6. NC Maria is hosting a party. She places an order at Pizza Hut for 5 pizzas and 4 breadsticks for a total of $51. Halfway through the party, she realizes that she will need one more pizza and 2 more order of breadsticks. This time she was given a total of $15. How much does a pizza cost? How much does a breadstick cost?

7. NC Saleh has to buy apples and bananas. A bunch of bananas is $0.30 and an apple is $0.50. He spends a total of $7.00 . He bought 3 times as many bananas as he did apples. How many apples did he buy? How many bananas did he buy?

Linear Programming

6. Each week you must do a minimum of 15 hours of homework. Participation in sports requires at least 8 hours per week. You have no more than 25 hours per week in total to devote to these activities. Write the constraints If x is number of hours you spend doing homework per week and y represent the numbers of hours you spend for sports activities per week.