

# Probability (cont'd)



## Lab Exercise 2:

1- Consider a deck of 52 cards (4 suits of Hearts, Spades, Clubs, and Diamonds). Answer the following questions.

A card is drawn. Find the probability of:

- '4' of Hearts
- a jack
- a king of red color
- a card of diamond
- a non-ace

Two cards are drawn in a row, without replacing the first card in the deck. Find the probability of:

- The first card is a king, the second card is a king too

# Probability (cont'd)



2- Consider a student applying to a college with 80% acceptance chance. The college dormitory will only be provided for 70% of all of the accepted students. What is the probability of the student being accepted and being provided with the dormitory?

*\* Submission is through Labs link on Blackboard by the due date.*