  \_\_\_\_\_  $= 1.7585$   
10) \_\_\_\_\_  $\times 0.01 = 180.4932$

**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.  $108.96 \text{ kg} \times 4 = N$
  - 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  
 $2 \times \text{₱}80.00 = ?$   
 Operation No. 2  
 $3 \times \text{₱}60.00 = ?$   
 Operation No. 3  
 $\text{₱}500 - (\text{Cost of Ticket for adults} + \text{children}) = ?$
- Answer**
- Operation No. 1  
 $2 \times \text{₱}80.00 = \text{₱}160$   
 Operation No. 2  
 $3 \times \text{₱}60.00 = \text{₱}180$   
 Operation No. 3  
 $\text{₱}500 - (\text{₱}160 + \text{₱}180) = 160$   
**They received ₱160.00 change**