

 GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	IV
	Teacher:		Learning Area:	MATHEMATICS
	Teaching Dates and Time:	SEPTEMBER 19- 23, 2022 (WEEK 5)	Quarter:	1ST QUARTER

	LUNES	MARTES	MIYERKULES	HUWEBES	BIYERNES
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I. OBJECTIVES				
A. Content Standards	Demonstrates understanding of multiplication and division of whole numbers including money			
B. Performance Standards	Is able to apply multiplication and division of whole numbers including money in mathematical problems and real-life situations			
C. Learning Competencies/ Objectives (Write the LCcode for each)	Solves multi-step routine and non-routine problems involving multiplication and addition or subtraction using appropriate problem solving strategies and tools. M4NS-Ie-45.5			
II. CONTENT (Subject Matter)	Solving Multi-step Problems Involving Multiplication and Addition or Subtraction At the end of this module, you will be able to solve multi-step routine and non-routine problems involving multiplication and addition or subtraction using appropriate problem solving strategies and tools.	Solving Multi-step Problems Involving Multiplication and Addition or Subtraction At the end of this module, you will be able to solve multi-step routine and non-routine problems involving multiplication and addition or subtraction using appropriate problem solving strategies and tools.	Solving Multi-step Problems Involving Multiplication and Addition or Subtraction At the end of this module, you will be able to solve multi-step routine and non-routine problems involving multiplication and addition or subtraction using appropriate problem solving strategies and tools.	
III. LEARNING RESOURCES				
A. References				
1. Teacher's Guide pages	Math 4, Module 9		Math 4, Module 9	
2. Learner's Material pages				
3. Textbook pages				

4. Additional Materials from Learning Resource LR portal			
B. Other Learning Resources	Flashcards, pictures, illustrations	Cutouts, activity sheets, pictures	Cutouts, activity sheets, pictures
IV. PROCEDURE			
	What I Know A. Solve each problem and choose the letter of the correct solution. 1. Marjorie has a daily snack allowance of ₱30. She buys two pieces of Lumpiang Toge at ₱12 each and saves the rest. How much is her daily savings? A. $2 \times ₱12 = ₱24$ $₱30 - ₱24 = ₱6$ C. $2 \times ₱30 = ₱60$ $₱30 - ₱24 = ₱6$ B. $2 \times ₱30 = ₱60$ $₱60 - ₱12 = ₱48$ D. $2 \times ₱12 = ₱24$ $₱30 - ₱12 = ₱18$ 2. Mrs. Cruz has a cellphone load retail store. She adds ₱3 as her profit for every ₱30 and ₱20 load. How much is her total sales and profit if 4 customers purchased cellphone load worth ₱30 each and 3 customers purchased ₱20 each? A. $₱30 \times 4 = ₱120$ $₱20 \times 3 = ₱60$ $₱120 + ₱60 = ₱180$ C. $₱33 \times 4 = ₱132$ $₱23 \times 3 = ₱69$ $₱132 + ₱69 = ₱201$ B. $(₱30+3) \times 4 = ₱132$ $(₱20+3) \times 3 = ₱69$ $₱132 + ₱69 = ₱201$ $(4+3) \times ₱3 = ₱21$ D. $₱30 \times 4 = ₱120$ $₱20 \times 3 = ₱60$ $₱120 + ₱60 = ₱180$ $(4+3) \times ₱3 = ₱21$ 3. Mang Roque harvested 12 500 ears of corn from each of the 12 plots of his farm while Mang Romy harvested 8 540 ears of corn from each of the 18 plots of his farm. Who harvested more ears of corn?	What is It Let us see if we have the same answer. To analyze and solve the problem, you can use these steps: A. UNDERSTAND 1. Read and understand the problem. 2. Know what is asked in the problem. The total number of eggs (duck and chicken eggs combined) 3. Know the hidden information. The number of duck eggs in 4 trays The number of chicken eggs in 12 trays 4. Find the necessary information. The given facts are: Four (4) trays of duck eggs are collected 12 trays of chicken eggs are collected There are 30 eggs in each tray B. PLAN 1. Determine the operations to be used. MULTIPLICATION and ADDITION 2. Write the number sentences for the hidden information. $4 \times 30 = d$ (duck eggs) $12 \times 30 = c$ (chicken eggs) Write the number sentence for the final answer. $(4 \times 3) + (12 \times 30) = n$ (total number of eggs collected)	What I Can Do Solve the following problems. Choose the letter of the correct answer. 1. Bino and his twin sister, Vina, went to a beach to gather some shells for their school project. Bino has 3 bags with 30 shells each and Vina has 2 bags with 25 shells each. How many shells do they have in all? A. 125 shells C. 140 B. 165 shells D. 110 2. Mr. Dechavez has pigs and ducks in his farm. He counted 5 heads and 16 feet. How many pigs are there? How many ducks are there? A. 2 pigs and 3 ducks C. 1 pig and 4 ducks B. 3 pigs and 2 ducks D. 4 pigs and 1 duck 3. The Grade 4 pupils of Maligaya Elementary School went on a field trip. Six buses were filled with 46 pupils each. However, 18 pupils traveled in cars. How many pupils in all joined the field trip? A. 249 pupils C. 284 B. 276 pupils D. 294

	Solve the following problems. Choose the letter that corresponds to your answer. 1. The manager of a poultry farm pays each of his workers ₱270 a day. How much does he pay for 15 workers in a day? A. ₱4 050 B. ₱285 C. ₱4 500 D. ₱255 2. A leading bag manufacturer can produce at an average, 375 bags an hour. At this rate, how many bags can it produce in 24 hours? A. 900 B. 9 000 C. 399 D. 351 3. One square table can sit four persons with one person occupying each side. How many persons can sit if four tables are placed end to end? A. 8 B. 10 C. 16 D. 32	1. What is asked in the problem? _____ 2. What is the hidden information? _____ 3. What are the given facts? _____ 4. What are the operations to be used? _____ 5. What is the number sentence? _____ 6. What is the final answer? _____ B. Solve the problem below. Show your solutions and state the final answer. There are 53 electric posts along a straight highway. The first post is in the town of Mabini and the last post is in the town of Matiwasay. If each post is 50 meters away from the next, how far are the 2 towns from each other? Solution/Illustration Final Answer: _____	in a training. How many paper plates were left unused? 2. Mary Ann does 124 sit-ups a day for 6 days while Paul Jake does 152 sit-ups a day for 4 days. Who does more sit-ups? 3. There are motorcycles and tricycles parked along the road. There are 5 vehicles and 12 wheels in all. How many motorcycles are there? How many tricycles are there? 4. A certain water refilling station refills four-gallon jug at ₱30 for delivery or ₱25 for pick-up. What is the total payment for 10 deliveries and 21 pick-ups? 5. A PisoNet Café offers 3 – minute internet surfing for only ₱1 and printing for ₱2 per page. If the café collected ₱589 for the internet surfing and printed 800 pages, how much will be the total sales? 6. Harold posted a picture of his mother’s birthday celebration on Facebook at 6:00 pm. After two hours, he saw different reactions of his post, so he counted them. There are 35 likes, 40 love, and 20 wow reactions. And in the next morning, when he checked his post, he noticed that all the reactions are doubled. How many reactions are there in all? 7. A grocery store strictly observes social distancing of one meter for their customers paying at the cashier. What is the total distance from the first paying customer to the last customer if there are 20 customers in a straight line? 8. Florida is cooking leche flan. She mixes 8 eggs and 2 cans of
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			condensed milk for one Leche Flan. How many eggs and cans of condensed milk are needed if she will cook 24 leche flans? 9. Mrs. Montes bought a washing machine at ₱6 540 and two DVD players at ₱850 each. How much will she need to pay? 10. Lilibeth bought 100 pieces of apples at ₱12 each and sells them at ₱15 each. How much will she gain if all the apples are sold?
	What's New Do you have pets? How do you take care of them? What are the uses of animals to us? Read the problem During weekends, Edwin helps his father in their farm by taking care of the animals like ducks, chickens, cows, and goats. Edwin and his father collected 4 trays of duck eggs and 12 trays of chicken eggs. If each tray contains 30 eggs, how many eggs are there in all?		

E. Which of my teaching strategies worked well? Why did these work?	<i>Strategies used that work well:</i> ___ Group collaboration ___ Games ___ Power Point Presentation ___ Answering preliminary activities/exercises ___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	<i>Strategies used that work well:</i> ___ Group collaboration ___ Games ___ Power Point Presentation ___ Answering preliminary activities/exercises ___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	<i>Strategies used that work well:</i> ___ Group collaboration ___ Games ___ Power Point Presentation ___ Answering preliminary activities/exercises ___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	<i>Strategies used that work well:</i> ___ Group collaboration ___ Games ___ Power Point Presentation ___ Answering preliminary activities/exercises ___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks	<i>Strategies used that work well:</i> ___ Group collaboration ___ Games ___ Power Point Presentation ___ Answering preliminary activities/exercises ___ Discussion ___ Case Method ___ Think-Pair-Share (TPS) ___ Rereading of Paragraphs/Poems/Stories ___ Differentiated Instruction ___ Role Playing/Drama ___ Discovery Method ___ Lecture Method <i>Why?</i> ___ Complete IMs ___ Availability of Materials ___ Pupils' eagerness to learn ___ Group member's Cooperation in doing their tasks
F. What difficulties did I encounter which my principal or supervisor can help me solve?	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works	___ Bullying among pupils ___ Pupils' behavior/attitude ___ Colorful IMs ___ Unavailable Technology Equipment (AVR/LCD) ___ Science/ Computer/ Internet Lab ___ Additional Clerical works
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition	<i>Planned Innovations:</i> ___ Localized Videos ___ Making use big books from views of the locality ___ Recycling of plastics to be used as Instructional Materials ___ local poetical composition