Profit and Loss Calculations

Name: _____ Date: _____

Remember: Profit = Selling Price - Cost Price | Loss = Cost Price - Selling Price | Profit Margin % = (Profit ÷ Selling Price) × 100

Part A: Calculate Profit or Loss

1. A shop buys a skateboard for $45 and sells it for $72.
   Profit/Loss: $ _____
2. A bookstore purchases a novel for $18 and sells it for $25.
   Profit/Loss: $ _____
3. A furniture store buys a desk for $280 but only manages to sell it for $245.
   Profit/Loss: $ _____
4. A bakery makes cupcakes for $2.50 each and sells them for $5.00 each.
   Profit/Loss: $ _____

Part B: Calculate Selling Price

5. A toy costs $12 to make. If the business wants a profit of $8, what should the selling price be?
   Selling Price: $ _____
6. A clothing store buys shirts for $35 each. They want to make a profit of $20 per shirt.
   Selling Price: $ _____

Part C: Calculate Profit Margin Percentage

7. A phone case costs $8 to buy and sells for $20. Calculate the profit margin percentage.
   Profit: $ _____
   Profit Margin: _____ %
8. A cafe buys coffee beans for $15/kg and sells coffee that uses $3 worth of beans for $12.
   Profit: $ _____
   Profit Margin: _____ %

Part D: Word Problems

9. A sports store bought 20 rugby balls for $30 each. They sold 15 balls for $50 each and the remaining 5 balls for $35 each. Calculate the total profit.

   Total Cost: $ _____

   Total Revenue: $ _____

   Total Profit: $ _____

10. A market vendor bought fruit for $120 but had to throw away 20% of it due to spoilage. She sold the rest for $140. Did she make a profit or loss, and how much?

    Profit/Loss: _____ of $ _____