NAME	:		
Maximum Time: 15 minutes Maximum Marks: 35			Maximum Marks: 35 pts.
1.	[1 pt.] Tio	ick which more likely to happen.	
		Rolling a dice and getting a 6 Tossing a coin and getting 'heads'?	
2.	[2 pts.] If	If you want to get at least a 4 when you roll a dice then the possible so	uccessful outcomes are
3.	[2 pts.] Tl	The probability of getting an odd number when you roll a dice is	·
4.	[2 pts.] T	The probability that it is an 'ace' is pulled from a pack of fifty-two play	ring cards is
5.	[3 pts.] T	Two dice are rolled and the numbers are added. The probability of the	e total being 12 is
6.	[2 pts.] In the spinner the probability for landing on blue is [2 pts.] In the spinner the probability of not landing on red is		
7.			
8.	[2 pts.] If	If E is expectation and X and Y are two random variables then E (X+Y)	=
9.	[2 pts.] If	If E is expectation and X and Y are two random variables then E $(X*Y)$	=
10.	[3 pts.] If	If E is expectation, a is constant and $f(X)$ is a function of random varial	ole X then E(a*f(X))=
11.	[3 pts.] If	If E is expectation, a is constant and $f(X)$ is a function of random varial	ole X then E(a+f(X))=
12.	[3 pts.] If	If E is expectation, a and b are constant and X is a random variable the	en E(a*f(X)+b)=
13.	[3 pts.] If	If E is expectation, a_i are constants and X is a random variable then E()	$\sum a_i X_i$)=
14.	[5 pts.] D	Demand of products per day for three days are 21, 19, 22 units and th	neir respective probabilities
	are 0.29,	9, 0.40, 0.35. Profit per unit is \$0.50 then expected profits for three da	ys are