Systems of Linear Equations Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 5 Worksheet #7 Due Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Late Due to Absence: \_\_\_\_\_\_\_\_\_\_\_\_

*Use a separate sheet of paper for this assignment.*

*Solve these systems using elimination and check your solution.*

1. 

2. 

3. 

4. 

5. 

6. 

*Solve the following using elimination and showing all work.*

7. The Millers bought 2 adult movie tickets and 4 child tickets for $34. The Jones bought 3 adult tickets and 2 child tickets for $31. How much do each an adult ticket and a child ticket cost? Let x be the cost of the adult ticket and y be the cost of the child ticket.

8. Bobby sold small cups of lemonade for $1 each and large cups for $2 each. He sold a total of 55 cups of lemonade for a total $87. How many of each size did he sell? Let x be the number of small cups he sold and y be the number of large cups he sold.