

Name: \_\_\_\_\_  
Date Started: \_\_\_\_\_ Date Completed: \_\_\_\_\_ Score: \_\_\_\_\_

**Learning Activity Sheet**  
Solving Word Problems Involving Series of Operations

**Solve the following word problems by applying Polya's Four-step Strategy in solving problems.**

1. Your mother went to the market to buy your family's weekly meat supplies. She planned to buy 2 kilograms of pork worth ₱270.00 per kilogram, 2 kilograms of dressed chicken worth ₱160.00 per kilogram, and 3 kilograms of milkfish worth ₱100.00 per kilogram. How much was the cost of all her purchases?
  
2. Justine charges ₱300.00 tutorial fee per student in their math lessons. EJ availed of her services and had tutorial lessons for 3 hours. If EJ paid Justine ₱1,000.00, how much would be his change?
  
3. Lester, Edward, and Jimboy rented a car to visit their relatives in the province. The total cost of their rent was ₱5,000.00. If Lester and Edward gave only ₱1,250.00 each as their share for the rental fee, how much money should Jimboy shoulder to pay the remaining balance?
  
4. Marisa has 3 daughters and she bought each of them a skirt and a headband. A skirt costs ₱499.00 while a headband costs ₱49.00. How much change would Marisa receive if she paid ₱2,000.00 to the cashier?
  
5. A school bus has 8 rows of seats for its student-passengers. Each row can accommodate 3 students to sit. If there are already 20 students inside the school bus, how many vacant seats are still there?

6. Ten consecutive monthly payments of ₱5,545.00 were made to repay a loan amounting to ₱60,000.00 including interest. How much money was left to be paid from the loan amount after making the ten consecutive payments?

7. Robert charges ₱400.00 tutorial fee per student in their music lessons. Robert availed of her services and had tutorial lessons for 2 hours. If Robert paid Justine ₱2,000.00, how much would be his change?

8. Athena has 4 daughters and she bought each of them a skirt and a headband. A skirt costs ₱299.00 while a headband costs ₱39.00. How much change would Athena receive if she paid ₱2,000.00 to the cashier?

**For numbers 9 and 10, consider the problem below.**

Your mother went to the market to buy your family's weekly meat supplies. She plans to buy 2 kilograms of pork worth ₱320.00 per kilo, 3 kilograms of dressed chicken worth ₱160.00 per kilogram, and 2 kilograms of beef worth ₱380.00 per kilogram.

9. How much is the total cost of all meat products?

10. How much will be the change if your mother pays ₱2,000.00 to the meat seller?