Probabilities for Standard Keno with 80 Numbers

Game with 80 Numbers

House Draws 20 Numbers

author's note: I think the probability should be times 100; I.e., for four spots shoul dbe 31% and not 0.31%

NEEDS FURTHER INVESTIGATION

Two Spots
(80,2)	3,160	
(20,2)	190	
probability	6.01%	
odds	17	I.e, 17:1

Three Spots
(80,3)	82,160	
(20,3)	1,140	
probability	1.39%	
odds	72	

Four Spots
(80,4)	1,581,580	
(20,4)	4,845	
probability	0.31%	<-- I think this should be 30% ???
odds	326	i.e., 326:1; happens all the time

Five Spots
(80,5)	24,040,016	
(20,5)	15,504	
probability	0.0645%	
odds	1,551	I.e., 1,551:1 happens quite a bit

Six Spots
(80,6)	300,500,200	
(20,6)	38,760	
probability	0.0129%	
odds	7,753	happens now and then

Seven Spots
(80,7)	3,176,716,400	
(20,7)	77,520	
probability	0.0024%	happens once in a while
odds	40,979	

Eight Spots
(80,8)	28,987,537,150	
(20,8)	125,970	
probability	0.0004%	rarely happens
odds	230,115	

Nine Spots
(80,9)	231,900,297,200	
(20,9)	167,960	
probability	0.0001%	
odds	1,380,688	probably never happen

Ten Spots
(80,10)	**1,646,492,110,120**	
(20,10)	184,756	
probability	0.000011%	
odds	8,911,711	probably never happen