CW #2 on Systems of Equations

Solve the following by method of choice

1. $5x+3y=-9$

$y=2x-3$

2. $-2x+4y=4$

$4x-3y=-18$

3. Stefan's school is selling tickets to the annual dance competition. On the first day of ticket sales the school sold 13 adult tickets and 2 student tickets for a total of $78. The school took in $143 on the second day by selling 13 adult tickets and 7 student tickets. Find the price of an adult ticket and the price of a student ticket.

Bonus: The sum of two numbers is 19. Their difference is 1. Write a system to represent the problem.