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Learning Activity Sheet for Mathematics 5

Quarter 4

Lesson

1

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Learning Activity Sheet for Mathematics Grade 5
Quarter 4: Lesson 1
SY 2025-2026

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LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	4
Lesson No.:	1	Date:	
Lesson Title/ Topic:	Recognizing Multi-Step Problems Involving Decimals and Money		
Name:		Grade & Section:	

- I. Activity No. 1:** Guided Practice
- II. Objective(s):** At the end of the activity, you should be able to solve multi-step problems involving the division of decimals.
- III. Materials Needed:** pen and paper
- IV. Instructions:** Analyze the given situation. Solve the following provided with your solution.
- A cookie factory used 22 lbs of cocoa to make 8 batches of muffins. How many pounds of cocoa did the factory put in each batch?
 - Zach paid Php 288 for 2.5kg of oranges. How much did she pay per kg?
 - A box of 12 pencils cost Php 117. How much does each pencil cost?
 - School lunches cost Php 950 a month (4 weeks). How much does Aaron need to pay for 3 weeks?
 - JM ate 18 candies in 4.5 minutes. At this rate, how many minutes can he eat in 10 minutes?
 - Which of questions a-e above are multi-step problems?

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	4
Lesson No.:	1	Date:	
Lesson Title/ Topic:	Recognizing Multi-Step Problems Involving Decimals and Money		
Name:		Grade & Section:	

- I. Activity No. 2:** Independent Practice
- II. Objective(s):** At the end of the activity, you should be able to solve multi-step problems involving the division of decimals.
- III. Materials Needed:** pen and paper
- IV. Instructions:** Analyze the given situation. Solve the following provided with your solution.
- Nikki went to Baguio for vacation with her family. She bought some souvenir refrigerator magnets to give to her friends as pasalubong. If her budget for souvenirs is Php 200.00 and the magnets are Php 33.60 each, how many magnets can she buy? How much money will she have left?
 - The Martinez family went on a road trip to the nearby province. They drove 98.7 km. It took them 1.25 hrs to get there. How fast did they drive?
 - Sara's mother, who works abroad, sent her Php 3,175 for her and her 2 siblings' school allowances. How much does each of them get?

- d. If school lunches in Sara's school cost Php 238 per week (5 days), will her allowance be enough for her school lunches for the entire month (20 days)?
- e. School lunches are the only expenses Sara has for the entire month. Extra snacks cost 20.35 a day. How many days will she enjoy those extra snacks if she uses up what is left of her allowance?
- f. Which of questions a - e above are multi-step problems?

LEARNING ACTIVITY SHEET

Learning Area:	Mathematics	Quarter:	4
Lesson No.:	1	Date:	
Lesson Title/ Topic:	Recognizing Multi-Step Problems Involving Decimals and Money		
Name:		Grade & Section:	

- I. Activity No. 3:** Guided Practice
- II. Objective(s):** At the end of the activity, you should be able to solve multi-step problems involving four operations on decimals.
- III. Materials Needed:** pen and paper
- IV. Instructions:** Analyze the given situation. Solve the following provided with your solution.

Xenia, Yumi, and Zeira went to S&R and bought a box of pizza and three sodas for their meal. They decided to share the cost equally. The pizza cost Php 692.00, and the three sodas cost Php 189.00.

- How much will each of them pay?
- The pizza can be cut into 6, 8, 12, or 16 slices. The 3 friends ask that their pizza be cut into 12 slices. How many slices will each of them have, and how much will each slice cost?
- They were about to pay when Wina arrived and said that she would share the meal and would pay, too. She already has brought her flask of drink so no additional soda was ordered. How much will each of the three friends now pay?
- Would they need to change the number of slices of pizza? Why or why not?
- Which of questions a - d are multi-step problems?

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Learning Area:	Mathematics	Quarter:	4
Lesson No.:	1	Date:	
Lesson Title/ Topic:	Recognizing Multi-Step Problems Involving Decimals and Money		
Name:		Grade & Section:	

- I. Activity No. 4:** Summative Assessment
- II. Objective(s):** At the end of the activity, you should be able to solve multi-step problems involving division of decimals, four operations on decimals, and money.
- III. Materials Needed:** pen and paper
- IV. Instructions:** Solve the following problems. For each item, show the complete solution and then encircle the letter of the correct answer. If your answer is not in the choices, encircle it as your final answer. Each item is 3points, 1 point for the encircled answer and 2 points for the solution. No solution, no partial points.
1. A case of 12 bottles of juice contains a total of 16.32 liters. How much does each bottle hold? In this problem, what is the operation to be used?
- A) addition B) division C) subtraction D) multiplication
2. Mang Tomas has 12.5 hectares of land. He wants to divide it into 2.5 hectares each for his sons. How many sons does Mang Tomas have?
- A) 3 B) 4 C) 5 D) 6
3. The total weight of red beans is 7.8 kilograms. If each pack of red beans is 0.65 kilograms, how many packs of red beans are there in all?
- A) 12 B) 12.14 C) 12.16 D) 13
4. Elena has an 8.25-foot piece of wood that she needs to cut into 0.75-foot pieces. How many pieces can she cut from the piece of wood?
- A) 8 B) 9 C) 10 D) 11
5. Men's socks sell at a department store at 3 pairs for ₱97.50. How much does each pair of socks cost?
- A) ₱23.50 B) ₱31.50 C) ₱32.50 D) ₱ 33.50
6. Tarrayo's Family has a catering business. For one birthday party, they charged their customer ₱12,784.80 for a party of 80 people. What is the cost per person?

A.) ₱ 149.81 B.) ₱ 159.81 C.) ₱169.81 D.) ₱ 195.81

7. Rannie bought 5 black leather belts for ₱ 567.50. How much did each belt cost?

A.) ₱ 112.50 B.) ₱113.50 C.) ₱115.30 D.) ₱133.12

8. A digital camera can take pictures every 0.08 seconds. How many pictures can it continuously take in 4.8 seconds?

A.) 40 B.) 50 C.) 55 D.) 60

9. An electrician's apprentice earns ₱ 8.75 per hour. If he earned ₱415.65 last week, then how many hours did he work?

A.) 47 B.) 47.50 C.) 48.75 D.) 51

10. A four-person relay team completed a race in 78.4 seconds. On average, what was each runner's time?

A.) 19.6 B.) 21.13 C.) 24.4 D.) 30.12

11. Darwin cut strips of papers with 0.25 dm wide from a sheet of 1.50 dm wide. How many strips of paper did Darwin cut?

A.) 12 B.) 10 C.) 9 D.) 6 7

12. A nutritionist poured 0.70 L of honey into 14 L plastic cups. Find the number of plastic cups filled.

A.) 18 B.) 20 C.) 30 D.) 35

13. A rectangular rice field is 0.40 km wide and has an area of 2.80 sq. km. Find the length of the field.

A.) 21 B.) 13 C.) 7 D.) 5

14. The city government plans to install streetlights along its 88 km main road, which will be 0.22 km apart. Thus, the city government will need 88 streetlights.

A.) 543 B.) 444 C.) 400 D.) 300

15. A bamboo pole of 0.80 m long was cut into pieces, each measuring 0.05 meters long. How many pieces of bamboo were cut?

A.) 38 B.) 23 C.) 18 D.) 16