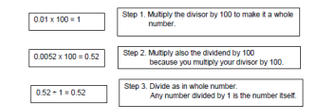
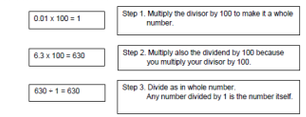
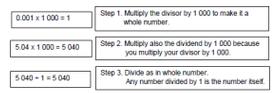
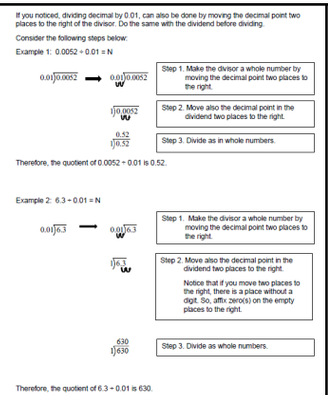
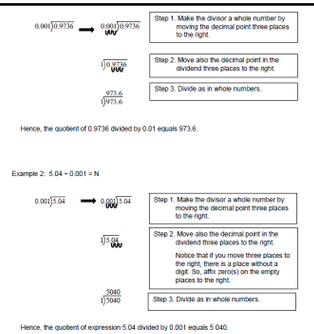
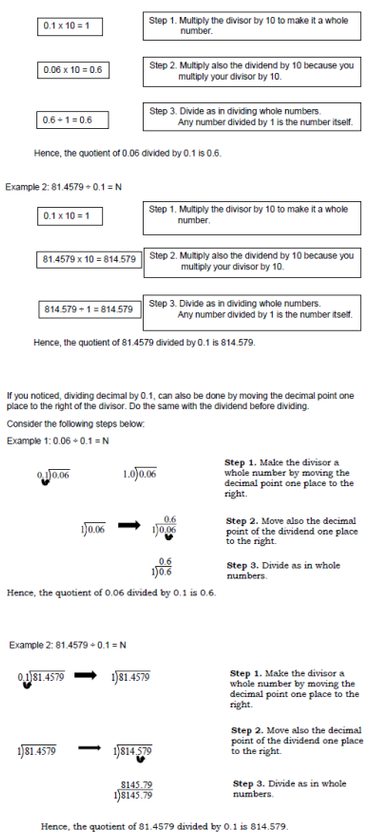
GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	VI
	Teacher:	File Created by DepEd Click	Learning Area:	MATHEMATICS
	Teaching Dates and Time:	OCTOBER 3-7, 2022 (WEEK 7)	Quarter:	1ST QUARTER

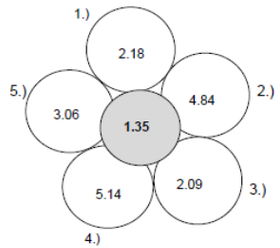
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
I.OBJECTIVES					
A.Content Standards	The learner demonstrates understanding of the four fundamental operations involving fractions and decimals.				
B.Performance Standards	The learner is able to apply the four fundamental operations involving fractions and decimals in mathematical problems and real-life.				
C. Learning Competencies	divides decimals: a. up to 4 decimal places by 0.1, 0.01, and 0.001 b. up to 2 decimal places by 10, 100, and 1 000 mentally				
II.*CONTENT*	**Dividing decimals up to 4 decimal places by 0.1** After going through this module, you are expected to: 🎬 1. divide decimals up to 4 decimal places by 0.1;		**Dividing decimals up to 4 decimal places by 0.01** After going through this module, you are expected to: 🎬 2. divide decimals up to 4 decimal places by 0.01;	**Dividing decimals up to 4 decimal places by 0.001** After going through this module, you are expected to: 🎬 3. divide decimals up to 4 decimal places by 0.001; 4. divide decimals up to 2 decimal places by 10. 100, and 1 000 mentally	WEEKLY TEST
III. *LEARNING RESOURCES*					
A.References					
1.Teacher's Guide Pages					
2.Learner's Materials Pages					
3.Textbook Pages					
4. Additional Materials from Learning Resources (LR) Portal					
B.Other Learning Resources					
IV. *PROCEDURES*					
	What's In	**What's More**	**What's In**	**What's In**	WEEKLY TEST

	Multiply the following. Write your answer on a sheet of paper. 1.) 0.5 x 0.1 = N 2.) 0.34 x 0.1 = N 3.) 6.2 x 0.1 = N 4.) 41.78 x 0.1 = N 5.) 950.2634 x 0.1 = N	Give the quotient. Write your answers on your answer sheet. Example: 589.67 ÷ 0.1 = 5896.7 1.) 0.0003 ÷ 0.1= ☐ 2.) 51.379 ÷ 0.1 = ☐ 3.) 906.8 ÷ 0.1= ☐ 4.) 4.021 ÷ 0.1 = ☐ 5.) 0.5633 ÷ 0.1= ☐	Find the quotient. Write your answers on your answer sheet. 1.) 0.21 ÷ 0.1 = ☐ 2.) 340.572 ÷ 0.1 = ☐ 3.) 0.836 ÷ 0.1 = ☐ 4.) 4.09 ÷ 0.1 = ☐ 5.) 0.005 ÷ 0.1 = ☐ **What's New** Look at the following number sentences. How will you find each quotient? 1) 0.0052 ÷ 0.01 = N 2) 6.3 ÷ 0.01 = N **What is It** Example 1: 0.0052 ÷ 0.01 = N Consider the following steps below:  0.01 x 100 = 1 — Step 1. Multiply the divisor by 100 to make it a whole number. 0.0052 x 100 = 0.52 — Step 2. Multiply also the dividend by 100 because you multiply your divisor by 100. 0.52 ÷ 1 = 0.52 — Step 3. Divide as in whole number. Any number divided by 1 is the number itself. Hence, the quotient of 0.0052 divided by 0.01 is 0.52. Example 2: 6.3 ÷ 0.01 = N Consider the following steps below:  0.01 x 100 = 1 — Step 1. Multiply the divisor by 100 to make it a whole number. 6.3 x 100 = 630 — Step 2. Multiply also the dividend by 100 because you multiply your divisor by 100. 630 ÷ 1 = 630 — Step 3. Divide as in whole number. Any number divided by 1 is the number itself. Hence, the quotient of expression 6.3 divided by 0.01 is 630.	Give the quotient. Write the solutions on your answer sheet. 1.) 9.844 ÷ 0.1 = N 2.) 0.017 ÷ 0.01 = N 3.) 0.2346 ÷ 0.01 = N 4.) 80.98 ÷ 0.1 = N 5.) 0.0005 ÷ 0.01 = N **What's New** Look at the following number sentences. How will you find each quotient? 1) 0.9736 ÷ 0.001 = N 2) 5.04 ÷ 0.001 = N **What is It** Example 1: 0.9736 ÷ 0.001 = N Consider the following steps below:  0.001 x 1 000 = 1 — Step 1. Multiply the divisor by 1 000 to make it a whole number. 5.04 x 1 000 = 5 040 — Step 2. Multiply also the dividend by 1 000 because you multiply your divisor by 1 000. 5 040 ÷ 1 = 5 040 — Step 3. Divide as in whole number. Any number divided by 1 is the number itself. Hence, the quotient of expression 5.04 divided by 0.001 equals 5 040.	

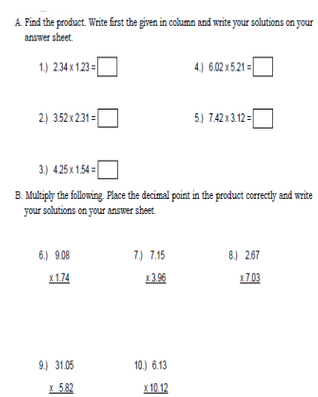
					
	What's New Study the following equations. 0.06 ÷ 0.1 = 0.6 81.4579 ÷ 0.1 = 814.579 Do you know how get the quotient? **What is It** When dividing a decimal by another decimal, remember that you need to make the divisor a whole number first. To do it, multiply your divisor which is 0.1 by 10 to make it 1, which is a whole number. Do the same with your dividend before doing the division operation. Example 1: 0.06 ÷ 0.1 = N Consider the following steps below:	**What I Have Learned** To divide decimals up to 4 decimal places by 0.1, follow these steps: 1. Change the divisor into a whole number by multiplying it by 10. The same goes for the dividend. 2. Divide the dividend by the divisor the way you divide whole numbers. **What I Can Do** A. Complete each statement. 1.) 1.15 divided by 0.1 equals _____. 2.) The quotient of 0.0009 ÷ 0.1 is _____. 3.) 100.3 divided by 0.1 is equal to _____. 4.) If you divide 0.9374 by 0.1, the answer is _____. 5.) 39.48 ÷ 0.1 is _____.	**What's More** Divide the following decimals. Write the correct answer on your answer sheet. 1.) 0.1579 ÷ 0.01 = ☐ 2.) 45.3 ÷ 0.01 = ☐ 3.) 0.0008 ÷ 0.01 = ☐ 4.) 960.237 ÷ 0.01 = ☐ 5.) 2.408 ÷ 0.01 = ☐ **What I Have Learned** To divide decimals up to 4 decimal places by 0.01, follow these steps: 1. Change the divisor into a whole number by multiplying it by 100. The same goes for the dividend. When necessary, annex zero or	**What's More** Find the quotient of the following items. Write your solutions on your answer sheet. 1.) 0.0005 ÷ 0.001= N 2.) 0.1328 ÷ 0.001 = N 3.) 0.974 ÷ 0.001 = N 4.) 1.006 ÷ 0.001 = N 5.) 50.8037 ÷ 0.001 = N **What I Can Do** A. Find the quotient of the following. Write the solutions on your answer sheet. 1.) 0.7304 ÷ 0.001 = N 2.) 4.1589 ÷ 0.001 = N 3.) 22.433 ÷ 0.001 = N 4.) 0.55 ÷ 0.001 = N 5.) 0.0096 ÷ 0.001 = N	

		B. Solve the following problems. 6.) Marvin bought a bottle of insecticide which contains 0.485 liter. The instruction says: “mix 0.1 liter per gallon of water.” How much water is needed to use all the insecticide? 7.) Father has a piece of log 5.30 meters long. How many 0.1 meter pieces of log can be cut from it? **Assessment** Find each quotient. Write your answers on your answer sheet. 1.) 0.85 ÷ 0.1 = ☐ 2.) 5.43 ÷ 0.1= ☐ 3.) 8.375 ÷ 0.1 = ☐ 4.) 2.96 ÷ 0.1= ☐ 5.) 27.69 ÷ 0.1 = ☐ 6.) 0.5479 ÷ 0.1 = ☐ 7.) 0.803 ÷ 0.1 = ☐ 8.) 8.6412 ÷ 0.1 = ☐ 9.) 0.0002 ÷ 0.1 = ☐ 10.) 97.3 ÷ 0.1 = ☐	zeros in the dividend if there is/are empty place values to the right after multiplying it by 100. 2. Divide the dividend by the divisor the way you divide whole numbers. **What I Can Do** A. Find the quotient. Write your answers on your answer sheet. 1.) 0.0523 ÷ 0.01 = _____ 2.) 0.4597 ÷ 0.01 = _____ 3.) 8.457 ÷ 0.01 = _____ 4.) 11.003 ÷ 0.01 = _____ 5.) 200.8 ÷ 0.01 = _____ B. Read and solve each problem. Write your answers on your answer sheet. 6.) The distance around the circular garden is 7.65 meters. It is surrounded by bamboo slot fence of uniform width size 0.01meter, put side by side without gap. How many bamboo slots were used? 7.) Cardo puts 0.01 kilogram of dried mango in each sachet. How many sachets could be filled if he has 9.42 kilograms?	B. Read and solve each problem. Write your answers on your answer sheet. 6.) Mr. Cortez bought a bottle of chlorine which contains 0.573 liter. The direction for use states: “mix 0.001 liter per gallon of water”. How much water is needed to consume all the chlorine? 7.) A 1.063-meter long stick has marking every 0.001 of a meter. Assuming that the starting point or zero point has no marking, how many marks are there in all? ***Assessment*** Give the quotient of the following items. Write your solutions on your answer sheet. 1.) 0.007 ÷ 0.001 = N 2.) 0.8329 ÷ 0.001 = N 3.) 0.246 ÷ 0.001 = N 4.) 5.0547 ÷ 0.001 = N 5.) 9.85 ÷ 0.001 = N 6.) 61.2471 ÷ 0.001 = N 7.) 80.003 ÷ 0.001 = N 8.) 9.4052 ÷ 0.001 = N 9.) 341.621 ÷ 0.001 = N 10.) 0.8 ÷ 0.001 = N	

		Additional Activities A. Find the quotient of the following mathematical expressions and write your answers on your answer sheet. 1.) 0.455 ÷ 0.1 = ☐ 2.) 0.03137 ÷ 0.1 = ☐ 3.) 1.752 ÷ 0.1 = ☐ 4.) 29.4 ÷ 0.1 = ☐ 5.) 0.0003 ÷ 0.1 = ☐	**Assessment** Give the quotient. Write the answers on your answer sheet. 1.) 0.652 ÷ 0.01= ☐ 2.) 0.0963 ÷ 0.01= ☐ 3.) 5.1894 ÷ 0.01= ☐ 4.) 0.54 ÷ 0.01= ☐ 5.) 57.365 ÷ 0.01= ☐ 6.) 0.02 ÷ 0.01= ☐ 7.) 6.49 ÷ 0.01= ☐ 8.) 0.908 ÷ 0.01= ☐ 9.) 0.6 ÷ 0.01 = ☐ 10.) 7.04 ÷ 0.01= ☐		

			What's More A. Multiply the decimal at the center with the decimals around it. Write your solutions on your answer sheet. Example: 4.07 x 1.35 =? 4.07 x 1.35 2035 1221 + 407 5.4945  B. Read and solve using the appropriate strategy. Write your solution on your answer sheet.	**Assessment** A. Find the product. Write first the given in column and write your solutions on your answer sheet. 1.) 0.56 x 4.15 = ☐ 2.) 3.45 x 0.26 = ☐ 3.) 9.22 x 0.54 = ☐ 4.) 4.38 x 0.19 = ☐ 5.) 0.66 x 3.93 = ☐ B. Multiply. Place the decimal point in the product correctly. 6.) 7.96 x 0.27 7.) 8.15 x 0.52 8.) 12.67 x 0.04 9.) 5.08 x 0.29 10.) 8.74 x 0.53 C. Read, analyze, and solve. Write your solution on your answer sheet with label in the final answer. Kaye's allowance is ₱800 a week. She spent ₱95.00 for transportation, ₱475.50 for meals and snacks, and ₱50.25 for the photocopy of handouts. How much money can she save in 2 weeks?	

			A drugstore sells a piece of face mask at ₱17.90. The price of a bottle of 100-ml alcohol is ₱12.25 more than the price of a piece of face mask. If Carla paid ₱480.50 for the equal number of face masks to the number of bottles of 100-ml alcohol, how many of these items did she buy?		
			What I Have Learned **To multiply a mixed decimal by a mixed decimal with factors up to 2 decimal places do the following:** 1. Write the decimals in column aligning the digits at the right. 2. Multiply from the rightmost digit of the multiplier to the digits of the multiplicand to get the first, second and third partial products. 3. Sum up the partial products. 4. Count the number of decimal places in the factors. This will be the number of decimal places in the final product. Start counting from right to left. **What I Can Do** A. Multiply the following and place the decimal point in the product correctly. Write your solutions on your paper. 1.) 4.42 x 2.16 2.) 2.48 x 1.63 3.) 15.47 x 5.32 4.) 3.97 x 1.02 5.) 7.40 x 5.24		

			B. Read, analyze and solve. Write your solutions with label on your answer sheet. 6.) If one meter of cloth costs ₱65.60, how much will 1.75 meter cost? 7.) In a vegetable stand, a kilogram of okra is sold at ₱40.50. A kilogram of squash is sold ₱5.00 less than the price of a kilogram of okra. If Aling Doray paid the vegetable vendor ₱228.00 for the equal kilograms of okra to the kilograms of squash she bought, how many kilograms of each kind of vegetable did she buy?		
			ASSESSMENT  C. Read, analyze and solve. Write your solution with label on your answer sheet. Mang Ambo is a meat vendor. He sells a kilogram of pork at ₱180.00 and a kilogram of beef which is ₱15.25 more than the price		

			of a kilogram of pork. If Dindo gave Mang Ambo ₱1 125.75 for the equal kilograms of pork to the kilograms of beef, how many kilograms of each kind of meat did he buy?		
V.*REMARKS*					
VI. *REFLECTIONS*					
A.No.of learners who earned 80% in the evaluation					
B. No.of learners who requires additional acts.for remediation who scored below 80%					
C. Did the remedial lessons work? No.of learners who caught up with the lessons					
D. No.of learners who continue to require remediation					
E. Which of my teaching strategies worked well? Why did this work?					
F. What difficulties did I encounter which my principal/supervisor can help me solve?					
G. What innovations or localized materials did I used/discover which I wish to share with other teachers?					