Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

**Assignment: Solving Systems by Elimination**

**Solve by using elimination. Show Work!**

1. 5.

2. 6.

3. 7.

4. 8.

**Define the variables, write a system and solve.**

9. Five tacos and three drinks cost $9.10. Three tacos and one drink

cost $4.70. How much does one taco cost and how much does

one drink cost?

10. A theater sold 900 tickets to a play. Floor seats cost $12 each and

balcony seats cost $10 each. The total receipts were $9780. How

many of each type of ticket was sold?

11. You are buying decorations for a birthday party. The total for 3 rolls of

crepe paper and 20 balloons is $11.40. After you start decorating, you

need more supplies. You buy 2 rolls of crepe paper and 10 balloons for

$7.20. How much did each roll of crepe paper and each balloon cost?

12. Christy has a coin collection consisting of nickels and dimes. She has 28  
 coins worth $2.25. How many of each type of coin does Christy have?