Assignment 3

1. The current exchange rate is $1 = 7.3750 Russian rubles. How much does $500 cost in rubles? (2 marks)

2. The current price of a product is $20. If the price increases by 10%, what is the new price? (2 marks)

3. A company invested $100,000 in a project and received a return of $150,000 after 3 years. What is the annual rate of return? (3 marks)

4. The sales of a product are expected to increase by 5% each month. If the sales in January are $100,000, what are the sales after 6 months? (3 marks)

5. A person has a loan of $50,000 with an annual interest rate of 5%. How much interest will they pay in the first year? (3 marks)

6. The profit margin of a company is 20%. If the total revenue is $1,000,000, what is the profit? (3 marks)

7. A company has 100 employees, and 15% are in the sales department. How many employees are in the sales department? (2 marks)

8. The number of customers visiting a store increased by 25% last month. If the number of customers last month was 1,000, how many customers are expected this month? (2 marks)

9. A company has a fixed cost of $10,000 and a variable cost of $5 per unit. If the company sells 1,000 units, what is the total cost? (3 marks)

10. The company has a target profit of $50,000. If the fixed cost is $15,000, what is the contribution margin ratio needed to achieve the target profit? (3 marks)