CC8   Name_____

Tri 2 Review 8.EE.8c

Date_____ Period_____

1) Find the value of two numbers if their sum is 20 and their difference is 6.

2) Find the value of two numbers if their sum is 23 and their difference is 5.

3) Dan's school is selling tickets to a fall musical. On the first day of ticket sales the school sold 9 adult tickets and 2 child tickets for a total of $163. The school took in $171 on the second day by selling 3 adult tickets and 9 child tickets. What is the price each of one adult ticket and one child ticket?

4) 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 5 vans and 12 buses with 453 students. High School B rented and filled 10 vans and 6 buses with 294 students. Every van had the same number of students in it as did the buses. How many students can a van carry? How many students can a bus carry?

Answers to Tri 2 Review 8.EE.8c

1) 7 and 13 2) 9 and 14 3) adult ticket: $15, child ticket: $14

4) Van: 9, Bus: 34