- 8. Complete the following assignment prior to Meeting #14:
 - A. Study our notes from Meeting #13.
 - B. Comprehend Jim's sample response to Quiz 13.
 - C*. Solve Lanfen's problem and display your computation (As usual upload the resulting pdf document on the appropriate *Canvas* Assignment link):

In a lottery, players pick six different numbers from { 1, 2, 3, ..., 49 }; the order in which a player picks them is irrelevant. The lottery manager randomly selects (without replacement) six of the numbers from { 1, 2, 3, ..., 49 }; the six selected numbers are referred to as "winning numbers." A player wins the grand prize if they/he/she picked all of the winning numbers. A player wins the second prize exactly if five of her/his/their picks match five of the winning numbers. A player wins the third prize if exactly four of his/their/her picks match four of the winning numbers. Lanfen wants to know the probability the pick of a player wins the first prize, the probability that it wins the second prize, and that the probability that it wins the third prize.

- D. From the Video Page of Canvas, view with comprehension "combinations" and then do the same for "probability using combinations."
- E. Comprehend Jim's sample responses to the homework prompts that are posted on Canyas

P(3rd prize) = (4) (43) 13545 13983816