Math 477 REAL QUIZ #1

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1.(5 points) Out of a large group of students it is found that one half take both calculus and algebra, and one-quarter take neither of them. The probability that a student takes calculus is twice the probability that a student takes algebra.

Determine the probability that a randomly chosen member of this group takes algebra?

2.(5 points) If you have a box (where you can't see the inside) consisting of 10 red balls, 20 green balls, and 30 yellow balls, and you draw 10 balls (without replacing them). What is the probability that you would pick 3 red balls, 4 green balls, and 3 yellow balls?