Department of Mathematics and Statistics
Semester 111

STAT301 Quiz 2 Wednesday October 19, 2011

Name: _____ ID #: _____

For all questions below, please explain how you arrive at the final answer.

1. An instructor gives his class a set of 8 problems with the information that the exam will consist of a random selection of 4 of them. If a student has figured how to do 5 of the problems, what is the probability that he will answer correctly
    a. All 4 problems
    b. At least 2 problems

2. There are 5 insurance companies operating in a Khobar. If 3 people will buy insurance, what is the probability they each buy from a different company?