Name_____ ID: 1
System Elimination 2
Date_____ Period____

Solve each system by elimination.

1) $-7x + 5y = 19$
   $-9x + 6y = 27$

2) $6x - 5y = -15$
   $-4x - 9y = -27$

3) The senior classes at High School A and High School B planned separate trips to the local amusement park. The senior class at High School A rented and filled 6 vans and 5 buses with 392 students. High School B rented and filled 12 vans and 9 buses with 726 students. Each van and each bus carried the same number of students. How many students can a van carry? How many students can a bus carry?

4) Ndiba's school is selling tickets to a fall musical. On the first day of ticket sales the school sold 4 senior citizen tickets and 10 child tickets for a total of $106. The school took in $93 on the second day by selling 12 senior citizen tickets and 5 child tickets. What is the price each of one senior citizen ticket and one child ticket?