

# LEARNING RESOURCE CENTER



Math and Science Resource Center

## Common Counting and Probability Problem Setups

Results of Rolling Two Dice

		First Die Roll					
		1	2	3	4	5	6
Second Die Roll	1	2	3	4	5	6	7
	2	3	4	5	6	7	8
	3	4	5	6	7	8	9
	4	5	6	7	8	9	10
	5	6	7	8	9	10	11
	6	7	8	9	10	11	12

Generic Contingency Table

	Positive Test	Negative Test	Total
Actual Positive	True Positive	False Negative	
Actual Negative	False Positive	True Negative	
Total			

Example set of 52 playing cards; 13 of each suit: clubs, diamonds, hearts, and spades

	Ace	2	3	4	5	6	7	8	9	10	Jack	Queen	King
Clubs													
Diamonds													
Hearts													
Spades													

Choosing a Counting Method

