	L23-Properties of Probability
	Sample Space - Everything possible (5)
	Event - what we want to assess
	Probability - Count (event) "The probability of an even" is the long run proportion of times the event would occur if the contract occur
	Intersection - 1 "And" repeated indefinitely"
	Union - U "or"
	Compliment - Ac "not A"
	disjoint - mutually exclusive P(ANB) = 0
7	P(ANB) - Probability both A and 13 hoppined.
	P(AUB) - Probability that either A or B hoppened
	$= P(A) + P(B) - P(A \cap B)$
,	P(A) The number of outcomes in A divided by the number of events in S. assuring each autcom in S is
	P(A') = 1 - P(A) P(A)
A 755	Disjoint (aka mutually exclusive)
	$O_A O_B$ $P(A \cap B) = 0$ $P(A \cup B) = P(A) + P(B)$
* 1	ex. S= outcomes of rolling a dice
	S= 21, 2, 3, 4, 5, 6 9
	A = rolling odd
	$A = \{1, 3, 5\}$

