**King Fahd University of Petroleum & Minerals**

Electrical Engineering Department

EE570: Stochastic Processes (122)

**In Class Practice: Review of Combined Experiments and Repeated Trials**

**One of the First Problems Solved by Pascal**

Names:

A pair of dice is rolled n times.

1. Find the probability that “seven” will not show up at all
2. The probability of obtaining double-six at least once.
3. Find the number of throws required to assure more than 50% success of obtaining double-six at least once.

 Good Luck, **Dr. Ali Muqaibel**