Strand:	Number	**Sub-Strand:**	Number Operations
Content Standard:	B.7.1.2.2 Demonstrate an understanding of addition, subtraction, multiplication and division of (i) whole numbers, and (ii) decimal numbers, to solve problems.		

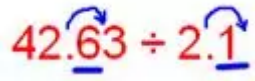
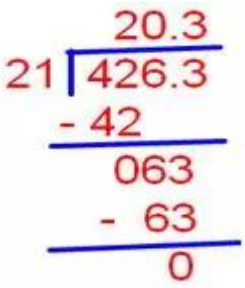
BASIC 7

WEEKLY LESSON PLAN – WEEK 4

Indicator (s)	B7.1.2.2.1 Add and subtract up to four-digit numbers. B71.2.2.2 Multiply or divide multi-digit numbers by 1- and 2- digit numbers B7.1.2.2.3. Create and solve story problems involving decimals on the four basic operations.		**Performance Indicator:** Learners can solve word problems involving decimals.		
Week Ending	04-10-2024				
Class	B.S.7	**Class Size:**		**Duration:**	
Subject	Mathematics				
Reference	Mathematics Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.				
Teaching / Learning Resources	Pictures, number chat, word chat showing story problems.		**Core Competencies:**	• Can effectively evaluate the success of solutions they have used to attempt to solve a complex problem • Create simple logic trees to think through problems • Can effectively evaluate the success of solutions they have used to attempt to solve a complex problem	

DAY/DATE	**PHASE 1 : STARTER**	**PHASE 2: MAIN**	**PHASE 3: REFLECTION**
TUESDAY	Show Learners a video of adding and subtracting four-digit numbers.	1. Demonstrate how to use place value chart to add and subtract four-digit numbers 2. Assist Learners to add and subtract four-digit numbers using place value system.	Learners brainstorm to solve more questions on adding and subtracting four-digit numbers.

			
THURSDAY	Individual Learners brainstorm to add and subtract decimals.	1. Demonstrate multiplying multi-digit numbers by 1- and 2- digit numbers. 2. Learners in small groups to discuss and solve multiplication of multi-digit numbers by 1- and 2- digit numbers. 3. Assist Learners to use distributive Property to multiply multi-digit numbers by 1- and 2- digit numbers. Place value method 1. 345x27 = 345 x 27 2. 2,415 + 6,900 9,315 Lattice method: Draw a 2 by 3 lattice for solving 345 × 27. Eg. Use the distributive property to multiply 325x 15 =325 x (10 + 5) = 325 x 10 +325 x 5 =3,250 + 1,625 =4,8	Individual Learners practice dividing multi-digit numbers by 1- and 2- digit numbers. **Exercise;** 1. 3594 X 6 2. 1400 X 5 3. 1049 X20 4. 4500 / 4 5. 1390/ 2

FRIDAY	Review Learners knowledge on the previous lesson.	1. Learners brainstorm to create examples of word problems involving decimals. 2. Demonstrate solving word problems involving decimals. 3. Assist Learners to solve word problems and word problems on data presented in a table. **Word Problems on Decimals** • The product of two numbers is 42.63. If one number is 2.1, find the other. Solution: Product of two numbers = 42.63. • John bought 9.25m of cloth for $425.50. Find the cost price per metre. Solution: Cloth bought by John = 9.25 m. • One kg Basmati rice costs $ 43.75. Find the cost of 17 kg of rice Eg. The product of two numbers is 42.63. If one number is 2.1, find the other. *Solution:* Product of two numbers = 42.63 One number = 2.1 Other number = 42.63 ÷ 2.1  = 426.3 ÷ 21  Therefore, the other number is = 20.3 **Answers: 20.3**	Learners in small group to discuss word problem questions about decimals and solve them. **Exercise;** 1. John bought 9.25m of cloth for $425.50. Find the cost price per metre. 2. One kg Basmati rice costs $ 43.75. Find the cost of 17 kg of rice. 3. The length of a ribbon is 1.28 m. The length of a rope is 2.74 m longer than the ribbon. What is the length of the rope? 4. A pail holds 5.2 l of water. A bottle holds 3.9 l less water than the pail. What is the volume of water in the bottle?

			5. Susan has 4 times as much money as her sister. If Susan has $10, how much money does her sister have?

Name of Teacher: **School:** **District:**