	А	В	С	D E	F	G	Н	ı	J	К	L	М	N	
1	Aidan Chin													
2	ECE 202 E7													
3	12/2/2023													
4	this excel doc calculates the probability of getting a certain number from a 2 dice roll with either 4 or 6 sides								Sum of both dice					
5						Die 1	. 6			+		11	12	
6	States of 1 die	Probability P(n)					5					10	11	
7	1						4	5		-		9	10	
9	2	16.67% 16.67%						4	, ,	5		8 7	9	
10	4	16.67%						2			5	6	7	
11	5							. 2			4	5	6	
12	6							Die 2	. 2			,	U	
13	0	10.0770						DIC 2						
	Number of dice (N)	2	USER INPUT = BLUE											
	Number of sides (S)	6												
	(predict) Number of microstates (n)	36	OUTPUT = ORANGE											
	(predict) Number of macrostates	11												
18														
19	macrostate n (total # on both dice)	# of microstates	Probability P(n)											
20	2	1	2.78%											
21	3	2	5.56%											
22	4	3	8.33%											
23	5	4	11.11%											
24	6	5	13.89%											
25	7	6	16.67%											
26	8	5	13.89%											
27	9	4	11.11%											
20 21 22 23 24 25 26 27 28 29	10	3	8.33%											
29	11	2	5.56%											
	12	1	2.78%											
31	CHECK total # of macrostates	CHECK total # of microstates	CUECK total probability											
32 33	CHECK total # of macrostates		CHECK total probability 100.00%											
	Should be zero	should be zero	should be 100%											
35	Siloulu de Zero	Siloulu de Zero	5/10ulu be 100%											
	Most likely macrostate	7												
30	IVIUSE IINCIY IIIACIUSTATE													