Student Name: _____ Score:

Independent and Dependent

10 cards are numbered from 1 through 10. Cards are well shuffled and the cards are drawn at random.

Problems	Work Space
Three cards are drawn without replacement. First and the second cards show 4 and 6 respectively. Find the probability of selecting an even number in a third draw. Answer: _____	
If the conditions are same as in question 1, find the probability of selecting an odd number in a third draw. Answer: _____	
If two cards are drawn with replacement, find the probability of choosing prime number in both first and second draw. Answer: _____	
If two cards are drawn without replacement, find the probability of drawing 4 or 5 in a first draw and any even prime in a second draw Answer: _____	