

Count	Payout	Probability	Weighted Payout	Average	"Value" of Money	Re-weighted Payout	New Average
1	1	0.500000000000000000000000	0.5	0.5	1.0000	0.5000	0.5000
2	2	0.250000000000000000000000	0.5	1	1.5850	0.8962	0.8962
3	4	0.125000000000000000000000	0.5	1.5	2.3219	0.2902	1.1865
4	8	0.062500000000000000000000	0.5	2	3.1699	0.1981	1.3846
5	16	0.031250000000000000000000	0.5	2.5	4.0875	0.1277	1.5123
6	32	0.015625000000000000000000	0.5	3	5.0444	0.0788	1.5912
7	64	0.007812500000000000000000	0.5	3.5	6.0224	0.0470	1.6382
8	128	0.003906250000000000000000	0.5	4	7.0112	0.0274	1.6656
9	256	0.001953125000000000000000	0.5	4.5	8.0056	0.0156	1.6812
10	512	0.000976562500000000000000	0.5	5	9.0028	0.0089	1.6900
11	1,024	0.000488281250000000000000	0.5	5.5	10.0014	0.0049	1.6949
12	2,048	0.000244140625000000000000	0.5	6	11.0007	0.0027	1.6976
13	4,096	0.000122070312500000000000	0.5	6.5	12.0004	0.0015	1.6991
14	8,192	0.000061035156250000000000	0.5	7	13.0002	0.0008	1.6998
15	16,384	0.000030517578125000000000	0.5	7.5	14.0001	0.0004	1.7003
16	32,768	0.000015256789062500000000	0.5	8	15.0000	0.0002	1.7005
17	65,536	0.000007629394531250000000	0.5	8.5	16.0000	0.0001	1.7006
18	131,072	0.000003814697265625000000	0.5	9	17.0000	0.0001	1.7007
19	262,144	0.000001907348632812500000	0.5	9.5	18.0000	0.0000	1.7007
20	524,288	0.000000953674316406250000	0.5	10	19.0000	0.0000	1.7007
21	1,048,576	0.000000476837158203125000	0.5	10.5	20.0000	0.0000	1.7008
22	2,097,152	0.000000238418579101562500	0.5	11	21.0000	0.0000	1.7008
23	4,194,304	0.000000119209289550781000	0.5	11.5	22.0000	0.0000	1.7008
24	8,388,608	0.000000059604644775390600	0.5	12	23.0000	0.0000	1.7008
25	16,777,216	0.000000029802322387695300	0.5	12.5	24.0000	0.0000	1.7008
26	33,554,432	0.000000014901161193847700	0.5	13	25.0000	0.0000	1.7008
27	67,108,864	0.000000007450580596923830	0.5	13.5	26.0000	0.0000	1.7008
28	134,217,728	0.000000003725290298461910	0.5	14	27.0000	0.0000	1.7008
29	268,435,456	0.000000001862645149230960	0.5	14.5	28.0000	0.0000	1.7008
30	536,870,912	0.000000000931322574615479	0.5	15	29.0000	0.0000	1.7008
31	1,073,741,824	0.000000000465661287307739	0.5	15.5	30.0000	0.0000	1.7008

32	2.147,483.648	0.000000000232830643653870	0.5
33	4.294,967.296	0.000000000116415321826935	0.5
34	8.589,934.592	0.0000000000568207660913467	0.5
35	17.179,869.184	0.000000000029103830456734	0.5
36	34.359,738.368	0.000000000014551915228367	0.5
37	68.719,476.736	0.0000000000727595761483	0.5
38	137.438,953.472	0.000000000003637978807092	0.5
39	274.877,906.944	0.00000000001818989403546	0.5
40	549.755,813.888	0.00000000000909494701773	0.5
41	1,099.511,627.776	0.00000000000454747350886	0.5
42	2,199.023,255.552	0.00000000000227373675443	0.5
43	4,398.046,511.104	0.00000000000113686837722	0.5
44	8,796.093,022.208	0.00000000000056843418861	0.5
45	17,592.186,044.416	0.00000000000028421709430	0.5
46	35,184.372,088.832	0.00000000000014210854715	0.5
47	70,368.744,177.664	0.00000000000007105427358	0.5
48	140,737,488,355.328	0.00000000000003552713679	0.5
49	281,474,976,710.656	0.0000000000000176356839	0.5
50	562,949,953,421.312	0.00000000000000888178420	0.5

St. Petersburg Paradox

