



Mathematics 4 Microlearning Module

QUARTER 2 – Module 1

Multiplying Whole Number with Two-Digit Multiplier with and Without Regrouping





REGION XII - DIVISION OF SULTAN KUDARAT

Mathematics 4 Microlearning Module (MLM) Quarter 2 – Module 1: Multiplying Whole Number with Two-Digit Multiplier With and Without Regrouping First Edition, 2024

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MICROLEARNING MODULE

Name:	Grade & Sec:	Score:		
Subject: <u>Mathematics</u>	Quarter:	MLM No		
Teacher:				
Competency: Multiply two numbers with and without regrouping:				
a. 3 to 4- digit numbers by 1 – digit numbers, and				
b. 2 to 3-digit numbers, with products up to 1 000 000				

A. Look Back!

Directions. Match column A with column B. Write your answer in the blank.

Α	В
1. 34 864 + 23 754	a. 34 776
2. 23 432 + 52 343	b. 87 974
3. 41 762 + 32 086	c. 58 618
4. 12 452 + 22 324	d. 73 848
5. 51 231 + 36 743	e. 75 775

B. What's New?

Directions. Find the product of the following, and write your answer in the space provided.

1. 12 x 10 =	6. 9 x 11 =
2. 20 x 5 =	7. 25 x 2 =
3. 32 x 3 =	8. 11 x 4 =
4. 10 x 22 =	9. 23 x 12 =
5. 30 x 10 =	10. 22 x 7 =

C. What Is It?

A number sentence is also called an equation; thus, an example of an equation is:



The *multiplicand* is the number that is multiplied.

The *multiplier* is the number that shows how many the multiplicand is to be multiplied.

The *product* is the result of multiplying numbers.

Multiplying the numbers, you get the answer below:



To multiply a number by two – a digit multiplier, multiply by the ones digit of the multiplier first, then by the tens digit of the multiplier. Regroup as needed. Add the partial product to get the final product.

D. Let's Try!

Directions. Fill in the box with the correct digits by multiplying the multiplicand and the multiplier. Then, write the product.



E. Let's Evaluate

A. Find the products of the following:

1.) 312	2.) 542	3.) 739
<u>x 43</u>	<u>x 13</u>	<u>x 58</u>
4.) 1342	5.) 2478	6.) 957
<u>x 54</u>	<u>x 34</u>	<u>x 36</u>

Challenge!

Directions. Analyze and solve the following problem.

1. Rene sold 50 cupcakes while Liza sold 60 cupcakes. The cupcakes were sold at the same price. If the total amount received was P1,650, how much did each of them receive?

2. Mary had eight 20-peso bills, seven 50-peso bills, and ten 100-peso bills in her pouch. How much money does she have?

3. What number, when multiplied by itself, will have the same product as $25 \ge 9$?

F. References

Creag, Herminia C. 2022. Real–Life Mathematics 4 Second Edition. Quezon City, Philippines: ABIVA Publishing House, Inc.

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				3.) 15			
	5')						
	1.) Rene received P750 and Liza received P900.						
	Challenge!						
		4 452	9. 3				
	2. 93 150 5. 84 252						
		897 7	57 .A	4. 102 358			
	7 816 3. 42 862			3. 37 816			
	940 2.7 046			2. 20 640			
	1. 13 416			1.8272			
			B.	.А			
			ອງຮ	E. Let's Evalu			
59 252	23 814	440401	02992	13824			
+28840	+ 55 680	00286 +	+ 25400	+ 12960			
412	1 134	11244	1270	7 98			
<u>Γ</u> x	<u>59 x</u>	<u>95 x</u>	<u>x 42</u>	<u>x 32</u>			
5. 412	4. 378	3. 1874	5. 635	1.432			
				D. Let's try			
			154	2.300 10			
			922	4 [°] 550 6 [°]			
			44	3. 96 .8			
			20	2. 100 <i>7</i> .			
			66	1.120 6.			
			Δ	в. What's Vev			
				5. b			
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