



Mathematics 4

Microlearning Module QUARTER 2 – Module 6

Representing Situations Involving One or More of the Four Operations Using a Number Sentence



REGION XII - DIVISION OF SULTAN KUDARAT

Mathematics 4 Microlearning Module (MLM) Quarter 2 Module 6: Representing Situations Involving One or More of the Four Operations Using a Number Sentence

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MICROLEARNING MODULE

Name:		Grade & Sec:	Score:			
Subject:	Mathematics 4	_ Quarter:4	MLM No.: <u>6</u>			
Teacher:						
Competency: Represent situations involving one or more of the four						
operations using a number sentence						

A. Look Back!

Estimate the quotient of the following. Write your answer on a separate sheet of paper.

7 894 ÷ 43 =
6 384 ÷ 24 =
8 615 ÷ 31 =
5 678 ÷ 64 =
3 456 ÷ 54 =

B. What's New?

Read and understand the given mathematical sentence.

The sum of twenty and sixty is equal to the product of twenty and four.

The above mathematical sentence can be translated into a number sentence;

 $20 + 60 = 20 \ge 4$

C. What Is It?

What is a number sentence?

A **number sentence** is a combination of numbers and mathematical operation symbols which are often required to solve a problem.

Below are examples of number sentences:

32 + 57 =? 5 x 6 = 10 x ____ Here are some examples of mathematical sentences with their corresponding number sentence equivalents.

1. There were thirty-two boys and thirty-five girls who attended the District Math Olympics. How many attendees were there?

32 + 35 = ?

2. What number can be added to forty to make it one hundred?

____+ 40 = 100

3. Number nine added with number thirty is equal to 12 added to _____?

9 + 30 = 12 + ____

4. The difference of ninety-nine to seventy-five is _____?

99 – 75 = ?

5. One hundred fifty divided into fifty is equal to ____?

100 ÷ 50 = ?

D. Let's Try!

On a separate sheet of paper, write a number sentence from the given situations below.

1. The sum of twenty-four and forty-five is _____.

2. Forty-five combined with sixty-six is _____.

- 3. Twenty-five combined with 25 is equal to ten multiplied by
- 4. Eight is the difference of nineteen and eleven_____.
- 5. What is the quotient of one hundred divided by twenty- five?

E. Let's Evaluate

On a separate sheet of paper, write a number sentence from the given situations.

 The sum of twenty-three combined with fifty-two is equal to fifteen multiplied by ____?

- 2. The sum of fifty-seven and sixty-three is ____?
- 3. One hundred twenty-five divided by twenty-five is equal to five.
- 4. Twenty -two is the difference of forty-five and twenty-three.
- 5. Number twelve is added with the number twenty-eight is equal to ten multiplied by ____?

- 6. Eighteen apples deducted by six is equal to two multiplied by
- 7. Fifty deducted by twenty-five is equal to five multiplied by _____?
- 8. Ten added by twenty is equal to three multiplied by.
- 9. Twenty-five boys combined with twenty-six girls in a class is equal to _____?
- 10. One hundred fifty is equal to thirty multiplied by ____?

Challenge!

On a separate sheet of paper, write the number sentence for the following situations.

The library is being relocated which makes the librarians busy organizing the books.

- 1. Three boxes filled with fiction books and two boxes filled with reference books were just delivered. If each box is filled with 120 books, how many fiction books are there?
- 2. A librarian takes out 40 reference books to put on the shelf from the boxes just delivered. Then, she takes out another 65 reference books and leave them at the checkout counter. How many reference books are left in the boxes?

3. There were 445 non-fiction books in the school library but 83 went missing and 45 were transferred to another library. How many non-fiction books are left?

B. Create two mathematical situations, and write their corresponding number sentence equivalents. Write your answer on a separate sheet of paper.

F. References:

Hizon, Rosemarie G.and Karen A.Tales .Growing up with Math.FNB Educational , Inc., Quezon City , 2019

MATATAG Curriculum | Department of Education. (n.d.). <u>https://www.deped.gov.ph/matatag-curriculum/</u>

K5 Learning. (n.d.). 4 Operations: Mixed word problems. <u>https://www.k5learning.com/free-math-worksheets/fourth-</u> grade-4/word-problems/4-operations

K5 Learning. (n.d.-b). *Addition & subtraction word problems*. https://www.k5learning.com/free-math-worksheets/fourth-grade-4/word-problems/addition-subtraction

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10.150 = 30 x2. Answers vary 1. Answers vary $8.10 + 20 = 3 \text{ x}_{-}$ В. 7.50 - 25 = 5 x _ — x 2 =9 - 81.9 .ff. 5.12 + 28= 10x_ роока uoitɔit-non 4.45 - 23 = 22 317 There are 317 $3.125 \div 25 = 5$ 3. 3. 445 - 83 - 45 = 5.57 + 63 = _ left in the boxes. 1.23+52=15x_ 135 reference books - 65 = 135 There are E. Let's Evaluate 2. 2. 120 + 120 - 40 fiction books. 2.100 ÷ 25 = ____ 360 There are 360 8 = 11-91.4 1.120 + 120 + 120 =3.25 + 25 = 10 xА. (ргоседигея тау уагу) ጋ.45 + 66 = _ Math Challenge!].24 + 45 = _ D. Let's Try 2.60 4.100 3.300 2. 300 1.200 their highest place value. Then divide. 1. In estimating quotients, round the dividend and the divisor by to А. Look back

Math Grade 4 Q2 LC6 Answer Key