3.2 Review

Solve the following system by elimination

1.  3. 

Solution:\_\_\_\_\_\_\_\_\_\_\_ Solution:\_\_\_\_\_\_\_\_\_\_\_

1.  4. 

Solution:\_\_\_\_\_\_\_\_\_\_\_ Solution:\_\_\_\_\_\_\_\_\_\_\_

Solve the following system by substitution

1.  7. 

Solution:\_\_\_\_\_\_\_\_\_\_\_ Solution:\_\_\_\_\_\_\_\_\_\_\_

1.  8. 

Solution:\_\_\_\_\_\_\_\_\_\_\_ Solution:\_\_\_\_\_\_\_\_\_\_\_

Solve the following word problems.

1. Chris and Ashley wanted to improve their yard. They decided to plant sunflowers and roses. Chris spent $107 on 11 sunflowers and 4 roses. Ashley spent $60 on 4 sunflowers and 12 roses. Find the cost of a sunflowers and a roses.
2. Maggie starts selling tickets to an annual talent show. On the first day of ticket sales Maggie sold 6 adult tickets and 7 students tickets for a total of $116. On the second day Maggie sold 4 adult tickets and 1 student ticket for $26. What is the price of an individual adult and student ticket?
3. Mr. Pilkey is looking to rent some vans and buses for a trip to a concert with all of his friends. Pilkey rents 10 vans and 6 buses with a total of 276 friends. Coach Watson doesn’t have as many friends and rents 5 vans and 2 buses for 117 friends. How many people does each van and bus carry?
4. Coach Meade and Coach Taylor make people gifts for the holidays. Coach Meade made 7 sweaters and 5 candles for a total cost of $12. Coach Taylor made 7 sweaters and 3 candles for a total cost of $8. What is the cost of a sweater and candle?