Algebra 1 ECA Remediation   **Name** _____

Homework 19.2

1.   Ming and Jenny are selling wrapping paper for a school fundraiser. Customers can buy rolls of plain wrapping paper and rolls of holiday wrapping paper. Ming sold 3 rolls of plain wrapping paper and 11 rolls of holiday wrapping paper for a total of $243. Jenny sold 7 rolls of plain wrapping paper and 13 rolls of holiday wrapping paper for a total of $339. Write a system of equations that can be used to determine the cost of one roll of plain wrapping paper (P) and one roll of holiday wrapping paper (H).

       Answer _____

       What is the cost of one roll of holiday wrapping paper?

       Answer _____

2.   The senior classes at High School A and High School B planned separate trips to the water park. The senior class at High School A rented and filled 1 van and 12 buses with 515 students. High School B rented and filled 12 vans and 6 buses with 384 students. Each van and each bus carried the same number of students. Write a system of equations that can be used to determine the number of students each van holds (V) and the number of students each bus holds (B).

       Answer _____

       How many students does each van hold?

       Answer _____

Homework 19.2

3.   Lea's school is selling tickets to a play. On the first day of ticket sales the school sold 14 adult tickets and 2 student tickets for a total of $180.40. The school took in $222.20 on the second day by selling 7 adult tickets and 11 student tickets. Write a system of equations that can be used to find the cost a one senior citizen ticket (A) and one student ticket (S).

       Answer _____

       What is the cost of one student ticket?

       Answer _____

Answers to Homework 19.2

1. $3P + 11H = 243$, $7P + 13H = 339$, $18

2. $V + 12B = 515$, $12V + 6B = 384$, 11 students

3. $14A + 2S = 180.40$, $7A + 11S = 222.20$, $13.20