

King Fahd Univ. of Petroleum and Minerals
Faculty of Sciences
Department of Mathematics and Statistics

QUIZ No. 3
(MATH. 131-122 Section 3)

Name:

ID:

Prob. 1

For a certain large population the probability that a randomly selected person has a computer is 0.7. If five persons are selected at random find the probability that at least three have a computer.

Prob. 2

You are to toss three fair coins. If three heads or three tails turn up your friend pays you \$10. If either one or two heads turn up you must pay your friend \$6. What are your expected winnings or losses per game?