

ФИНАНСИЈСКЕ ТАБЛИЦЕ

$$I_p^{s+t} = I_p^s I_p^t$$

$$III_p^{s+t} = III_p^s + I_p^s III_p^t$$

$$IV_p^{s+t} = IV_p^s + II_p^s IV_p^t$$

Отплата зајма једнаким ануитетима

$$b_c = b_m II_p^{m-c} \quad (m > c) \quad b_c = a II_p^{n-c+1}$$

$$O_c = b_1(1 + III_p^{c-1}) \quad K = b_1(1 + III_p^{n-1})$$

$$R_{n-c} = a IV_p^{n-c} \quad R_{n-c} = b_1(III_p^{n-1} - III_p^{c-1}) \quad R_{n-c} = 100 I_{c+1} / p$$

Отплата зајма заокруженим ануитетима

$$a_n = (K - a IV_p^{n-1}) I_p^n$$

Отплата зајма једнаким ратама

$$I_c = R_{n-c+1} p / 100 \quad I_c = (K - (c-1)b) p / 100$$

I	0.25%	0.5%	0.75%	1%	1.25%	1.5%	1.75%	2%	2.25%	2.5%
1	1.002500000	1.005000000	1.007500000	1.010000000	1.012500000	1.015000000	1.017500000	1.020000000	1.022500000	1.025000000
2	1.005006250	1.010025000	1.015056250	1.020100000	1.025156250	1.030225000	1.035306250	1.040400000	1.045506250	1.050625000
3	1.007518766	1.015075125	1.022669172	1.030301000	1.037970703	1.045678375	1.053424109	1.061208000	1.069030141	1.076890625
4	1.010037563	1.020150501	1.030339191	1.040604010	1.050945337	1.061363551	1.071859031	1.082432160	1.093083319	1.103812891
5	1.012562656	1.025251253	1.038066735	1.051010050	1.064082154	1.077284004	1.090616564	1.104080803	1.117677693	1.131408213
6	1.015094063	1.030377509	1.045852235	1.061520151	1.077383181	1.093443264	1.109702354	1.126162419	1.142825442	1.159693418
7	1.017631798	1.035529397	1.053696127	1.072135352	1.090850470	1.109844913	1.129122145	1.148685668	1.168539014	1.188685754
8	1.020175878	1.040707044	1.061598848	1.082856706	1.104486101	1.126492587	1.148881783	1.171659381	1.194831142	1.218402898
9	1.022726317	1.045910579	1.069560839	1.093685273	1.118292177	1.143389975	1.168987214	1.195092569	1.221714843	1.248862970
10	1.025283133	1.051140132	1.077582545	1.104622125	1.132270830	1.160540825	1.189444490	1.218994420	1.249203426	1.280084544
11	1.027846341	1.056395833	1.085664415	1.115668347	1.146424215	1.177948937	1.210259769	1.243374308	1.277310504	1.312086658
12	1.030415957	1.061677812	1.093806898	1.126825030	1.160754518	1.195618171	1.231439315	1.268241795	1.306049990	1.344888824
13	1.032991997	1.066986201	1.102010449	1.138093280	1.175263949	1.213552444	1.252989503	1.293606630	1.335436115	1.378511045
14	1.035574477	1.072321132	1.110275528	1.149474213	1.189954749	1.231755731	1.274916819	1.319478763	1.365483427	1.412973821
15	1.038163413	1.077682738	1.118602594	1.160968955	1.204829183	1.250232067	1.297227864	1.345868338	1.396206804	1.448298166
16	1.040758822	1.083071151	1.126992114	1.172578645	1.219889548	1.268985548	1.319929351	1.372785705	1.427621457	1.484505621
17	1.043360719	1.088486507	1.135444555	1.184304431	1.235138167	1.288020331	1.343028115	1.400241419	1.459742940	1.521618261
18	1.045969120	1.093928940	1.143960389	1.196147476	1.250577394	1.307340636	1.366531107	1.428246248	1.492587156	1.559658718
19	1.048584043	1.099398584	1.152540092	1.208108950	1.266209612	1.326950745	1.390445401	1.456811173	1.526170367	1.598650186
20	1.051205503	1.104895577	1.161184142	1.220190040	1.282037232	1.346855007	1.414778196	1.485947396	1.560509201	1.638616440
21	1.053833517	1.110420055	1.169893023	1.232391940	1.298062697	1.367057832	1.439536814	1.515666344	1.595620658	1.679581851
22	1.056468101	1.115972155	1.178667221	1.244715860	1.314288481	1.387563699	1.464728708	1.545979671	1.631522122	1.721571398
23	1.059109271	1.121552016	1.187507225	1.257163018	1.330717087	1.408377155	1.490361461	1.576899264	1.668231370	1.764610683
24	1.061757044	1.127159776	1.196413529	1.269734649	1.347351050	1.429502812	1.516442786	1.608437249	1.705766576	1.808725950
25	1.064411437	1.132795575	1.205386631	1.282431995	1.364192939	1.450945354	1.542980535	1.640605994	1.744146324	1.853944098
26	1.067072465	1.138459553	1.214427031	1.295256315	1.381245350	1.472709534	1.569982695	1.673418114	1.783389616	1.900292701
27	1.069740147	1.144151851	1.223535233	1.308208878	1.398510917	1.494800177	1.597457392	1.706886477	1.823515883	1.947800018
28	1.072414497	1.149872610	1.232711748	1.321290967	1.415992304	1.517222180	1.625412896	1.741024206	1.864544990	1.996495019
29	1.075095533	1.155621973	1.241957086	1.334593877	1.433692207	1.539980513	1.653857622	1.775844690	1.906497252	2.046407394
30	1.077783272	1.161400083	1.251271764	1.347848915	1.451613360	1.563080220	1.682800130	1.811361584	1.949393441	2.097567579
31	1.080477730	1.167207083	1.260656302	1.361327404	1.469758527	1.586526424	1.712249132	1.847588816	1.993254793	2.150006769
32	1.083178925	1.173043119	1.270111224	1.374940679	1.488130509	1.610324320	1.742213492	1.884540592	2.038103026	2.203756938
33	1.085886872	1.178908334	1.279637058	1.388690085	1.506732140	1.634479185	1.772702228	1.922231404	2.083960344	2.258880861
34	1.088601589	1.184802876	1.289234336	1.402576986	1.525566292	1.658996373	1.803724517	1.960676032	2.130849452	2.315322133
35	1.091323093	1.190726890	1.298903594	1.416602756	1.544635870	1.683881318	1.835289696	1.999889553	2.178793564	2.373205186
36	1.094051401	1.196680525	1.308645371	1.430768784	1.563943819	1.709139538	1.867407266	2.039887344	2.227816419	2.432535316
37	1.096786529	1.202663927	1.318460211	1.445076471	1.583493116	1.734776631	1.900086893	2.080685091	2.277942289	2.493348699
38	1.099528496	1.208677247	1.328348663	1.459527236	1.603286780	1.760798281	1.933338414	2.122298792	2.329195990	2.555682416
39	1.102277317	1.214720633	1.338311278	1.474122509	1.623327865	1.787210255	1.967171836	2.164744768	2.381602900	2.619574476
40	1.105033010	1.220794236	1.348348612	1.488863734	1.643619463	1.814018409	2.001597343	2.208039664	2.435188965	2.685063838
41	1.107795593	1.226898208	1.358461227	1.503752371	1.664164707	1.841228685	2.036625297	2.252200457	2.489980717	2.752190434
42	1.110565082	1.233032699	1.368649686	1.518789895	1.684966766	1.868847115	2.072266239	2.297244466	2.546005283	2.820995195
43	1.113341494	1.239197862	1.378914559	1.533977794	1.706028850	1.896879822	2.108530899	2.343189355	2.603290402	2.891520075
44	1.116124848	1.245393852	1.389256418	1.549317572	1.727354211	1.925333019	2.145430189	2.390053142	2.661864436	2.963808077
45	1.118915160	1.251620821	1.399675841	1.564810747	1.748946138	1.954213014	2.182975218	2.437854205	2.721703279	3.037903279
46	1.121712448	1.257878925	1.410173410	1.580458855	1.770807965	1.983526210	2.221177284	2.486611289	2.782995905	3.113850861
47	1.124516729	1.264168319	1.420749710	1.596263443	1.792943065	2.013279103	2.260047886	2.536343515	2.845613313	3.191697132
48	1.127328021	1.270489161	1.431405333	1.612226078	1.815354853	2.043478289	2.299598724	2.587070385	2.909639612	3.271489561
49	1.130146341	1.276841607	1.442140873	1.628348338	1.838046789	2.074130464	2.339841702	2.638811793	2.975106503	3.353276800
50	1.132971707	1.283225815	1.452956930	1.644631822	1.861022374	2.105242421	2.380788932	2.691588029	3.042046400	3.437108720

I	2.75%	3%	3.25%	3.5%	3.75%	4%	4.25%	4.5%	4.75%	5%
1	1.027500000	1.030000000	1.032500000	1.035000000	1.037500000	1.040000000	1.042500000	1.045000000	1.047500000	1.050000000
2	1.055756250	1.060900000	1.066056250	1.071225000	1.076406250	1.081600000	1.086806250	1.092025000	1.097256250	1.102500000
3	1.084789547	1.092727000	1.100703078	1.108717875	1.116771484	1.124864000	1.132995516	1.141166125	1.149375922	1.157625000
4	1.114621259	1.125508810	1.136475928	1.147523001	1.158650415	1.169858560	1.181147825	1.192518601	1.203971278	1.215506250
5	1.145273344	1.159274074	1.173411396	1.187686306	1.202099806	1.216652902	1.231346608	1.246181938	1.261159914	1.276281563
6	1.176768361	1.194052297	1.211547266	1.229255326	1.247178548	1.265319018	1.283678838	1.302260125	1.321065010	1.340095641
7	1.209129491	1.229873865	1.250922552	1.272279263	1.293947744	1.315931779	1.338235189	1.360861830	1.383815598	1.407100423
8	1.242380552	1.266770081	1.291577535	1.316809037	1.342470784	1.368569050	1.395110185	1.422100613	1.449546839	1.477455444
9	1.276546017	1.304773184	1.333553805	1.362897353	1.392813439	1.423311812	1.454402367	1.486095140	1.518400313	1.551328216
10	1.311651033	1.343916379	1.376894304	1.410598761	1.445043943	1.480244285	1.516214468	1.552969422	1.590524328	1.628894627
11	1.347721436	1.384233871	1.421643369	1.459969717	1.499233090	1.539454056	1.580653583	1.622853046	1.666074234	1.710339358
12	1.384783775	1.425760887	1.467846778	1.511068657	1.555454331	1.601032219	1.647831360	1.695881433	1.745212760	1.795856326
13	1.422865329	1.468533713	1.515551799	1.563956060	1.613783869	1.665073507	1.717864193	1.772196097	1.828110366	1.885649142
14	1.461994126	1.512589725	1.564807232	1.618694522	1.674300764	1.731676448	1.790873421	1.851944922	1.914945609	1.979931599
15	1.502198964	1.557967417	1.615663467	1.675348831	1.737087043	1.800943506	1.866985542	1.935282443	2.005905525	2.078928179
16	1.543509436	1.604706439	1.668172530	1.733986040	1.802227807	1.872981246	1.946332427	2.022370153	2.101186037	2.182874588
17	1.585955945	1.652847632	1.722388137	1.794675551	1.869811349	1.947900496	2.029051555	2.113376810	2.200992374	2.292018318
18	1.629569734	1.702433061	1.778365751	1.857489196	1.939929275	2.025816515	2.115286246	2.208478766	2.305539512	2.406619234
19	1.674382901	1.753506053	1.836162638	1.922501317	2.012676623	2.106849176	2.205185912	2.307860311	2.415052639	2.526950195
20	1.720428431	1.806111235	1.895837924	1.989788863	2.088151996	2.191123143	2.298906313	2.411714025	2.529767639	2.653297705
21	1.767740213	1.860294572	1.957452657	2.059431474	2.166457696	2.278768069	2.396609831	2.520241156	2.649931602	2.785962590
22	1.816353069	1.916103409	2.021069868	2.131511575	2.247699860	2.369918792	2.498465749	2.633652008	2.775803353	2.925260720
23	1.866302778	1.973586511	2.086754639	2.206114480	2.331988604	2.464715543	2.604650544	2.752166348	2.907654012	3.071523756
24	1.917626105	2.032794106	2.154574164	2.283328487	2.419438177	2.563304165	2.715348192	2.876013834	3.045767578	3.225099944
25	1.970360823	2.093777930	2.224597825	2.363244984	2.510167109	2.665836331	2.830750490	3.005434457	3.190441538	3.386354941
26	2.024545745	2.156591268	2.296897254	2.445958559	2.604298375	2.772469785	2.951057386	3.140679007	3.341987511	3.555672688
27	2.080220753	2.221289006	2.371546415	2.531567108	2.701959564	2.883368576	3.076477325	3.282009562	3.500731918	3.733456322
28	2.137426824	2.287927676	2.448621673	2.620171957	2.803283048	2.998703319	3.207227611	3.429699993	3.667016684	3.920129138
29	2.196206062	2.356565506	2.528201878	2.711877976	2.908406162	3.118651452	3.343534784	3.584036492	3.841199976	4.116135595
30	2.256601728	2.427262471	2.610368439	2.806793705	3.017471393	3.243397510	3.485635013	3.745318135	4.023656975	4.321942375
31	2.318658276	2.500080345	2.695205413	2.905031484	3.130626571	3.373133410	3.633774501	3.913857451	4.214780681	4.538039494
32	2.382421379	2.575082756	2.782799589	3.006707586	3.248025067	3.508058747	3.788209917	4.089981036	4.414982764	4.764941469
33	2.447937966	2.652335238	2.873240575	3.111942352	3.369826007	3.648381097	3.949208838	4.274030182	4.624094445	5.003188542
34	2.515256260	2.731905296	2.966620894	3.220860334	3.496194482	3.794316341	4.117050214	4.466361541	4.844367431	5.253347969
35	2.584425808	2.813862454	3.063036073	3.333590446	3.627301775	3.946088994	4.292024848	4.667347810	5.074474884	5.516015368
36	2.655497517	2.898278328	3.162584746	3.450266111	3.763325592	4.103932554	4.474435904	4.877378461	5.315512441	5.791816136
37	2.728523699	2.985226678	3.265368750	3.571025425	3.904450302	4.268089856	4.664599430	5.096860492	5.567999282	6.081406943
38	2.803558101	3.074783478	3.371493234	3.696011315	4.050867188	4.438813450	4.862844906	5.326219214	5.832479248	6.385477290
39	2.880655949	3.167026983	3.481066764	3.825371711	4.202774707	4.616365988	5.069515814	5.565899079	6.109522012	6.704751154
40	2.959873987	3.262037792	3.594201434	3.959259721	4.360378759	4.801020628	5.284970237	5.816364538	6.399724308	7.039988712
41	3.041270522	3.359898926	3.711012981	4.097833811	4.523892962	4.993061453	5.509581472	6.078100942	6.703711213	7.391988148
42	3.124905461	3.460695894	3.831620903	4.241257995	4.693538949	5.192783911	5.743738684	6.351615484	7.022137495	7.761587555
43	3.210840361	3.564516770	3.956148582	4.389702025	4.869546659	5.400495268	5.987847578	6.637438181	7.355689026	8.149666933
44	3.299138471	3.671452273	4.084723411	4.543341595	5.052154659	5.616515078	6.242331100	6.936122899	7.705084255	8.557150280
45	3.389864779	3.781595842	4.217476922	4.702358551	5.214610458	5.841175681	6.507630172	7.248248430	8.071075757	8.985007793
46	3.483086061	3.895043717	4.354544922	4.866941101	5.438170851	6.074822709	6.784204454	7.574419609	8.454451856	9.434258183
47	3.578870927	4.011895028	4.496067632	5.037284039	5.642102258	6.317815617	7.072533144	7.915268491	8.856038319	9.905971092
48	3.677289878	4.132251879	4.642189830	5.213588981	5.853681092	6.570528242	7.373115802	8.271455573	9.276700139	10.401269647
49	3.778415349	4.256219436	4.793060999	5.396064595	6.073194133	6.833349371	7.686473224	8.643671074	9.717343395	10.921333129
50	3.882321772	4.383906019	4.948835482	5.584926856	6.300938913	7.106683346	8.013148336	9.032636273	10.178917207	11.467399786

I	5.25%	5.5%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%
1	1.052500000	1.055000000	1.057500000	1.060000000	1.062500000	1.065000000	1.067500000	1.070000000	1.072500000	1.075000000
2	1.107756250	1.113025000	1.118306250	1.123600000	1.128906250	1.134225000	1.139556250	1.144900000	1.150256250	1.155625000
3	1.165913453	1.174241375	1.182608859	1.191016000	1.199462891	1.207949625	1.216476297	1.225043000	1.233649828	1.242296875
4	1.227123909	1.238824651	1.250608869	1.262476960	1.274429321	1.286466351	1.298588447	1.310796010	1.323038941	1.335446914
5	1.291547915	1.306960006	1.322518879	1.338225578	1.354081154	1.370086663	1.386243167	1.402551731	1.419013425	1.435629326
6	1.359354180	1.378842807	1.398563714	1.418519112	1.438711226	1.459142297	1.479814581	1.500730352	1.521891898	1.543301526
7	1.430720275	1.454679161	1.478981128	1.503630259	1.528630678	1.553986546	1.579702065	1.605781476	1.632229061	1.659049140
8	1.505833089	1.534686515	1.564022543	1.593848075	1.624170095	1.654995671	1.686331954	1.718186180	1.750565668	1.783477826
9	1.584889326	1.619094273	1.653953839	1.689478959	1.725680726	1.762570390	1.800159361	1.838459212	1.877481679	1.917238662
10	1.668096016	1.708144458	1.749056185	1.790847697	1.833535771	1.877137465	1.921670118	1.967151357	2.013599101	2.061031562
11	1.755671057	1.802092404	1.849626915	1.898298558	1.948131757	1.999151401	2.051382851	2.104851952	2.159585035	2.215608929
12	1.847843787	1.901207486	1.955980463	2.012196472	2.069889992	2.129096242	2.189851194	2.252191589	2.316154951	2.381779599
13	1.944855586	2.005773897	2.068449339	2.132928260	2.199258116	2.267487497	2.337666149	2.409845000	2.484076184	2.560413069
14	2.046960504	2.116091462	2.187385177	2.260903956	2.336711749	2.414874185	2.495458614	2.578534150	2.664171708	2.752444049
15	2.154425931	2.232476492	2.313159824	2.396558193	2.482756233	2.571841007	2.663902071	2.759031541	2.857324157	2.958877353
16	2.267533292	2.355262699	2.446166514	2.540351685	2.637928497	2.739010672	2.843715461	2.952163749	3.064480158	3.180793154
17	2.386578790	2.484802148	2.586821089	2.692772786	2.802799028	2.917046366	3.035666254	3.158815211	3.286654969	3.419352641
18	2.511874176	2.621466266	2.735563301	2.854339153	2.977973968	3.106654379	3.240573726	3.379932276	3.524937455	3.675804089
19	2.643747571	2.765646911	2.892858191	3.025599502	3.164097341	3.308586914	3.459312453	3.616527535	3.780495420	3.951489396
20	2.782544318	2.917757491	3.059197537	3.207135472	3.361853425	3.523645064	3.692816043	3.869684462	4.054481338	4.247851100
21	2.928627895	3.078234153	3.235101395	3.399563601	3.571969264	3.752681993	3.942081126	4.140562375	4.348538485	4.566439933
22	3.082380859	3.247537031	3.421119726	3.603537417	3.795217343	3.996606322	4.208171602	4.430401741	4.663807525	4.908922928
23	3.244205854	3.426151568	3.617834110	3.819749662	4.032418426	4.256385733	4.492223186	4.740529863	5.001933571	5.277092147
24	3.414526662	3.614589904	3.825859571	4.048934641	4.284444578	4.533050806	4.795448251	5.072366953	5.364573755	5.672874058
25	3.593789312	3.813392349	4.045846497	4.291870720	4.552223664	4.827699108	5.119141008	5.427432640	5.753505352	6.098339613
26	3.782463250	4.023128928	4.278482670	4.549382963	4.836736262	5.141499550	5.464683026	5.807352925	6.170634490	6.555715084
27	3.981042571	4.244401019	4.524495424	4.822345941	5.139032278	5.475697021	5.833549130	6.213867630	6.618005491	7.047393715
28	4.190047306	4.477843075	4.784653910	5.111686697	5.460221796	5.831617327	6.227313696	6.648838364	7.097810889	7.575948244
29	4.410024790	4.724124444	5.059771510	5.418378999	5.801485658	6.210672454	6.647657371	7.114257049	7.612402178	8.144144362
30	4.641551091	4.983951288	5.350708372	5.743491173	6.164078512	6.614366163	7.096374243	7.612255043	8.164301336	8.754955189
31	4.885232523	5.258068609	5.658374104	6.088100643	6.549333419	7.044299964	7.575379504	8.145112896	8.756213183	9.411576828
32	5.141707231	5.547262383	5.983730614	6.453386682	6.958666757	7.502179461	8.086717621	8.715270798	9.391038639	10.117445090
33	5.411646860	5.852361814	6.327795125	6.840589883	7.393583430	7.989821126	8.632571060	9.325339754	10.071888940	10.876253472
34	5.695758321	6.174241714	6.691643344	7.251025276	7.855682394	8.509159499	9.215269607	9.978113537	10.802100888	11.691972482
35	5.994785632	6.513825008	7.076412837	7.686086792	8.346662544	9.062254867	9.837300305	10.676581485	11.585253202	12.568870419
36	6.309511878	6.872085383	7.483306575	8.147252000	8.868328952	9.651301433	10.501318076	11.423942189	12.425184060	13.511535700
37	6.640761252	7.250050079	7.913596703	8.636087120	9.422599512	10.278636026	11.210157046	12.223618142	13.326009904	14.524900877
38	6.989401217	7.648802834	8.368628513	9.154252347	10.011511982	10.946747368	11.966842647	13.079271412	14.292145622	15.614268443
39	7.356344781	8.069486990	8.849824653	9.703507488	10.637231480	11.658285947	12.774604526	13.994820410	15.328326180	16.785338577
40	7.742552882	8.513308774	9.358689570	10.285717937	11.302058448	12.416074534	13.636890331	14.974457839	16.439629828	18.044238970
41	8.149036909	8.981540757	9.896814221	10.902861013	12.008437101	13.223119378	14.557380428	16.022669888	17.631502990	19.397556893
42	8.576861346	9.475525498	10.465881038	11.557032674	12.758964420	14.082622138	15.540003607	17.144256780	18.909786957	20.852373659
43	9.027146567	9.996679401	11.067669198	12.250454635	13.556399696	14.997992577	16.588953851	18.344354755	20.280746511	22.416301684
44	9.501071762	10.546496768	11.704060177	12.985481913	14.403674677	15.972862094	17.708708236	19.628459588	21.751100633	24.097524310
45	9.999878029	11.126554090	12.377043637	13.764610827	15.303904344	17.011098131	18.904046042	21.002451759	23.328055429	25.904838634
46	10.524871626	11.738514565	13.088723646	14.590487477	16.260398366	18.116819509	20.180069149	22.472623382	25.019339448	27.847701531
47	11.077427386	12.384132866	13.841325256	15.465916726	17.276673264	19.294412777	21.542223817	24.045707019	26.833241558	29.936279146
48	11.658992324	13.065260173	14.637201458	16.393871729	18.356465343	20.548549608	22.996323925	25.728906510	28.778651571	32.181500082
49	12.271089421	13.783849483	15.478840542	17.377504033	19.503744426	21.884205332	24.548575790	27.529929965	30.865103810	34.595112588
50	12.915321616	14.541961205	16.368873873	18.420154275	20.722728453	23.306678679	26.205604655	29.457025063	33.102823836	37.189746032

I	7.75%	8%	8.25%	8.5%	8.75%	9%	9.25%	9.5%	9.75%	10%
1	1.077500000	1.080000000	1.082500000	1.085000000	1.087500000	1.090000000	1.092500000	1.095000000	1.097500000	1.100000000
2	1.161006250	1.166400000	1.171806250	1.177225000	1.182656250	1.188100000	1.193556250	1.199025000	1.204506250	1.210000000
3	1.250984234	1.259712000	1.268480266	1.277289125	1.286138672	1.295029000	1.303960203	1.312932375	1.321945609	1.331000000
4	1.347935513	1.360488960	1.373129888	1.385858701	1.398675806	1.411581610	1.424576522	1.437660951	1.450835306	1.464100000
5	1.452400515	1.469328077	1.486413103	1.503656690	1.521059939	1.538623955	1.556349850	1.574238741	1.592291749	1.610510000
6	1.564961555	1.586874323	1.609042184	1.631467509	1.654152683	1.677100111	1.700312211	1.723791421	1.747540194	1.771561000
7	1.686246075	1.713824269	1.741788164	1.770142247	1.798891043	1.828039121	1.857591091	1.887551606	1.917925363	1.948717100
8	1.816930146	1.850930210	1.885485688	1.920604338	1.956294009	1.992562642	2.029418267	2.066869009	2.104923086	2.143588810
9	1.957742232	1.999004627	2.041038257	2.083855707	2.127469735	2.171893279	2.217139456	2.263221565	2.310153087	2.357947691
10	2.109467255	2.158924997	2.209423914	2.260983442	2.313623337	2.367363675	2.422224856	2.478227613	2.535393013	2.593742460
11	2.272950968	2.331638997	2.391701386	2.453167034	2.516065379	2.580426405	2.646280655	2.713659237	2.782593832	2.853116706
12	2.449104668	2.518170117	2.589016751	2.661686232	2.736221100	2.812664782	2.891061616	2.971456864	3.053896730	3.138428377
13	2.638910279	2.719623726	2.802610633	2.887929562	2.975640446	3.065804612	3.158484815	3.253745266	3.351651661	3.452271214
14	2.843425826	2.937193624	3.033826010	3.133403575	3.236008985	3.341727027	3.450644661	3.562851067	3.678437698	3.797498336
15	3.063791327	3.172169114	3.284116656	3.399742879	3.519159771	3.642482460	3.769829292	3.901321918	4.037085374	4.177248169
16	3.301235155	3.425942643	3.555056280	3.688721024	3.827086251	3.970305881	4.118538502	4.271947500	4.430701198	4.594972986
17	3.557080880	3.700018055	3.848348423	4.002262311	4.161956298	4.327633410	4.499503313	4.677782513	4.862694565	5.054470285
18	3.832754648	3.996019499	4.165837168	4.342454607	4.526127474	4.717120417	4.915707369	5.122171851	5.336807285	5.559917313
19	4.129793133	4.315701059	4.509518734	4.711563249	4.922163628	5.141661255	5.370410301	5.608778177	5.857145995	6.115909045
20	4.449852101	4.660957144	4.881554030	5.112064125	5.352852945	5.604410768	5.867173254	6.141612104	6.428217729	6.724999949
21	4.794715639	5.033833715	5.284282237	5.546570045	5.821227578	6.108807737	6.409886780	6.725065254	7.054968958	7.400249944
22	5.166306101	5.436540413	5.720235522	6.018028499	6.330584991	6.658600433	7.002801307	7.363946453	7.742828432	8.140274939
23	5.566694824	5.871463646	6.192154952	6.529560921	6.884511178	7.257874472	7.650560428	8.063521366	8.497754204	8.954302433
24	5.998113673	6.341180737	6.703007736	7.084573600	7.486905906	7.911083175	8.358237268	8.829555896	9.326285238	9.849732676
25	6.462967482	6.848475196	7.256005874	7.686762356	8.142010173	8.623080660	9.131374215	9.668363706	10.233598049	10.834705943
26	6.963847462	7.396353212	7.854626359	8.340137156	8.854436063	9.399157920	9.976026330	10.586858258	11.233568859	11.918176538
27	7.503545640	7.988061469	8.502633033	9.049048814	9.629199219	10.245082133	10.898808765	11.592609793	12.328841823	13.109994192
28	8.085070428	8.627106386	9.204100259	9.818217964	10.471754150	11.167139525	11.906948576	12.693907723	13.530903900	14.420993611
29	8.711663386	9.317274897	9.963438530	10.652766490	11.388032638	12.172182082	13.008341319	13.899828957	14.850167031	15.863092972
30	9.386817298	10.062656889	10.785422209	11.558251642	12.384485494	13.267678469	14.211612891	15.220312708	16.298058316	17.449402269
31	10.114295639	10.867669440	11.675219541	12.540703032	13.468127975	14.461769531	15.526187084	16.666242415	17.887119002	19.194342496
32	10.898153551	11.737082995	12.638425153	13.606662789	14.646589173	15.763328789	16.962359389	18.249535444	19.631113105	21.113776745
33	11.742760451	12.676049635	13.681095228	14.763229126	15.928165725	17.182028380	18.531377632	19.983241311	21.545146633	23.225154420
34	12.652824386	13.690133606	14.809785584	16.018103602	17.321880226	18.728410934	20.245530063	21.881649236	23.645798429	25.547669862
35	13.633418276	14.785344294	16.031592895	17.379642408	18.837544746	20.413967919	22.118241594	23.960405913	25.951263776	28.102436848
36	14.690008192	15.968171838	17.354199309	18.856912013	20.485829911	22.251225031	24.164178942	26.236644475	28.481511994	30.912680533
37	15.828483827	17.245625585	18.785920752	20.459749534	22.278340029	24.253835284	26.399365494	28.729125700	31.258459414	34.003948586
38	17.055191324	18.625275632	20.335759214	22.198828245	24.227694781	26.436680460	28.841306802	31.458392642	34.306159206	37.404343445
39	18.376968651	20.115297682	22.013459349	24.085728645	26.347618075	28.815981701	31.509127681	34.446939943	37.651009729	41.144777789
40	19.801183722	21.724521497	23.829569745	26.133015580	28.653034656	31.409420054	34.423721992	37.719399237	41.321983178	45.259255568
41	21.335754606	23.462483217	25.795509249	28.354321905	31.160175188	34.236267859	37.607916276	41.302742165	45.350876538	49.785181125
42	22.989298058	25.339481874	27.923638762	30.764439267	33.886690517	37.317531966	41.086648532	45.226502671	49.772587000	54.763699237
43	24.770968658	27.366640424	30.227338960	33.379416604	36.851775938	40.676109843	44.887163521	49.523020424	54.625414232	60.240069161
44	26.690718729	29.555971658	32.721094425	36.216667016	40.076306332	44.336959729	49.039226146	54.227707365	59.951392120	66.264076077
45	28.759249430	31.920449390	35.420584715	39.295083712	43.582983136	48.327286105	53.575354565	59.379339564	65.796652852	72.890483685
46	30.988091261	34.474085342	38.342782954	42.635165827	47.396494161	52.676741854	58.531074862	65.020376823	72.211826505	80.179532054
47	33.389668334	37.232012169	41.506062547	46.259154923	51.543687400	57.417648621	63.945199287	71.197312621	79.252479589	88.197485259
48	35.977367629	40.210573142	44.930312707	50.191183091	56.053760047	62.585236997	69.860130221	77.961057320	86.979596349	97.017233785
49	38.765613621	43.427418994	48.637063506	54.457433654	60.958464051	68.217908326	76.322192266	85.367357765	95.460106993	106.718957163
50	41.769948676	46.901612513	52.649621245	59.086315514	66.292329656	74.357520076	83.381995051	93.477256753	104.767467425	117.390852880

I	10.5%	11%	11.5%	12%	12.5%	13%	13.5%	14%	14.5%	15%
1	1.10500000	1.11000000	1.11500000	1.12000000	1.12500000	1.13000000	1.13500000	1.14000000	1.14500000	1.15000000
2	1.221025000	1.232100000	1.243225000	1.254400000	1.265625000	1.276900000	1.288225000	1.299600000	1.311025000	1.322500000
3	1.349232625	1.367631000	1.386195875	1.404928000	1.423828125	1.442897000	1.462135375	1.481544000	1.501123625	1.520875000
4	1.490902051	1.518070410	1.545608401	1.573519360	1.601806641	1.630473610	1.659523651	1.689016160	1.718786551	1.749006250
5	1.647446766	1.685058155	1.723353367	1.762341683	1.802032471	1.842435179	1.883559343	1.925414582	1.968010600	2.011357188
6	1.820428676	1.870414552	1.921539004	1.973822685	2.027286530	2.081951753	2.137839855	2.194972624	2.253372138	2.313060766
7	2.011573687	2.076160153	2.142515989	2.210681407	2.280697346	2.352605480	2.426448235	2.502268791	2.580111097	2.660019880
8	2.222788925	2.304537770	2.388905328	2.475963176	2.565784514	2.658444193	2.754018747	2.852586422	2.954227207	3.059022863
9	2.456181762	2.558036924	2.663629441	2.773078757	2.886507578	3.004041938	3.125811278	3.251948521	3.382590152	3.517876292
10	2.714080847	2.839420986	2.969946827	3.105848208	3.247321025	3.394567390	3.547795800	3.707221314	3.873065724	4.045557736
11	2.999059336	3.151757295	3.311490712	3.478549993	3.653236154	3.835861151	4.026748233	4.226232298	4.434660253	4.652391396
12	3.313960566	3.498450597	3.692312143	3.895975993	4.109890673	4.334523100	4.570359245	4.817904820	5.077685990	5.350250105
13	3.661926425	3.883280163	4.116928040	4.363493112	4.623627007	4.898011103	5.187357743	5.492411495	5.813950459	6.152787621
14	4.046428700	4.310440980	4.590374764	4.887112285	5.201580383	5.534752547	5.887651038	6.261349104	6.656973275	7.075705764
15	4.471303713	4.784589488	5.118267862	5.473565759	5.851777931	6.254270378	6.682483928	7.137937978	7.622234400	8.137061629
16	4.940790603	5.310894332	5.706868667	6.130393650	6.583250172	7.067325527	7.584619259	8.137249295	8.727458388	9.357620874
17	5.459573616	5.895092709	6.363158563	6.866040888	7.406156444	7.986077845	8.608542859	9.276464197	9.992939855	10.761264005
18	6.032828846	6.543552907	7.094921798	7.689965795	8.331925999	9.024267965	9.770696145	10.575169184	11.441916133	12.375453605
19	6.666275875	7.263343726	7.910837805	8.612761690	9.373416749	10.197422801	11.089740124	12.055692870	13.100993973	14.231771646
20	7.366234842	8.062311536	8.820584152	9.646293093	10.545093842	11.523087765	12.586855041	13.743489872	15.00638099	16.366537393
21	8.139689500	8.949165805	9.834951330	10.803848264	11.863230573	13.021089174	14.286080471	15.667578454	17.175730623	18.821518002
22	8.994356898	9.933574044	10.965970733	12.100310056	13.346134394	14.713830767	16.214701335	17.861039437	19.666211564	21.644745702
23	9.938764372	11.026267188	12.227057367	13.552347263	15.014401194	16.626628766	18.403686015	20.361584959	22.517812240	24.891457557
24	10.982334631	12.239156579	13.633168964	15.178628935	16.891201343	18.788095016	20.888183627	23.212206853	25.782895015	28.625176191
25	12.135479767	13.585463803	15.200983395	17.00064407	19.002601511	21.230542272	23.708088417	26.461915812	29.521414792	32.918952620
26	13.409705143	15.079864821	16.949096485	19.040072135	21.377926700	23.990512767	26.908680353	30.166584026	33.802019937	37.856795513
27	14.817724183	16.738649952	18.898242581	21.324880792	24.050167537	27.109279427	30.541352201	34.389905790	38.703312828	43.535314840
28	16.373585222	18.579901446	21.071540478	23.883866487	27.056438479	30.633485752	34.664434748	39.204492600	44.315293188	50.065612066
29	18.092811671	20.623690605	23.494767633	26.749930465	30.438493289	34.615838900	39.344133439	44.693121564	50.741010701	57.575453875
30	19.992556896	22.892296572	26.196665911	29.959922121	34.243304950	39.115897957	44.655591453	50.950158583	58.098457252	66.211771957
31	22.091775370	25.410449195	29.209282491	33.555112775	38.523718069	44.200964692	50.684096300	58.083180785	66.522733554	76.143537750
32	24.411411784	28.205598606	32.568349977	37.581726308	43.339182827	49.947090102	57.526449300	66.214826095	76.168529919	87.565068413
33	26.974610021	31.308214453	36.313710225	42.091533465	48.756580681	56.440211815	65.292519956	75.484901748	87.212966757	100.699828675
34	29.806944074	34.752118043	40.489786900	47.142517481	54.851153266	63.777439351	74.107010150	86.052787993	99.858846937	115.804802976
35	32.936673201	38.574851027	45.146112394	52.799619579	61.707547424	72.068506467	84.111456520	98.100178312	114.338379743	133.175523422
36	36.395023887	42.818084640	50.337915319	59.135573929	69.420990852	81.437412307	95.466503150	111.834203276	130.917444806	153.151851936
37	40.216501396	47.528073951	56.126775581	66.231842800	76.098614709	92.024275907	108.354481075	127.490991734	149.900474302	176.124629726
38	44.439234042	52.756162086	62.581354773	74.179663936	87.860941548	103.987431775	122.982336020	145.339730577	171.636043076	202.543324185
39	49.105353617	58.559339915	69.778210572	83.081223608	98.843559241	117.505797906	139.584951383	165.687292858	196.523269322	232.924822813
40	54.261415746	65.000867306	77.802704787	93.050970441	111.199004146	132.781551634	158.428919820	188.883513858	225.019143374	267.863546235
41	59.958864400	72.150962709	86.750015838	104.217086894	125.098879664	150.043153346	179.816823995	215.327205798	263.466919163	308.043078170
42	66.254545162	80.087568607	96.726267659	116.723137322	140.736239622	169.548763281	204.092095235	245.473014610	295.005722442	354.249539895
43	73.211272404	88.897201154	107.849788440	130.729913800	158.328269575	191.590102507	231.644528091	279.839236655	337.781552196	407.386970880
44	80.898456006	98.675893281	120.252514111	146.417503456	178.119303272	216.496815833	262.916539384	319.016729787	386.759877265	468.495016512
45	89.392793887	109.530241542	134.081553233	163.987603871	200.384216181	244.641401892	298.410272200	363.679071957	442.840026948	538.769268988
46	98.779037245	121.578568111	149.500931855	183.666116336	225.432243204	276.444784138	338.695658948	414.594142031	507.051868091	619.584659337
47	109.150836156	134.952210604	166.693539018	205.706050296	253.611273604	312.382606075	384.419572905	472.637321915	580.574388964	712.522358237
48	120.611673952	149.796953770	185.863296006	230.390776331	285.312682805	352.992344865	436.316215248	538.806546983	664.757675364	819.400711973
49	133.275899717	166.274618685	207.237575046	258.037669491	320.976768155	398.881349698	495.218904306	614.239463561	761.147538292	942.310818769
50	147.269869187	184.564826740	231.069896177	289.002189830	361.098864175	450.735925158	562.073456387	700.232988459	871.513931344	1083.657441584

I	15.5%	16%	16.5%	17%	17.5%	18%	18.5%	19%	19.5%	20%
1	1.15500000	1.16000000	1.16500000	1.17000000	1.17500000	1.18000000	1.18500000	1.19000000	1.19500000	1.20000000
2	1.334025000	1.345600000	1.357225000	1.368900000	1.380625000	1.392400000	1.404225000	1.416100000	1.428025000	1.440000000
3	1.540798875	1.560896000	1.581167125	1.601613000	1.622234375	1.643032000	1.664006625	1.685159000	1.706489875	1.728000000
4	1.779622701	1.810639360	1.842059701	1.873887210	1.906125391	1.938777760	1.971847851	2.005339210	2.039339210	2.073600000
5	2.055464219	2.100341658	2.145999551	2.192448036	2.239697334	2.287757757	2.336639703	2.386353660	2.436910204	2.488320000
6	2.374061173	2.436396323	2.500089477	2.565164202	2.631644367	2.699554153	2.768918048	2.839760855	2.912107693	2.985984000
7	2.742040655	2.826219734	2.912604241	3.001242116	3.092182132	3.185473901	3.281167887	3.379315418	3.479968694	3.583180800
8	3.167056957	3.278414892	3.393183941	3.511453276	3.633314005	3.758859203	3.888183946	4.021385347	4.158562589	4.299816960
9	3.657950785	3.802961275	3.953059291	4.108400333	4.269143956	4.435453859	4.607497976	4.785448563	4.969482294	5.159780352
10	4.224933157	4.411435079	4.605314074	4.806828389	5.016244148	5.233835554	5.459885102	5.694683790	5.938531341	6.191736422
11	4.879797796	5.117264691	5.365190896	5.623989215	5.894086874	6.175925953	6.469963845	6.776673710	7.096544953	7.430083707
12	5.636166454	5.936027042	6.250447394	6.580067382	6.925552077	7.287592625	7.666907157	8.064241715	8.480371218	8.916100448
13	6.509772254	6.885791369	7.281771214	7.698678837	8.137523690	8.599359298	9.085284981	9.596447641	10.134043606	10.699320538
14	7.518786954	7.987517987	8.483263464	9.007454239	9.561590336	10.147243971	10.766062702	11.419772693	12.110182109	12.839184645
15	8.684198932	9.265520865	9.883001936	10.538721460	11.234868645	11.973747886	12.757784302	13.589529505	14.471667620	15.407021575
16	10.030249766	10.748004204	11.513697255	12.330304108	13.200970657	14.129022506	15.117974398	16.171540110	17.293642806	18.488425890
17	11.584938480	12.467684877	13.413457302	14.426455807	15.511140522	16.722246556	17.914799662	19.244132731	20.665903154	22.186111067
18	13.380603944	14.462514457	15.626677757	16.878953294	18.225590114	19.673250937	21.229037599	22.900517950	24.695754269	26.623333281
19	15.454597556	16.776516770	18.205079587	19.748375354	21.415068384	23.214436105	25.156409555	27.251616361	29.511426351	31.947999937
20	17.850060177	19.460759453	21.208917719	23.105599164	25.162705351	27.393034604	29.810345323	32.429423469	35.266154490	38.337599924
21	20.616819504	22.574480966	24.708389143	27.033551021	29.566178787	32.323780833	35.325259207	38.591013929	42.143054615	46.005119909
22	23.812426527	26.186397920	28.785273351	31.629254695	34.740260075	38.142061383	41.860432161	45.923306575	50.360950265	55.206143891
23	27.503352639	30.376221587	33.534843454	37.006227993	40.819805588	45.007632432	49.604612110	54.648734824	60.181335567	66.247372669
24	31.766372298	35.236417041	39.068092624	43.297286752	47.963271566	53.109006270	58.781465351	65.031994441	71.916696002	79.496847203
25	36.690160005	40.874243768	45.514327907	50.657825500	56.356844090	62.668627398	69.656036441	77.388073385	85.946501722	95.396216644
26	42.377134805	47.414122771	53.024192012	59.269655835	66.219291806	73.948980330	82.542403182	92.091807328	102.698839808	114.475459973
27	48.945590700	55.000382414	61.773183694	69.345497327	77.807667872	87.259796789	97.812747771	109.589250720	122.725113571	137.370551967
28	56.532157259	63.800443600	71.965759003	81.134231873	91.424009750	102.966560211	115.908106110	130.411208357	146.656510717	164.844662361
29	65.294641634	74.008514577	83.840109239	94.927051291	107.423211456	121.500541049	137.351105738	155.189337945	175.254530307	197.813594833
30	75.415311087	85.849876909	97.673727263	111.064650010	126.222273461	143.370638438	162.761060300	184.675312154	209.429163717	237.376313800
31	87.104684305	99.585857214	113.789892261	129.945640512	148.311171316	169.177353357	192.871856456	219.763621464	250.267850642	284.851576560
32	100.605910373	115.519594368	132.565224484	152.036399399	174.265626297	199.629276961	228.553149900	261.518709542	299.070081517	341.821891872
33	116.199826481	134.002729467	154.438486524	177.882587297	204.762110899	235.562546814	270.835482631	311.207264355	357.388747413	410.186270246
34	134.210799585	155.443166182	179.920836801	208.122627138	240.595480306	277.963805240	320.940046918	370.336644582	427.079553158	492.223524295
35	155.013473521	180.314072771	209.607774873	243.503473751	282.699689359	327.997290184	380.313955598	440.700607053	510.360066024	590.668229154
36	179.040561916	209.164324415	244.193057727	284.899064289	332.172134997	387.036802417	450.672037384	524.433722392	609.880278899	708.801874985
37	206.791849013	242.630616321	284.484912252	333.331905218	390.302258622	456.703426852	534.046364300	624.076129647	728.806933284	850.562249982
38	238.844585611	281.451514932	331.424922773	389.998329105	458.605153881	538.910043685	632.844941695	742.650594280	870.924285275	1020.674699979
39	275.865496380	326.483757322	386.110035031	456.298045052	538.861055810	635.913851548	749.921255909	883.754207193	1040.754520903	1224.809639974
40	318.624648319	378.721158493	449.818190811	533.868712711	633.161740577	750.378344827	888.656688252	1051.667506560	1243.701652480	1469.771567969
41	368.011468809	439.316543852	524.038192295	624.626393872	743.965045177	885.446446896	1053.058175579	1251.484332806	1486.223474713	1763.725881563
42	425.053246474	509.607190868	610.504494024	730.812880830	874.158928084	1044.826807337	1247.873938061	1489.266356039	1776.037052282	2116.471057875
43	490.936499677	591.144341407	711.237735538	855.051070572	1027.136740498	1232.895632658	1478.730616602	1772.226963687	2122.364277477	2539.765269451
44	567.031657127	685.727436032	828.591961901	1000.409752569	1206.885670085	1454.816846537	1752.295780673	2108.950086787	2536.225311585	3047.718323341
45	654.921563982	795.443825798	965.309635615	1170.479410505	1418.090662350	1716.683878913	2076.470500098	2509.650603277	3030.789247344	3657.261988009
46	756.434406399	922.714837925	1124.585725492	1369.460910291	1666.256528262	2025.686977118	2460.617542616	2986.484217900	3621.793150576	4388.714385611
47	873.681739391	1070.349211993	1310.142370198	1602.269265041	1957.851420707	2390.310632999	2915.831788000	3553.916219301	4328.042814939	5266.457262733
48	1009.102408997	1241.605085912	1526.315861280	1874.655040098	2300.475419331	2820.566546939	3455.260668779	4229.160300968	5172.011163852	6319.748715279
49	1165.513282391	1440.261899658	1778.157978392	2193.346396915	2703.058617714	3328.268525387	4094.483892504	5032.700758152	6180.553340803	7583.698458335
50	1346.167841162	1670.703803603	2071.554044826	2566.215284390	3176.093875814	3927.356859957	4851.963412617	5988.913902201	7385.761242259	9100.438150002

I	21%	22%	23%	24%	25%	26%	27%	28%	29%	30%
1	1,210000000	1,220000000	1,230000000	1,240000000	1,250000000	1,260000000	1,270000000	1,280000000	1,290000000	1,300000000
2	1,464100000	1,488400000	1,512900000	1,537600000	1,562500000	1,587600000	1,612900000	1,638400000	1,664100000	1,690000000
3	1,771561000	1,815848000	1,860867000	1,906624000	1,953125000	2,000376000	2,048383000	2,097152000	2,146689000	2,197000000
4	2,143588810	2,215334560	2,288866410	2,364213760	2,441406250	2,520473760	2,601446410	2,684354560	2,769228810	2,856100000
5	2,593742460	2,702708163	2,815305684	2,931625062	3,051757813	3,175796938	3,303836941	3,435973837	3,572305165	3,712930000
6	3,138428377	3,297303959	3,462825992	3,635215077	3,814697266	4,001504141	4,195872915	4,398046511	4,608273663	4,826809000
7	3,797498336	4,022710830	4,259275970	4,507666696	4,768371582	5,041895218	5,328758602	5,629499534	5,944673025	6,274851700
8	4,594972986	4,907707213	5,238909443	5,589506703	5,960464478	6,352787975	6,767523424	7,205759404	7,668628202	8,157307210
9	5,559917313	5,987402800	6,443858615	6,930988312	7,450580597	8,004512848	8,594754749	9,223372037	9,892530381	10,604499373
10	6,727499949	7,304631415	7,925946096	8,594425506	9,313225746	10,085686189	10,915338531	11,805916207	12,761364191	13,785849185
11	8,140274939	8,911650327	9,748913698	10,657087628	11,641532183	12,707964598	13,862479934	15,111572745	16,462159807	17,921603940
12	9,849732676	10,872213399	11,991163849	13,214788659	14,551915228	16,012035393	17,605349516	19,342813114	21,236186151	23,298085122
13	11,918176538	13,264100346	14,749131534	16,386337937	18,189894035	20,175164596	22,358793886	24,758800786	27,394680134	30,287510659
14	14,420993611	16,182202423	18,141431787	20,319059042	22,737367544	25,420707391	28,395668235	31,691265006	35,339137373	39,373763857
15	17,449402269	19,742286956	22,313961098	25,195633212	28,421709430	32,030091312	36,062498658	40,564819207	45,587487211	51,185893014
16	21,113776745	24,085590086	27,446172150	31,242585183	35,527136788	40,357915053	45,799373296	51,922968585	58,807858503	66,541660918
17	25,547669862	29,384419905	33,758791745	38,740805626	44,408920985	50,850972967	58,165204086	66,461399789	75,862137468	86,504159194
18	30,912680533	35,848992284	41,523313846	48,038598977	55,511151231	64,072225939	73,869809189	85,070591730	97,862157334	112,455406952
19	37,404343445	43,735770586	51,073676031	59,567862731	69,388939039	80,731004683	93,814657670	108,890357415	126,242182961	146,192029038
20	45,259255568	53,357640115	62,820621518	73,864149787	86,736173799	101,721065900	119,144615241	139,379657491	162,852416020	190,049637749
21	54,763699237	65,096320941	77,269364467	91,591545735	108,420217249	128,168543034	151,313661355	178,405961588	210,079616665	247,064529073
22	66,264076077	79,417511548	95,041318294	113,573516712	135,525271561	161,492364223	192,168349921	228,359630833	271,002705498	321,183887795
23	80,179532054	96,889364088	116,900821501	140,831160723	169,406589451	203,480378921	244,058304400	292,300327466	349,593490093	417,539054134
24	97,017233785	118,205024187	143,788010447	174,630639296	211,758236814	256,385277441	309,948331588	374,144419157	450,975602220	542,800770374
25	117,390852880	144,210129509	176,859252850	216,541992727	264,697796017	323,045449576	393,634381117	478,904856521	581,758526864	705,641001487
26	142,042931984	175,936358000	217,536881005	268,512070982	330,872245021	407,037266465	499,915664019	612,998216346	750,468499654	917,333301933
27	171,871947701	214,642356761	267,570363636	332,954968018	413,590306277	512,866955746	634,892893304	784,637716923	968,104364554	1192,53292512
28	207,965056718	261,863675248	329,111547272	412,864160342	516,987882846	646,212364241	806,313974496	1004,336277662	1248,854630274	1550,293280266
29	251,637718629	319,473683802	404,807203145	511,951558824	646,234853557	814,227578943	1024,018747610	1285,550435407	1611,022473054	2015,381264346
30	304,481639541	389,757894239	497,912859868	634,819932942	807,793566946	1025,926749468	1300,503809464	1645,504557321	2078,218990240	2619,995643650
31	368,422783845	475,504630972	612,432817638	787,176716848	1009,741958683	1292,667704330	1651,639838020	2106,245833371	2680,902497409	3405,994336745
32	445,791568453	580,115649785	753,292365695	976,099128891	1262,177448354	1628,761307456	2097,582594285	2695,994666715	3458,364221658	4427,792637768
33	539,407797828	707,741092738	926,549609805	1210,362919825	1577,721810442	2052,239247394	2663,929894742	3450,873173395	4461,289845938	5756,130429099
34	652,683435371	863,444133140	1139,656020060	1500,850020583	1972,152263053	2585,821451717	3383,190966322	4417,117661946	5755,063901261	7482,969557829
35	789,746956799	1053,401842431	1401,776904673	1861,054025523	2465,190328816	3258,135029163	4296,652572229	5653,910607291	7424,032432626	9727,860425177
36	955,593817727	1285,150247766	1724,185592748	2307,706991648	3081,487911020	4105,250136746	5456,748709581	7237,005577332	9577,001838088	12646,218552730
37	1156,26851945	1567,88330227	2120,74827908	2861,55666964	3851,85988877	5172,61517230	6930,07086117	9263,36713899	12354,33237113	16440,08411855
38	1399,08490853	1912,81762878	2608,52038327	3548,33027036	4814,82486097	6517,49511710	8801,18999368	11857,10993790	15937,08875876	21372,10935411
39	1692,89273933	2333,63750711	3208,48007142	4399,92953524	6018,53107621	8212,04384754	11177,51129198	15177,10072051	20558,84449880	27783,74216035
40	2048,40021459	2847,03775867	3946,43048785	5455,91262370	7523,16384526	10347,17524790	14195,43934081	19426,68892226	26520,90940346	36118,86480845
41	2478,56425965	3473,38606558	4854,10950005	6765,33165339	9403,95480658	13037,44081236	18028,20796283	24866,16182049	34211,97313046	46954,52425099
42	2999,06275417	4237,53100000	5970,55468506	8389,01125021	11754,94350822	16427,17542357	22895,82411280	31828,68713023	44133,44533829	61040,88152629
43	3628,86593255	5169,78782000	7343,78226263	10402,37395025	14693,67938528	20698,24103370	29077,69662325	40740,71952669	56932,14448640	79353,14598417
44	4390,92777839	6307,14114040	9032,85218303	12898,94369832	18367,09923160	26079,78370246	36928,67471153	52148,12099416	73442,46638745	103159,08977942
45	5313,02261185	7694,71219129	11110,40818513	15994,69018591	22958,87403950	32860,52746510	46899,41688364	66749,59487253	94740,78163981	134106,81671325
46	6428,75736034	9387,54887338	13665,80206771	19833,41583053	28698,59254937	41404,26460603	59562,25944223	85439,48143684	122215,60831536	174338,86172723
47	7778,79640601	11452,80962552	16808,93654329	24593,4562986	35873,24068672	52169,37340360	75644,06949163	109362,53623915	157658,13472681	226640,52024539
48	9412,34365127	13972,42774314	20674,99194824	30495,86018102	44841,55085839	65733,41048854	96067,96825437	139984,04638611	203378,99379758	294632,67631901
49	11388,93581803	17046,36184663	25430,24009634	37814,86662447	56051,93857299	82824,09721556	122006,31968305	179179,57937422	262358,90199888	383022,47921471
50	13780,61233982	20796,56145288	31279,19531850	46890,43461434	70064,92321624	104358,36249160	154948,02599747	229349,86159901	338442,98357856	497929,22297913

I	31%	32%	33%	34%	35%	36%	37%	38%	39%	40%
1	1,310000000	1,320000000	1,330000000	1,340000000	1,350000000	1,360000000	1,370000000	1,380000000	1,390000000	1,400000000
2	1,716100000	1,742400000	1,768900000	1,795600000	1,822500000	1,849600000	1,876900000	1,904400000	1,932100000	1,960000000
3	2,248091000	2,299968000	2,352637000	2,406104000	2,460375000	2,515456000	2,571353000	2,628072000	2,685619000	2,744000000
4	2,944999210	3,035957760	3,129007210	3,224179360	3,321506250	3,421020160	3,522753610	3,626739360	3,733010410	3,841600000
5	3,857948965	4,007464243	4,161579589	4,320400342	4,484033438	4,652587418	4,826172446	5,004900317	5,188884470	5,378240000
6	5,053913144	5,289852801	5,534908554	5,789336459	6,053445141	6,327518888	6,611856251	6,906762437	7,212549413	7,529536000
7	6,620626219	6,982605697	7,361418136	7,757710855	8,172150940	8,605425688	9,058243063	9,531332163	10,025443684	10,541350400
8	8,673020347	9,217039521	9,790686120	10,395332545	11,032403769	11,703378935	12,409792997	13,153238385	13,935366721	14,757890560
9	11,361656654	12,166492167	13,021612540	13,929745611	14,893745088	15,916595352	17,001416406	18,151468972	19,370159742	20,661046784
10	14,883770217	16,059769661	17,318744678	18,665859119	20,106555869	21,646569678	23,291940476	25,049027181	26,924522042	28,925465498
11	19,497738985	21,198895952	23,033930422	25,012251219	27,143850423	29,439334763	31,909958452	34,567657510	37,425085638	40,495651697
12	25,542038070	27,982542657	30,635127461	33,516416633	36,644198071	40,037495277	43,716643079	47,703367364	52,020869037	56,693912375
13	33,460069872	36,936956307	40,744719523	44,911998289	49,469667395	54,450993577	59,891801018	65,830646962	72,309007962	79,371477325
14	43,832691532	48,756782325	54,190476966	60,184077707	66,784050984	74,053351265	82,051767394	90,846292807	100,509521067	111,120068256
15	57,420825907	64,358952669	72,073334365	80,643984127	90,158468828	100,712557720	112,410921330	125,367884074	139,708234283	155,568095558
16	75,221281938	84,953817523	95,857534705	108,062938730	121,713932918	136,969078499	154,002962223	173,007680022	194,194445653	217,795333781
17	98,539879338	112,139039130	127,490521158	144,804337899	164,313809439	186,277946759	210,984058245	238,750598431	269,930279458	304,913467293
18	129,087241933	148,023531651	169,562393140	194,037812784	221,823642742	253,338007592	289,048159796	329,475825835	375,203088447	426,878854211
19	169,104286933	195,391061780	225,517982876	260,010669131	299,461917702	344,539690325	395,995978920	454,676639652	521,532292941	597,630395895
20	221,526615882	257,916201549	299,938917224	348,414296636	404,273588898	468,573978842	542,514491120	627,453762720	724,929887188	836,682554253
21	290,199866805	340,449386045	398,918759909	466,875157492	545,769345012	637,260611225	743,244852835	865,886192553	1007,652543192	1171,355575954
22	380,161825515	449,393189579	530,561950678	625,612711039	736,788615766	866,674431267	1018,245448384	1194,922945723	1400,637035037	1639,897806336
23	498,011991424	593,199010245	705,647394402	838,321032793	994,664631285	1178,677226523	1394,996264286	1648,993665098	1946,85478701	2295,856928870
24	652,395708766	783,022693523	938,511034555	1123,350183942	1342,797252234	1603,001028071	1911,144882072	2275,611257836	2706,170815395	3214,199700418
25	854,638378484	1033,589955450	1248,219675958	1505,289246482	1812,776290516	2180,081398176	2618,268488439	3140,343535813	3761,577433399	4499,879580585
26	1119,57627581	1364,338741194	1660,132169024	2017,087590286	2447,247992197	2964,910701520	3587,027829161	4333,674079422	5228,592632424	6299,831412819
27	1466,64492132	1800,927138377	2207,975784802	2702,897370984	3303,784789466	4032,278554067	4914,228125950	5980,470229603	7267,73759074	8819,763977946
28	1921,30484692	2377,223822657	2936,607793787	3621,882477118	4460,109465779	5483,898833531	6732,492532552	8253,048916852	10102,16382511	12347,66956912
29	2516,90934947	3137,935445907	3905,688365737	4853,322519338	6021,147778801	7458,102413602	9223,514769596	11389,20750526	14042,00771690	17286,73739678
30	3297,15124780	4142,074788598	5194,565526430	6503,452175913	8128,549501382	10143,01928250	12636,21523435	15717,10635725	19518,39072649	24201,43235548
31	4319,26813463	5467,53872095	6908,77215015	8714,62591572	10973,54182687	13794,50622420	17311,61487106	21689,60677301	27130,56310982	33882,00529768
32	5658,24125636	7217,15111165	9188,66695970	11677,59872707	14814,28146627	18760,52846491	23716,91237335	29931,65734675	37711,48272265	47434,80741675
33	7412,29604583	9526,63946738	12220,92705640	15647,98229427	19999,27997946	25514,31871228	32492,16995148	41305,68713852	52418,96098448	66408,73038345
34	9710,10782004	12575,16409694	16253,83298502	20968,29627433	26999,02797227	34699,47344870	44514,27283353	57001,84825115	72862,35576843	92972,22253683
35	12720,2412442	16599,21660797	21617,59787007	28097,51700760	36448,68776257	47191,28389023	60984,55378194	78662,55058659	101278,6745181	130161,1115516
36	16663,5160300	21910,96592251	28751,40516720	37650,67279018	49205,72847947	64180,14609071	83548,83868126	108554,3198095	140777,3575802	182225,5561722
37	21829,2059993	28922,47501772	38239,36887237	50451,90153884	66427,73344728	87284,99868336	114461,9089933	149804,9613371	195680,5270365	255115,7786411
38	28596,2598590	38177,66702339	50858,36060025	67605,54806205	89677,44015383	118707,5982094	156812,8153208	206730,8466452	271995,9325807	357162,0900975
39	37461,1004153	50394,52047087	67641,61959834	90591,43440315	121064,5442077	161442,3335648	214833,5569896	285288,5683704	378074,3462871	500026,9261365
40	49074,0145441	66520,76702155	89963,35406579	121392,5221002	163437,1346804	219561,5736481	294321,9730757	393698,2243511	525523,3413391	700037,6965911
41	64286,9944227	87807,4124684	119651,2609075	162665,9796143	220640,1318185	298603,7401614	403221,1031137	543303,5496046	730477,4444614	980052,7752275
42	84215,9626938	115905,7844584	159136,1770070	217972,4126832	297864,1779549	406101,0866194	552412,9112658	749758,8984543	1015363,647801	1372073,885318
43	110322,911129	152995,6354850	211651,1154193	292083,0329954	402116,6402392	552297,4778025	756805,6884341	1034667,279867	1411355,470444	1920903,439446
44	144523,013579	201954,2388402	281495,9835074	381391,2642139	542857,4643229	751124,5698113	1036823,793155	1427840,846216	1961784,103917	2689264,815224
45	189325,147788	266579,5952691	374389,6580651	524464,2940466	732857,5768359	1021529,414943	1420448,596622	1970420,367779	2726879,904445	3764970,741314
46	248015,943603	351885,0657552	497938,2452266	702782,1540224	989357,7287285	1389280,004323	1946014,577372	2719180,107534	3790363,067178	5270959,037840
47	324900,886119	464488,2867969	662257,8661514	941728,0863900	1335632,933783	1889420,805979	2666039,971000	3752468,548398	5268604,663377	7379342,652975
48	425620,160816	613124,5385719	880802,9619814	1261915,635763	1803104,460608	2569612,259596	3652474,793270	5178406,596789	7323360,482094	10331079,71417
49	557562,410670	809324,3909149	1171467,939435	1690966,951922	2434191,021820	3494672,722554	5003890,421570	7146201,103568	10179471,07011	14463511,59983
50	730406,757977	1068308,196008	1558052,359449	2265895,715575	3286157,879457	4752754,902674	6855329,877550	9861757,522924	14149464,78745	20248916,23976

II	0.25%	0.5%	0.75%	1%	1.25%	1.5%	1.75%	2%	2.25%	2.5%
1	0.997506234	0.995024876	0.992555831	0.990099010	0.987654321	0.985221675	0.982800983	0.980392157	0.977995110	0.975609756
2	0.995018688	0.990074503	0.985167078	0.980296049	0.975461058	0.970661749	0.965897772	0.961168781	0.956474435	0.951814396
3	0.992537344	0.985148759	0.977833328	0.970590148	0.963418329	0.956316994	0.949285279	0.942322335	0.935427321	0.928599411
4	0.990062189	0.980247522	0.970554172	0.960980344	0.951524275	0.942184230	0.932958506	0.923845426	0.914843345	0.905950645
5	0.987593206	0.975370668	0.963329203	0.951465688	0.939777062	0.928260325	0.916912536	0.905730810	0.894712318	0.883854288
6	0.985130380	0.970518078	0.956158018	0.942045235	0.928174876	0.914542193	0.901142542	0.887971382	0.875024272	0.862296866
7	0.982673696	0.965689630	0.949040216	0.932718055	0.916715927	0.901026791	0.885643776	0.870560179	0.855769459	0.841265235
8	0.980223138	0.960885204	0.941975401	0.923483222	0.905398446	0.887711124	0.870411573	0.853490371	0.836938346	0.820746571
9	0.977778691	0.956104680	0.934963177	0.914339824	0.894220688	0.874592240	0.855441349	0.836755266	0.818521610	0.800728362
10	0.975340340	0.951347941	0.928003153	0.905286955	0.883180926	0.861667232	0.840728599	0.820348300	0.800510132	0.781198402
11	0.972908070	0.946614866	0.921094941	0.896323718	0.872277458	0.848933233	0.826268893	0.804263039	0.782894995	0.762144782
12	0.970481865	0.941905340	0.914238155	0.887449225	0.861508600	0.836387422	0.812057880	0.788493176	0.765667477	0.743555885
13	0.968061711	0.937219243	0.907432412	0.878662599	0.850872692	0.824027017	0.798091283	0.773032525	0.748819048	0.725420376
14	0.965647592	0.932556461	0.900677332	0.869962970	0.840368091	0.811849277	0.784364897	0.757875025	0.732341367	0.707727196
15	0.963239493	0.927916877	0.893972538	0.861349475	0.829993176	0.799851505	0.770874592	0.743014730	0.716226276	0.690465557
16	0.960837400	0.923300375	0.887317655	0.852821262	0.819746347	0.788031039	0.757616307	0.728445814	0.700465796	0.673624934
17	0.958441297	0.918706841	0.880712313	0.844377487	0.809626021	0.776385260	0.744586051	0.714162562	0.685052123	0.657195057
18	0.956051169	0.914136160	0.874156142	0.836017314	0.799630638	0.764911587	0.731779902	0.700159375	0.669977626	0.641165909
19	0.953667001	0.909588219	0.867648776	0.827739915	0.789758655	0.753607474	0.719194007	0.686430760	0.655234842	0.625527716
20	0.951288779	0.905062904	0.861189852	0.819544470	0.780008548	0.742470418	0.706824577	0.672971333	0.640816472	0.610270943
21	0.948916488	0.900560104	0.854779010	0.811430169	0.770378813	0.731497949	0.694667889	0.659775817	0.626715376	0.595386286
22	0.946550113	0.896079705	0.848415891	0.803396207	0.760867964	0.720687634	0.682720284	0.646839036	0.612924573	0.580864669
23	0.944189639	0.891621597	0.842100139	0.795441789	0.751474532	0.710037078	0.670978166	0.634155918	0.599437235	0.566697238
24	0.941835051	0.887185669	0.835831404	0.787566127	0.742197069	0.699543920	0.659438001	0.621721488	0.586246685	0.552875354
25	0.939486335	0.882771810	0.829609334	0.779768443	0.733034142	0.689205832	0.648096316	0.609530871	0.573346391	0.539390589
26	0.937143477	0.878379910	0.823433582	0.772047963	0.723984338	0.679020524	0.636949696	0.597579285	0.560729967	0.526234721
27	0.934806460	0.874009861	0.817303804	0.764403924	0.715046259	0.668985738	0.625994787	0.585862044	0.548391165	0.513399728
28	0.932475272	0.869661553	0.811219656	0.756835568	0.706218528	0.659099249	0.615228292	0.574374553	0.536323878	0.500877784
29	0.930149897	0.865334879	0.805180800	0.749342147	0.697499781	0.649358866	0.604646690	0.563112307	0.524522130	0.488661252
30	0.927830322	0.861029730	0.799186898	0.741922918	0.688888672	0.639762430	0.594247636	0.552070889	0.512980078	0.476742685
31	0.925516530	0.856746000	0.793237616	0.734577146	0.680383874	0.630307813	0.584027161	0.541245970	0.501692008	0.465114815
32	0.923208509	0.852483582	0.787332622	0.727304105	0.671984073	0.620992919	0.573982468	0.530633304	0.490652331	0.453770551
33	0.920906243	0.848242370	0.781471585	0.720103075	0.663687973	0.611815684	0.564110534	0.520228729	0.479855580	0.442702977
34	0.918609719	0.844022259	0.775654178	0.712973341	0.655494294	0.602774073	0.554408387	0.510028166	0.469296411	0.431905343
35	0.916318922	0.839823143	0.769880078	0.705914199	0.647401772	0.593866081	0.544873107	0.500027613	0.458969595	0.421371066
36	0.914033837	0.835644919	0.764148961	0.698924950	0.639409158	0.585089735	0.535501826	0.490223150	0.448870020	0.411093723
37	0.911754451	0.831487481	0.758460507	0.692004901	0.631515218	0.576443089	0.526291720	0.480610932	0.438992684	0.401067047
38	0.909480749	0.827350728	0.752814399	0.685153367	0.623718733	0.567924226	0.517240020	0.471187188	0.429332699	0.391284924
39	0.907212717	0.823234555	0.747210321	0.678369670	0.616018502	0.559531257	0.508344000	0.461948223	0.419885280	0.381741389
40	0.904950342	0.819138861	0.741647962	0.671653139	0.608413335	0.551262322	0.499600983	0.452890415	0.410645750	0.372430624
41	0.902693608	0.815063543	0.736127009	0.665003108	0.600902060	0.543115588	0.491008337	0.444010211	0.403160956	0.363346950
42	0.900442501	0.811008500	0.730647155	0.658418919	0.593483516	0.535089249	0.482563476	0.435304128	0.392772162	0.354484829
43	0.898197009	0.806973632	0.725208095	0.651899919	0.586156559	0.527181526	0.474263859	0.426768753	0.384129254	0.345838858
44	0.895957116	0.802958838	0.719809523	0.645445465	0.578920058	0.519390666	0.466106986	0.418400739	0.375676532	0.337403764
45	0.893722809	0.798964018	0.714451140	0.639054916	0.571772897	0.511714942	0.458090404	0.410196803	0.367409811	0.329174404
46	0.891494074	0.794989073	0.709132645	0.632727639	0.564713972	0.504152653	0.450211700	0.402153728	0.359324999	0.321145760
47	0.889270897	0.791033903	0.703853742	0.626463009	0.557742195	0.496702121	0.442468501	0.394268361	0.351418092	0.313312936
48	0.887053263	0.787098411	0.698614136	0.620260405	0.550856489	0.489361695	0.434858477	0.386537609	0.343685175	0.305671157
49	0.884841161	0.783182499	0.693413534	0.614119213	0.544055791	0.482129749	0.427379339	0.378958440	0.336122421	0.298215763
50	0.882634574	0.779286068	0.688251647	0.608038825	0.537339053	0.475004679	0.420028834	0.371527882	0.328726084	0.290942208

II	2.75%	3%	3.25%	3.5%	3.75%	4%	4.25%	4.5%	4.75%	5%
1	0.973236010	0.970873786	0.968523002	0.966183575	0.963855422	0.961538462	0.959232614	0.956937799	0.954653938	0.952380952
2	0.947188331	0.942595909	0.938036806	0.933510700	0.929017274	0.924556213	0.920127208	0.915729951	0.911364141	0.907029478
3	0.921837791	0.915141659	0.908510224	0.901942706	0.895438336	0.888996359	0.882616026	0.876296604	0.870037366	0.863837599
4	0.897165734	0.888487048	0.879913050	0.871442228	0.863073095	0.854804191	0.846634078	0.838561344	0.830584598	0.822702475
5	0.873153999	0.862608784	0.852216029	0.841973167	0.831877682	0.821927107	0.812119020	0.802451047	0.792920857	0.783526166
6	0.849784914	0.837484257	0.825390827	0.813500644	0.801809814	0.790314526	0.779011050	0.767895738	0.756965019	0.746215397
7	0.827041278	0.813091511	0.799410002	0.785990961	0.772828737	0.759917813	0.747252806	0.734828458	0.722639636	0.710681330
8	0.804906354	0.789409234	0.774246975	0.759411556	0.744895168	0.730690205	0.716789262	0.703185127	0.689870774	0.676839362
9	0.783363848	0.766416732	0.749876005	0.733730972	0.717971246	0.702586736	0.687567638	0.672904428	0.658587851	0.644608916
10	0.762397906	0.744093915	0.726272160	0.708918814	0.692020478	0.675564169	0.659537302	0.643927682	0.628723486	0.613913254
11	0.741993095	0.722421277	0.703411293	0.684945714	0.667007690	0.649580932	0.632649690	0.616198739	0.600213352	0.584679289
12	0.722134399	0.701379880	0.681270017	0.661783298	0.642898978	0.624597050	0.606858216	0.589663865	0.572996040	0.556837418
13	0.702807201	0.680951340	0.659825683	0.639404153	0.619661666	0.600574086	0.582118193	0.564271641	0.547012926	0.530321351
14	0.683997276	0.661117806	0.639056351	0.617781790	0.597264256	0.577475083	0.558386756	0.539972862	0.522208044	0.505067953
15	0.665690780	0.641861947	0.618940776	0.596890619	0.575676391	0.555264503	0.535622787	0.516720442	0.498527965	0.481017098
16	0.647874238	0.623166939	0.599458379	0.576705912	0.554868811	0.533908176	0.513786847	0.494469323	0.475921685	0.458111522
17	0.630534538	0.605016446	0.580589229	0.557203779	0.534813312	0.513373246	0.492841100	0.473176385	0.454340511	0.436296688
18	0.613658918	0.587394608	0.562314023	0.538361140	0.515482710	0.493628121	0.472749256	0.452800369	0.433737958	0.415520655
19	0.597234957	0.570286027	0.544614066	0.520155690	0.496850805	0.474642424	0.453476505	0.433301788	0.414069650	0.395733957
20	0.581250566	0.553675754	0.527471250	0.502565884	0.478892342	0.456386946	0.434989453	0.414642860	0.395293222	0.376889483
21	0.565693982	0.537549276	0.510868039	0.485570903	0.461582980	0.438833602	0.417256070	0.396787426	0.377368231	0.358942365
22	0.550553754	0.521892501	0.494787447	0.469150631	0.444899258	0.421955387	0.400245631	0.379700886	0.360256067	0.341849871
23	0.535818738	0.506691748	0.479213024	0.453285634	0.428818562	0.405726333	0.383928663	0.363350130	0.343919873	0.325571306
24	0.521478091	0.491933736	0.464128836	0.437957134	0.413319096	0.390121474	0.368276895	0.347703474	0.328324462	0.310067910
25	0.507521256	0.477605569	0.449519454	0.423146989	0.398379852	0.375116802	0.353263208	0.332730597	0.313436240	0.295302772
26	0.493937962	0.463694727	0.435369931	0.408837671	0.383980580	0.360689233	0.338861591	0.318402485	0.299223141	0.281240735
27	0.480718211	0.450189056	0.421665793	0.395012242	0.370101764	0.346816570	0.325047089	0.304691373	0.285654550	0.267848319
28	0.467852274	0.437076753	0.408393020	0.381654340	0.356724591	0.333477471	0.311795769	0.291570692	0.272701241	0.255093637
29	0.455330680	0.424346362	0.395538034	0.368749815	0.343830932	0.320651415	0.299084671	0.279015016	0.260335313	0.242946321
30	0.443144214	0.411986760	0.383087684	0.356278411	0.331403307	0.308318668	0.286891770	0.267000016	0.248530132	0.231377449
31	0.431283907	0.399987145	0.371029234	0.344230348	0.319424875	0.296460258	0.275195943	0.255502407	0.237260269	0.220359475
32	0.419741029	0.388337034	0.359350348	0.332589709	0.307879397	0.285057940	0.263976924	0.244499911	0.226501451	0.209866167
33	0.408507084	0.377026247	0.348039078	0.321342714	0.296751226	0.274094173	0.253215274	0.233971207	0.216230502	0.199872540
34	0.397573804	0.366044900	0.337083853	0.310476052	0.286025278	0.263552090	0.242892350	0.223895892	0.206425300	0.190354800
35	0.386933143	0.355383398	0.326473465	0.299976862	0.275687015	0.253415471	0.232990263	0.214254442	0.197064725	0.181290285
36	0.376577268	0.345032425	0.316197060	0.289832717	0.265722424	0.243668722	0.223491859	0.205028174	0.188128616	0.172657415
37	0.366498558	0.334982937	0.306244126	0.280031610	0.256117999	0.234380688	0.214380680	0.196199210	0.179597724	0.164435633
38	0.356689594	0.325226152	0.296604481	0.270561942	0.246860722	0.225285431	0.205640941	0.187750440	0.171453675	0.156605365
39	0.347143157	0.315753546	0.287268262	0.261412505	0.237938046	0.216620606	0.197257497	0.179665493	0.163678926	0.149147966
40	0.337852221	0.306556841	0.278225920	0.252572468	0.229337875	0.208289045	0.189215824	0.171928701	0.156256731	0.142045682
41	0.328809947	0.297628001	0.269468203	0.244031370	0.221048554	0.200277928	0.181501990	0.164525073	0.149171104	0.135281602
42	0.320009681	0.288959224	0.260986153	0.235779102	0.213058848	0.192574930	0.174102628	0.157440261	0.142406782	0.128839621
43	0.311444945	0.280542936	0.252771093	0.227805895	0.205357925	0.185168202	0.167004919	0.150660537	0.135949195	0.122704401
44	0.303109436	0.272371782	0.244814618	0.220102314	0.197935350	0.178046348	0.160196565	0.144172763	0.129784434	0.116861334
45	0.294997018	0.264438624	0.237108589	0.212659241	0.190781060	0.171198412	0.153665770	0.137964366	0.123899221	0.111296509
46	0.287101720	0.256736528	0.229645122	0.205467866	0.183885359	0.164613858	0.147401218	0.132023317	0.118280879	0.105996675
47	0.279417733	0.249258765	0.222416583	0.198519677	0.177238900	0.158282555	0.141392056	0.126338102	0.112917307	0.100949214
48	0.271939399	0.241998801	0.215415577	0.191806451	0.170832675	0.152194765	0.135627871	0.120897706	0.107796952	0.096142109
49	0.264661216	0.234950292	0.208634941	0.185320243	0.164658000	0.146341120	0.130098677	0.115691584	0.102908785	0.091563913
50	0.257577826	0.228107080	0.202067740	0.179053375	0.158706506	0.140712615	0.124794894	0.110709650	0.098242277	0.087203727

II	5.25%	5.5%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%
1	0.950118765	0.947867299	0.945626478	0.943396226	0.941176471	0.938967136	0.936768150	0.934579439	0.932400932	0.930232558
2	0.902725667	0.898452416	0.894209435	0.889996440	0.885813149	0.881659283	0.877534567	0.873438728	0.869371499	0.865332612
3	0.857696596	0.851613664	0.845588118	0.839619283	0.833706493	0.827849092	0.822046432	0.816297877	0.810602796	0.804960570
4	0.814913630	0.807216743	0.799610514	0.792093663	0.784664935	0.777323091	0.770066916	0.762895212	0.755806803	0.748800530
5	0.774264732	0.765134354	0.756132873	0.747258173	0.738508174	0.729880837	0.721374160	0.712986179	0.704714968	0.696558632
6	0.735643451	0.725245833	0.715019266	0.704960540	0.695066516	0.685334119	0.675760337	0.666342224	0.657076893	0.647961518
7	0.698948647	0.687436809	0.676141150	0.665057114	0.654180251	0.643506215	0.633030761	0.622749742	0.612659108	0.602754901
8	0.664084225	0.651598871	0.639376974	0.627412371	0.615699060	0.604231188	0.593003055	0.582009105	0.571243923	0.560702233
9	0.630958884	0.617629261	0.604611795	0.591898464	0.579481468	0.567353228	0.555506374	0.543933743	0.532628367	0.521583473
10	0.599485875	0.585430579	0.571736922	0.558394777	0.545394323	0.532726036	0.520380678	0.508349292	0.496623186	0.485193928
11	0.569582779	0.554910502	0.540649572	0.526787525	0.513312304	0.500212240	0.487476045	0.475092796	0.463051921	0.451343189
12	0.541171287	0.525981518	0.511252550	0.496969364	0.483117462	0.469682854	0.456652033	0.444011959	0.431750043	0.419854129
13	0.514176995	0.498560681	0.483453948	0.468839022	0.454698788	0.441016765	0.427777080	0.414964448	0.402564143	0.390561981
14	0.488529211	0.472569366	0.457166854	0.442300964	0.427951800	0.414100249	0.400727944	0.387817241	0.375351182	0.363313471
15	0.464160771	0.447933048	0.432309082	0.417265061	0.402778165	0.388826524	0.375389175	0.362446020	0.349977792	0.337966019
16	0.441007858	0.424581088	0.408802914	0.393646284	0.379085332	0.365095328	0.351652623	0.338734598	0.326319620	0.314386995
17	0.419009841	0.402446529	0.386574860	0.371364419	0.356786195	0.342812515	0.329416977	0.316574390	0.304260718	0.292453018
18	0.398109113	0.381465904	0.365555423	0.350343791	0.335798772	0.321889685	0.308587332	0.295863916	0.283692977	0.272049319
19	0.378250939	0.361579056	0.345678887	0.330513010	0.316045903	0.302243836	0.289074784	0.276508333	0.264515596	0.253069134
20	0.359383315	0.342728963	0.326883108	0.311804727	0.297454967	0.283797029	0.270796051	0.258419003	0.246634589	0.235413148
21	0.341456831	0.324861577	0.309109322	0.294155403	0.279957616	0.266476083	0.253673115	0.241513087	0.229962320	0.218988975
22	0.324424542	0.307925665	0.292301960	0.277505097	0.263489521	0.250212285	0.237632895	0.225713165	0.214417082	0.203710674
23	0.308241846	0.291872668	0.276408472	0.261797261	0.247990137	0.234941113	0.222606927	0.210946883	0.199922687	0.189498302
24	0.292866362	0.276656558	0.261379170	0.246978548	0.233402482	0.220601984	0.208531079	0.197146620	0.186408100	0.176277490
25	0.278257826	0.262233704	0.247167064	0.232998631	0.219672925	0.207138013	0.195345273	0.184249178	0.173807086	0.163979060
26	0.264377982	0.248562753	0.233727720	0.219810029	0.206750988	0.194495787	0.182993230	0.172195493	0.162057889	0.152538661
27	0.251190481	0.235604505	0.221019121	0.207367952	0.194589165	0.182625152	0.171422230	0.160930367	0.151102927	0.141896429
28	0.238660790	0.223321805	0.209001533	0.195630143	0.183142744	0.171479016	0.160582885	0.150402212	0.140888510	0.131996678
29	0.226756095	0.211679436	0.197637383	0.184556739	0.172369641	0.161013160	0.150428932	0.140562815	0.131364578	0.122787607
30	0.215445221	0.200644016	0.186891142	0.174110131	0.162230250	0.151186066	0.140917033	0.131367117	0.122484455	0.114221030
31	0.204698547	0.190183901	0.176729213	0.164254840	0.152687294	0.141958748	0.132006588	0.122773007	0.114204620	0.106252121
32	0.194487931	0.180269101	0.167119823	0.154957397	0.143705689	0.133294599	0.123659567	0.114741128	0.106484494	0.098839182
33	0.184786633	0.170871185	0.158032929	0.146186223	0.135252413	0.125159248	0.115840344	0.107234699	0.099286242	0.091943425
34	0.175569247	0.161963209	0.149440122	0.137911531	0.127296389	0.117520420	0.108515545	0.100219345	0.092574584	0.085528768
35	0.166811636	0.153519629	0.141314536	0.130105218	0.119808366	0.110347812	0.101653906	0.093662939	0.086316629	0.079561644
36	0.158490866	0.145516236	0.133630767	0.122740772	0.112760815	0.103612969	0.095226141	0.087535457	0.080481705	0.074010832
37	0.150585146	0.137930082	0.126364792	0.115793181	0.106127826	0.097289173	0.089204816	0.081808838	0.075041217	0.068847286
38	0.143073773	0.130739414	0.119493893	0.109238850	0.099885013	0.091351336	0.083564231	0.076456858	0.069968501	0.064043987
39	0.135937076	0.123923615	0.112996589	0.103055519	0.094009424	0.085775903	0.078280310	0.071455008	0.065238695	0.059575802
40	0.129156367	0.117463142	0.106852567	0.097222188	0.088479457	0.080540754	0.073330501	0.066780381	0.060828620	0.055419350
41	0.122713888	0.111339471	0.101042616	0.091719045	0.083274784	0.075625121	0.068693678	0.062411571	0.056716662	0.051552884
42	0.116592767	0.105535044	0.095548573	0.086527401	0.078376267	0.071009503	0.064350049	0.058328571	0.052882669	0.047956171
43	0.110776976	0.100033217	0.090353261	0.081629624	0.073765898	0.066675590	0.060281077	0.054512683	0.049307850	0.044610392
44	0.105251284	0.094818215	0.085440436	0.077009079	0.069426728	0.062606188	0.056469393	0.050946433	0.045974685	0.041498039
45	0.100001220	0.089875085	0.080794738	0.072650074	0.065342803	0.058785153	0.052898729	0.047613489	0.042866839	0.038602827
46	0.095013035	0.085189654	0.076401644	0.068537806	0.061499108	0.055197326	0.049553844	0.044498588	0.039969081	0.035909606
47	0.090273668	0.080748488	0.072247417	0.064658308	0.057881514	0.051828476	0.046420463	0.041587465	0.037267208	0.033404285
48	0.085770706	0.076538851	0.068319071	0.060998403	0.054476719	0.048665235	0.043485211	0.038866790	0.034747980	0.031073753
49	0.081492357	0.072548674	0.064604322	0.057545664	0.051272206	0.045695057	0.040735561	0.036324103	0.032399049	0.028905817
50	0.077427418	0.068766515	0.061091558	0.054288362	0.048256194	0.042906156	0.038159776	0.033947759	0.030208903	0.026889132

II	7.75%	8%	8.25%	8.5%	8.75%	9%	9.25%	9.5%	9.75%	10%
1	0.928074246	0.925925926	0.923787529	0.921658986	0.919540230	0.917431193	0.915331808	0.913242009	0.911161731	0.909090909
2	0.861321806	0.857338820	0.853383398	0.849455287	0.845554234	0.841679993	0.837832318	0.834010967	0.830215700	0.826446281
3	0.799370586	0.793832241	0.788344941	0.782908098	0.777521135	0.772183480	0.766894571	0.761653851	0.756460775	0.751314801
4	0.741875253	0.735029853	0.728263225	0.721574284	0.714961963	0.708425211	0.701962994	0.695574293	0.689258109	0.683013455
5	0.688515316	0.680583197	0.672760485	0.665045423	0.657436288	0.649931386	0.642529056	0.635227665	0.628025612	0.620921323
6	0.638993333	0.630169627	0.621487746	0.612945091	0.604539115	0.596267327	0.588127282	0.580116589	0.572232904	0.564473930
7	0.593033256	0.583490395	0.574122629	0.564926351	0.555898037	0.547034245	0.538331609	0.529786840	0.521396723	0.513158118
8	0.550378892	0.540268885	0.530367325	0.520669448	0.511170609	0.501866280	0.492752044	0.483823598	0.475076741	0.466507380
9	0.510792475	0.500248967	0.489946720	0.479879675	0.470041939	0.460427780	0.451031620	0.441848034	0.432871746	0.424097618
10	0.474053341	0.463193488	0.452606670	0.442285415	0.43222473	0.422410807	0.412843588	0.403514187	0.394416169	0.385543289
11	0.439956697	0.428882859	0.418112397	0.407636327	0.397445952	0.387532850	0.377888868	0.368506107	0.359376920	0.350493899
12	0.408312480	0.397113759	0.386247018	0.375701684	0.365467542	0.355434725	0.345893700	0.336535257	0.327450496	0.318630818
13	0.378944297	0.367697925	0.356810178	0.346268833	0.336062108	0.326178647	0.316607506	0.307338134	0.298360361	0.289664380
14	0.351688442	0.340461041	0.329616793	0.319141782	0.309022628	0.299246465	0.289800921	0.280674095	0.271854543	0.263331254
15	0.326392986	0.315241705	0.304495883	0.294139891	0.284158738	0.274538041	0.265264001	0.256323375	0.247703456	0.239392049
16	0.302916924	0.291890468	0.281289499	0.271096674	0.261295391	0.251869763	0.242804577	0.234085274	0.225697910	0.217629136
17	0.281129396	0.270268951	0.259851731	0.249858686	0.240271624	0.231073177	0.222246753	0.213776506	0.205647298	0.197844669
18	0.260908952	0.250249029	0.240047789	0.230284503	0.220939425	0.211993740	0.203429522	0.195229686	0.187377948	0.179858790
19	0.242142879	0.231712064	0.221753153	0.212243781	0.203162689	0.194489670	0.186205512	0.178291950	0.170731616	0.163507991
20	0.224726570	0.214548207	0.204852798	0.195616388	0.186816266	0.178430890	0.170439828	0.162823699	0.155641115	0.148643628
21	0.208562942	0.198655748	0.189240460	0.180291602	0.171785072	0.163698064	0.156008996	0.148697442	0.141744068	0.135130571
22	0.193561895	0.183940507	0.174817977	0.166167375	0.157963285	0.150181710	0.142799996	0.135796751	0.129151770	0.122845974
23	0.179639810	0.170315284	0.161494667	0.153149655	0.145253595	0.137781385	0.130709379	0.124015297	0.117678151	0.111678158
24	0.166719081	0.157699337	0.149186759	0.141151755	0.133566524	0.126404941	0.119642452	0.113255979	0.107223828	0.101525598
25	0.154727686	0.146017905	0.137818687	0.130093784	0.122819793	0.115967836	0.109512542	0.103430118	0.097698248	0.092295998
26	0.143598780	0.135201764	0.127313503	0.119902105	0.112937740	0.106392510	0.100240313	0.094456729	0.089018905	0.083905453
27	0.133270330	0.125186818	0.117610627	0.110508852	0.103850796	0.097607807	0.091753147	0.086261853	0.081110620	0.076277684
28	0.123684761	0.115913721	0.108647230	0.101851477	0.095494984	0.089548447	0.083984574	0.078777948	0.073904893	0.069343349
29	0.114788641	0.107327519	0.100366956	0.093872329	0.087811480	0.082154538	0.076873752	0.071943331	0.067339310	0.063039409
30	0.106532381	0.099377333	0.092717743	0.086518276	0.080746188	0.075371136	0.070364990	0.065701672	0.061357002	0.057308553
31	0.098869959	0.092016049	0.085651494	0.079740346	0.074249369	0.069147831	0.064407314	0.060001527	0.055906152	0.052098685
32	0.091758663	0.085200045	0.079123782	0.073493407	0.068275282	0.063438377	0.058954063	0.054795915	0.050939547	0.047362441
33	0.085158852	0.078888931	0.073093563	0.067735859	0.062781868	0.058200346	0.053962529	0.050041932	0.046414165	0.043056764
34	0.079033737	0.073045306	0.067522922	0.062429363	0.057730453	0.053394813	0.049393619	0.045700394	0.042290811	0.039142513
35	0.073349176	0.067634543	0.062376833	0.057538583	0.053085474	0.048986067	0.045211551	0.041735520	0.038533769	0.035584103
36	0.068073481	0.062624577	0.057622941	0.053030952	0.048814229	0.044941346	0.041383570	0.038114630	0.035110496	0.032349184
37	0.063177245	0.057985719	0.053231354	0.048876454	0.044886648	0.041230593	0.037879698	0.034807881	0.031991340	0.029408349
38	0.058633174	0.053690481	0.049174461	0.045047423	0.041275078	0.037826232	0.034672493	0.031788020	0.029149285	0.026734863
39	0.054415939	0.049713408	0.045426754	0.041518362	0.037954095	0.034702965	0.031736835	0.029030155	0.026559713	0.024304421
40	0.050502031	0.046030933	0.041964669	0.038265771	0.034900317	0.031837582	0.029049735	0.026511557	0.024200194	0.022094928
41	0.046869635	0.042621235	0.038766438	0.035267992	0.032092246	0.02908791	0.026590146	0.024211468	0.022052090	0.020086298
42	0.043498501	0.039464106	0.035811952	0.032505062	0.029510111	0.026797056	0.024338807	0.022110929	0.020091381	0.018260271
43	0.040369838	0.036540839	0.033082634	0.029958582	0.027135734	0.024584455	0.022278084	0.020192629	0.018306497	0.016600247
44	0.037466207	0.033834110	0.030561325	0.027611597	0.024952399	0.022554546	0.020391839	0.018440757	0.016680180	0.015091133
45	0.034771422	0.031327880	0.028232171	0.025448476	0.022944735	0.020692244	0.018665299	0.016840874	0.015198342	0.013719212
46	0.032270461	0.029007296	0.026080527	0.023454817	0.021098607	0.018983710	0.017084942	0.015379794	0.013848147	0.012472011
47	0.029949384	0.026858607	0.024092866	0.021617343	0.019401018	0.017416248	0.015638391	0.014045474	0.012617902	0.011338192
48	0.027795252	0.024869081	0.022256689	0.019923818	0.017840016	0.015978209	0.014314316	0.012826917	0.011496949	0.010307447
49	0.025796058	0.023026927	0.020560452	0.018362966	0.016404613	0.014658907	0.013102349	0.011714079	0.010475580	0.009370406
50	0.023940657	0.021321229	0.018993489	0.016924393	0.015084701	0.013448539	0.011992997	0.010697789	0.009544948	0.008518551

II	10.5%	11%	11.5%	12%	12.5%	13%	13.5%	14%	14.5%	15%
1	0.904977376	0.900900901	0.896860987	0.892857143	0.888888889	0.884955752	0.881057269	0.877192982	0.873362445	0.869565217
2	0.818984050	0.811622433	0.804359629	0.797193878	0.790123457	0.783146683	0.776261911	0.769467528	0.762761961	0.756143667
3	0.741162036	0.731191381	0.721398771	0.711780248	0.702331962	0.693050162	0.683931199	0.674971516	0.666167652	0.657516232
4	0.670734875	0.658730974	0.646994413	0.635518078	0.624295072	0.613318728	0.602582554	0.592080277	0.581805809	0.571753246
5	0.606999887	0.593451328	0.580264048	0.567426856	0.554928957	0.542759936	0.530909739	0.519368664	0.508127344	0.497176735
6	0.549321164	0.534640836	0.520416186	0.506631121	0.493270184	0.480318527	0.467761885	0.455586548	0.443779340	0.432327596
7	0.497123226	0.481658411	0.466740974	0.452349215	0.438462386	0.425060644	0.412125009	0.399637323	0.387580210	0.375937040
8	0.449885272	0.433926496	0.418601771	0.403883228	0.389744343	0.376159862	0.363105735	0.350559055	0.338498000	0.326901774
9	0.407135993	0.390924771	0.375427597	0.360610025	0.346439416	0.332884833	0.319916947	0.307507943	0.295631441	0.284262412
10	0.368448862	0.352184479	0.336706365	0.321973237	0.307946148	0.294588348	0.281865151	0.269743810	0.258193398	0.247184706
11	0.333437884	0.317283314	0.301978803	0.287476104	0.273729909	0.260697653	0.248339340	0.236617377	0.225496418	0.214943223
12	0.301753742	0.285840824	0.270833007	0.256675093	0.243315475	0.230705888	0.218801181	0.207559102	0.196940103	0.186907150
13	0.273080309	0.257514256	0.242899558	0.229174190	0.216280422	0.204164502	0.192776371	0.182069388	0.172000090	0.162527957
14	0.247131501	0.231994825	0.217847137	0.204619813	0.192249264	0.180676551	0.169847023	0.159709990	0.150218419	0.141328658
15	0.223648418	0.209004347	0.195378598	0.182696261	0.170888235	0.159890753	0.149644954	0.140096482	0.131195126	0.122894485
16	0.202396758	0.188292204	0.175227442	0.163121662	0.151900653	0.141496242	0.131845774	0.122891651	0.114580896	0.106864770
17	0.183164487	0.169632616	0.157154657	0.145644341	0.135022803	0.125217913	0.116163678	0.107799694	0.100070651	0.092925887
18	0.165759717	0.152822177	0.140945881	0.130039590	0.120020269	0.110812312	0.102346853	0.094561135	0.087397949	0.080805119
19	0.150008793	0.137677637	0.126408861	0.116106777	0.106684684	0.098063993	0.090173439	0.082948364	0.076330086	0.070265321
20	0.135754564	0.124033907	0.113371176	0.103666765	0.094830830	0.086782295	0.079447964	0.072761723	0.066663831	0.061100279
21	0.122854809	0.111742259	0.101678185	0.092559612	0.084294071	0.076798491	0.069998206	0.063826073	0.058221686	0.053130677
22	0.111180823	0.100668701	0.091191197	0.082642510	0.074928063	0.067963266	0.061672428	0.055987783	0.050848634	0.046200589
23	0.100616129	0.090692524	0.081785827	0.073787956	0.066602723	0.060144484	0.054336941	0.049112090	0.044409288	0.040174425
24	0.091055321	0.081704976	0.073350518	0.065882103	0.059202420	0.053225207	0.047873957	0.043080781	0.038785404	0.034934283
25	0.082403005	0.073608087	0.065785218	0.058823307	0.052624374	0.047101953	0.042179698	0.037790159	0.033873715	0.030377637
26	0.074572855	0.066313592	0.059000195	0.052520809	0.046777221	0.041683144	0.037162729	0.033149262	0.029584031	0.026415337
27	0.067486747	0.059741975	0.052914973	0.046893580	0.041579752	0.036887738	0.032742493	0.029078300	0.025837582	0.022969858
28	0.061073979	0.053821599	0.047457375	0.041869268	0.036959779	0.032644016	0.028848011	0.025507281	0.022565573	0.019973790
29	0.055270569	0.048487927	0.042562668	0.037383275	0.032885137	0.028888510	0.025416750	0.022374808	0.019707924	0.017368513
30	0.050018615	0.043682817	0.038172797	0.033377924	0.029202789	0.025565053	0.022393612	0.019627024	0.017212161	0.015103054
31	0.045265715	0.039353889	0.034235692	0.029801718	0.025958034	0.022623941	0.019730055	0.017216688	0.015032455	0.013133091
32	0.040964448	0.035453954	0.030704657	0.026608677	0.023073808	0.020021186	0.017383308	0.015102358	0.013128782	0.011420079
33	0.037071898	0.031940499	0.027537809	0.023757747	0.020510052	0.017717864	0.015315690	0.013247682	0.011466185	0.009930503
34	0.033549229	0.028775225	0.024697586	0.021212274	0.018231157	0.015679526	0.013494000	0.011620774	0.010014135	0.008635220
35	0.030361293	0.025923626	0.022150301	0.018939530	0.016205473	0.013875686	0.011888987	0.010193661	0.008745970	0.007508887
36	0.027476284	0.023354618	0.019865741	0.016910295	0.014404865	0.012279369	0.010474878	0.008941808	0.007638401	0.006529467
37	0.024865415	0.021040196	0.017816808	0.015098478	0.012804324	0.010866698	0.009228968	0.007843691	0.006677798	0.005677798
38	0.022502638	0.018955132	0.015979200	0.013480784	0.011381622	0.009616547	0.008131249	0.006880431	0.005826282	0.004937215
39	0.020364378	0.017076695	0.014331121	0.012036414	0.010116997	0.008510218	0.007164096	0.006035466	0.005088456	0.004293231
40	0.018429302	0.015384410	0.012853024	0.010746798	0.008992886	0.007531167	0.006311979	0.005294268	0.004444066	0.003733244
41	0.016678101	0.013859829	0.011527375	0.009595356	0.007993677	0.006664749	0.005561215	0.004644095	0.003881281	0.003246299
42	0.015093304	0.012486332	0.010338453	0.008567282	0.007105490	0.005898008	0.004899749	0.004073768	0.003389765	0.002822869
43	0.013659099	0.011248948	0.009272155	0.007649359	0.006315991	0.005219476	0.004316959	0.003573480	0.002960493	0.002454669
44	0.012361175	0.010134187	0.008315834	0.006829785	0.005614215	0.004619006	0.003803488	0.003134632	0.002585584	0.002134494
45	0.011186584	0.009129899	0.007458147	0.006098022	0.004990413	0.004087616	0.003351091	0.002749677	0.002258152	0.001856082
46	0.010123605	0.008225134	0.006688922	0.005444662	0.004435923	0.003617359	0.002952503	0.002411997	0.001972185	0.001613984
47	0.009161634	0.007410031	0.005999033	0.004861306	0.003943042	0.003201203	0.002601324	0.002115787	0.001722432	0.001403465
48	0.008291071	0.006675703	0.005380298	0.004340452	0.003504927	0.002832923	0.002291916	0.001855954	0.001504308	0.001220404
49	0.007503232	0.006014147	0.004825380	0.003875403	0.003115490	0.002507011	0.002019309	0.001628030	0.001313806	0.001061221
50	0.006790255	0.005418150	0.004327695	0.003460181	0.002769325	0.002218594	0.001779127	0.001428096	0.001147429	0.000922801

II	15.5%	16%	16.5%	17%	17.5%	18%	18.5%	19%	19.5%	20%
1	0.865800866	0.862068966	0.858369099	0.854700855	0.851063830	0.847457627	0.843881857	0.840336134	0.836820084	0.833333333
2	0.749611139	0.743162901	0.736797510	0.730513551	0.724309642	0.718184430	0.712136588	0.706164819	0.700267852	0.694444444
3	0.649013973	0.640657674	0.632444214	0.624370556	0.616433738	0.608630873	0.600959146	0.593415814	0.585998203	0.578703704
4	0.561916860	0.552291098	0.542870570	0.533650048	0.524624458	0.515788875	0.507138520	0.498668751	0.490375065	0.482253086
5	0.486508104	0.476113015	0.465983322	0.456111152	0.446488900	0.437109216	0.427964996	0.419049371	0.410355703	0.401877572
6	0.421219138	0.410442255	0.399985684	0.389838592	0.379990554	0.370431539	0.361151895	0.352142329	0.343393894	0.334897977
7	0.364691894	0.353829530	0.343335351	0.333195378	0.323396216	0.313925033	0.304769532	0.295917923	0.287358907	0.279081647
8	0.315750558	0.305025457	0.294708456	0.284782374	0.275230822	0.266038164	0.257189478	0.248670524	0.240467705	0.232568039
9	0.273377106	0.262952980	0.252968632	0.243403738	0.234238997	0.225456071	0.217037534	0.208966827	0.201228205	0.193806699
10	0.236690135	0.226683603	0.217140456	0.208037383	0.199352338	0.191064467	0.183154037	0.175602375	0.168391803	0.161505583
11	0.204926524	0.195416900	0.186386658	0.177809729	0.169661564	0.161919040	0.154560369	0.147565021	0.140913643	0.134587986
12	0.177425562	0.168462844	0.159988548	0.151974128	0.144392821	0.137219525	0.130430691	0.124004220	0.117919366	0.112156655
13	0.153615205	0.145226590	0.137329225	0.129892417	0.122887507	0.116287733	0.110068094	0.104205226	0.098677294	0.093463879
14	0.133000178	0.125195336	0.117879163	0.111019160	0.104585112	0.098548926	0.092884467	0.087567417	0.082575141	0.077886566
15	0.115151669	0.107927014	0.101183831	0.094888171	0.089008606	0.083516039	0.078383517	0.073586065	0.069100537	0.064905472
16	0.099698415	0.093040529	0.086853074	0.081101001	0.075752005	0.070776305	0.066146428	0.061837029	0.057824717	0.054087893
17	0.086318974	0.080207353	0.074551995	0.069317094	0.064469792	0.059979919	0.055819770	0.051963890	0.048388884	0.045073244
18	0.074735042	0.069144270	0.063993129	0.059245380	0.054867908	0.050830440	0.047105291	0.043667135	0.040492790	0.037561037
19	0.064705664	0.059607129	0.054929724	0.050637077	0.046696092	0.043076644	0.039751301	0.036695071	0.033885180	0.031300864
20	0.056022220	0.051385456	0.047149978	0.043279553	0.039741355	0.036505631	0.033545401	0.030836194	0.028355799	0.026084053
21	0.048504087	0.044297807	0.040472084	0.036991071	0.033822430	0.030936975	0.028308356	0.025912768	0.023728702	0.021736711
22	0.041994880	0.038187765	0.034739986	0.031616300	0.028785046	0.026217775	0.023888908	0.021775435	0.019856655	0.018113926
23	0.036359204	0.032920487	0.029819731	0.027022478	0.024497912	0.022218454	0.020159416	0.018298685	0.016616447	0.015094938
24	0.031479830	0.028379730	0.025596335	0.023096135	0.020849287	0.018829198	0.017012165	0.015377046	0.013904977	0.012579115
25	0.027255264	0.024465284	0.021971103	0.019740287	0.017744074	0.015956948	0.014356258	0.012921888	0.011635964	0.010482596
26	0.023597631	0.021090762	0.018859316	0.016872040	0.015101339	0.013522837	0.012114985	0.010858729	0.009737208	0.008735497
27	0.020430850	0.018181692	0.016188254	0.014420547	0.012852204	0.011460031	0.010223616	0.009124983	0.008148292	0.007279581
28	0.017689047	0.015673872	0.013895497	0.012325254	0.010938046	0.009711891	0.008627524	0.007668053	0.006818654	0.006066317
29	0.015315192	0.013511959	0.011927465	0.010534405	0.009308975	0.008230416	0.007280611	0.006443742	0.005705987	0.005055264
30	0.013259907	0.011648240	0.010238168	0.009003765	0.007922532	0.006974929	0.006143976	0.005414909	0.004774884	0.004212720
31	0.011480439	0.010041587	0.008788127	0.007695526	0.006742580	0.005910957	0.005184790	0.004550344	0.003995719	0.003510600
32	0.009939774	0.008656540	0.007543456	0.006577372	0.005738366	0.005009285	0.004375350	0.003823818	0.003343698	0.002925500
33	0.008605865	0.007462535	0.006475070	0.005621686	0.004883716	0.004245157	0.003692278	0.003213293	0.002798074	0.002437917
34	0.007450965	0.006433219	0.005558000	0.004804860	0.004156354	0.003597591	0.003115847	0.002700246	0.002341484	0.002031597
35	0.006451052	0.005545879	0.004770815	0.004106718	0.003537323	0.003048806	0.002629407	0.002269114	0.001959401	0.001692998
36	0.005585327	0.004780931	0.004095121	0.003510015	0.003010487	0.002583734	0.002218908	0.001906819	0.001639666	0.001410831
37	0.004835781	0.004121491	0.003515125	0.003000013	0.002562117	0.002189605	0.001872497	0.001602369	0.001372105	0.001175693
38	0.004186823	0.003553010	0.003017275	0.002564114	0.002180525	0.001855597	0.001580166	0.001346528	0.001148205	0.000979744
39	0.003624955	0.003062940	0.002589935	0.002191550	0.001855766	0.001572540	0.001333473	0.001131536	0.000960841	0.000816453
40	0.003138489	0.002640465	0.002223120	0.001873120	0.001579375	0.001332661	0.001125294	0.000950871	0.000804051	0.000680378
41	0.002717307	0.002276263	0.001908258	0.001600957	0.001344149	0.001129374	0.000949615	0.000799051	0.000672846	0.000566982
42	0.002352646	0.001962296	0.001637990	0.001368339	0.001143957	0.000957096	0.000801363	0.000671472	0.000563051	0.000472485
43	0.002036923	0.001691634	0.001406000	0.001169521	0.000973580	0.000811099	0.000676256	0.000564262	0.000471173	0.000393737
44	0.001763570	0.001458305	0.001206867	0.000999590	0.000828579	0.000687372	0.000570680	0.000474170	0.000394287	0.000328114
45	0.001526900	0.001257160	0.001035937	0.000854351	0.000705174	0.000582518	0.000481586	0.000398462	0.000329947	0.000273429
46	0.001321992	0.001083758	0.000889216	0.000730214	0.000600148	0.000493660	0.000406402	0.000334842	0.000276106	0.000227857
47	0.001144582	0.000934275	0.000763276	0.000624115	0.000510764	0.000418356	0.000342955	0.000281380	0.000231051	0.000189881
48	0.000990980	0.000805409	0.000655172	0.000533431	0.000434693	0.000354539	0.000289414	0.000236454	0.000193348	0.000158234
49	0.000857991	0.000694318	0.000562380	0.000455924	0.000369951	0.000300457	0.000244231	0.000198700	0.000161798	0.000131862
50	0.000742849	0.000598550	0.000482729	0.000389679	0.000314852	0.000254624	0.000206102	0.000166975	0.000135396	0.000109885

II	21%	22%	23%	24%	25%	26%	27%	28%	29%	30%
1	0,826446281	0,819672131	0,813008130	0,806451613	0,800000000	0,793650794	0,787401575	0,781250000	0,775193798	0,769230769
2	0,683013455	0,671862403	0,660982220	0,650364204	0,640000000	0,629881582	0,620001240	0,610351563	0,600925425	0,591715976
3	0,564473930	0,550706887	0,537383918	0,524487261	0,512000000	0,499906018	0,488189953	0,476837158	0,465833663	0,455166136
4	0,466507380	0,451399088	0,436897495	0,422973598	0,409600000	0,396750808	0,384401538	0,372529030	0,361111367	0,350127797
5	0,385543289	0,369999252	0,355201215	0,341107740	0,327680000	0,314881593	0,302678376	0,291038305	0,279931292	0,269329074
6	0,318630818	0,303278076	0,288781476	0,275086887	0,262144000	0,249906027	0,238329430	0,227373675	0,217001002	0,207176211
7	0,263331254	0,248588587	0,234781688	0,221844264	0,209715200	0,198338116	0,187660968	0,177635684	0,168217831	0,159366316
8	0,217629136	0,203761137	0,190879421	0,178906664	0,167772160	0,157411203	0,147764542	0,138777878	0,130401419	0,122589474
9	0,179858790	0,167017325	0,155186521	0,144279568	0,134217728	0,124929526	0,116350033	0,108420217	0,101086371	0,094299595
10	0,148643628	0,136899447	0,126167903	0,116354490	0,107374182	0,099150418	0,091614199	0,084703295	0,078361528	0,072538150
11	0,122845974	0,112212661	0,102575531	0,093834266	0,085899346	0,078690808	0,072137165	0,066174449	0,060745371	0,055798577
12	0,101525598	0,091977591	0,083394741	0,075672796	0,068719477	0,062453022	0,056800917	0,051698788	0,047089435	0,042921982
13	0,083905453	0,075391468	0,067800602	0,061026448	0,054975581	0,049565891	0,044725132	0,040389678	0,036503438	0,033016910
14	0,069343349	0,061796285	0,055122441	0,049214877	0,043980465	0,039338008	0,035216639	0,031554436	0,028297234	0,025397623
15	0,057308553	0,050652693	0,044814993	0,039689417	0,035184372	0,031220642	0,027729637	0,024651903	0,021935849	0,019536633
16	0,047362441	0,041518601	0,036434953	0,032007595	0,028147498	0,024778287	0,021834360	0,019259299	0,017004530	0,015028179
17	0,039142513	0,034031640	0,029621913	0,025812576	0,022517998	0,019665307	0,017192409	0,015046328	0,013181806	0,011560138
18	0,032349184	0,027894787	0,024082856	0,020816594	0,018014399	0,015607387	0,013537330	0,011754944	0,010218454	0,008892414
19	0,026734863	0,022864579	0,019579558	0,016785766	0,014411519	0,012386815	0,010659315	0,009183550	0,007921283	0,006840318
20	0,022094928	0,018741459	0,015918340	0,013538367	0,011529215	0,009830805	0,008393162	0,007174648	0,006140529	0,005261783
21	0,018260271	0,015361851	0,012941740	0,010918038	0,009223372	0,007802226	0,006608789	0,005605194	0,004760100	0,004047526
22	0,015091133	0,012591681	0,010521740	0,008804870	0,007378698	0,006192243	0,005203771	0,004379058	0,003690000	0,003113481
23	0,012472011	0,010321050	0,008554260	0,007100701	0,005902958	0,004914479	0,004097457	0,003421139	0,002860465	0,002394986
24	0,010307447	0,008459877	0,006954683	0,005726372	0,004722366	0,003900380	0,003226344	0,002672765	0,002217415	0,001842297
25	0,008518551	0,006934326	0,005654214	0,004618042	0,003777893	0,003095540	0,002540428	0,002088097	0,001718926	0,001417151
26	0,007040125	0,005683873	0,004596922	0,003724227	0,003022315	0,002456778	0,002000337	0,001631326	0,001332501	0,001090116
27	0,005818285	0,004658913	0,003737335	0,003003409	0,002417852	0,001949823	0,001575069	0,001274474	0,001032946	0,000838551
28	0,004808500	0,003818781	0,003038483	0,002422104	0,001934281	0,001547479	0,001240212	0,000995682	0,000800734	0,000645039
29	0,003973967	0,003130148	0,002470312	0,001953310	0,001547425	0,001228158	0,000976545	0,000777877	0,000620724	0,000496184
30	0,003284270	0,002565695	0,002008384	0,001575250	0,001237940	0,000974728	0,000768933	0,000607716	0,000481181	0,000381680
31	0,002714273	0,002103029	0,001632832	0,001270363	0,000990352	0,000773594	0,000605459	0,000474778	0,000373009	0,000293600
32	0,002243201	0,001723794	0,001327506	0,001024486	0,000792282	0,000613964	0,000476739	0,000370921	0,000289154	0,000225846
33	0,001853885	0,001412946	0,001079273	0,000826198	0,000633825	0,000487273	0,000375385	0,000289782	0,000224150	0,000173728
34	0,001532136	0,001158153	0,000877458	0,000666289	0,000507060	0,000386724	0,000295579	0,000226392	0,000173760	0,000133637
35	0,001266228	0,000949305	0,000713380	0,000537330	0,000405648	0,000306924	0,000232739	0,000176869	0,000134698	0,000102798
36	0,001046470	0,000778119	0,000579984	0,000433331	0,000324519	0,000243591	0,000183259	0,000138179	0,000104417	0,000079075
37	0,000864851	0,000637803	0,000471532	0,000349460	0,000259615	0,000193326	0,000144299	0,000107952	0,000080943	0,000060827
38	0,000714753	0,000522789	0,000383359	0,000281823	0,000207692	0,000153433	0,000113621	0,000084338	0,000062747	0,000046790
39	0,000590705	0,000428516	0,000311674	0,000227276	0,000166153	0,000121772	0,000089465	0,000065889	0,000048641	0,000035992
40	0,000488186	0,000351242	0,000253394	0,000183287	0,000132923	0,000096645	0,000070445	0,000051476	0,000037706	0,000027686
41	0,000403459	0,000287903	0,000206011	0,000147812	0,000106338	0,000076702	0,000055469	0,000040215	0,000029230	0,000021297
42	0,000333438	0,000235986	0,000167489	0,000119204	0,000085071	0,000060875	0,000043676	0,000031418	0,000022659	0,000016382
43	0,000275568	0,000193432	0,000136170	0,000096132	0,000068056	0,000048313	0,000034391	0,000024545	0,000017565	0,000012602
44	0,000227742	0,000158550	0,000110707	0,000075526	0,000054445	0,000038344	0,000027079	0,000019176	0,000013616	0,000009694
45	0,000188217	0,000129959	0,000090006	0,000062521	0,000043556	0,000030432	0,000021322	0,000014981	0,000010555	0,000007457
46	0,000155551	0,000106524	0,000073175	0,000050420	0,000034845	0,000024152	0,000016789	0,000011704	0,000008182	0,000005736
47	0,000128555	0,000087315	0,000059492	0,000040661	0,000027876	0,000019168	0,000013220	0,000009144	0,000006343	0,000004412
48	0,000106243	0,000071570	0,000048368	0,000032791	0,000022301	0,000015213	0,000010409	0,000007144	0,000004917	0,000003394
49	0,000087805	0,000058664	0,000039323	0,000026445	0,000017841	0,000012074	0,000008196	0,000005581	0,000003812	0,000002611
50	0,000072566	0,000048085	0,000031970	0,000021326	0,000014272	0,000009582	0,000006454	0,000004360	0,000002955	0,000002008

II	31%	32%	33%	34%	35%	36%	37%	38%	39%	40%
1	0,763358779	0,757575758	0,751879699	0,746268657	0,740740741	0,735294118	0,729927007	0,724637681	0,719424460	0,714285714
2	0,582716625	0,573921028	0,565323082	0,556916908	0,548696845	0,540657439	0,532793436	0,525099769	0,517571554	0,510240482
3	0,444821851	0,434788658	0,425054949	0,415609633	0,406442107	0,397542235	0,388900318	0,380507079	0,372353636	0,364431487
4	0,339558665	0,329385347	0,319590187	0,310156442	0,301068228	0,292310467	0,283868845	0,275729767	0,267880314	0,260308205
5	0,259205088	0,249534354	0,240293374	0,231460032	0,223013502	0,214934167	0,207203537	0,199804179	0,192719650	0,185934432
6	0,197866479	0,189041177	0,180671710	0,172731367	0,165195187	0,158039829	0,151243458	0,144785637	0,138647230	0,132810309
7	0,151043114	0,143213013	0,135843391	0,128904005	0,122366805	0,116205756	0,110396684	0,104917128	0,099746209	0,094864506
8	0,115300087	0,108494707	0,102137888	0,096197019	0,090642078	0,085445409	0,080581521	0,076026905	0,071759863	0,067760362
9	0,088015334	0,082192960	0,076795404	0,071788820	0,067142280	0,062827507	0,058818629	0,055091960	0,051625800	0,048400258
10	0,067187278	0,062267394	0,057740906	0,053573746	0,049735022	0,046196696	0,042933306	0,039921710	0,037140864	0,034571613
11	0,051287998	0,047172268	0,043414215	0,039980408	0,036840757	0,033968159	0,031338179	0,028928775	0,026720046	0,024694009
12	0,039151144	0,035736567	0,032642267	0,029836125	0,027289450	0,024976587	0,022874583	0,020962881	0,019223054	0,017638578
13	0,029886369	0,027073157	0,024543058	0,022265765	0,020214407	0,018365138	0,016696776	0,015190493	0,013829536	0,012598984
14	0,022814022	0,020509967	0,018453427	0,016616243	0,014973635	0,013503778	0,012187428	0,011007604	0,009949306	0,008999275
15	0,017415284	0,015537854	0,013874757	0,012400181	0,011091581	0,009929248	0,008895933	0,007976525	0,007157774	0,006428053
16	0,013294110	0,011771101	0,010432148	0,009253866	0,008215986	0,007300918	0,006493382	0,005780090	0,005149478	0,004591467
17	0,010148176	0,008917501	0,007843720	0,006905870	0,006085916	0,005368322	0,004739695	0,004188471	0,003704660	0,003279619
18	0,007746699	0,006755683	0,005897534	0,005153635	0,004508086	0,003947296	0,003459631	0,003035124	0,002665223	0,002342585
19	0,005913511	0,005117941	0,004434236	0,003845996	0,003339323	0,002902423	0,002525278	0,002199365	0,001917427	0,001673275
20	0,004514130	0,003877228	0,003334012	0,002870146	0,002473572	0,002134135	0,001843269	0,001593743	0,001379444	0,001195196
21	0,003445901	0,002937294	0,002506776	0,002141900	0,001832276	0,001569217	0,001345452	0,001154886	0,000992406	0,000853712
22	0,002630459	0,002225223	0,001884794	0,001598433	0,001357241	0,001153836	0,000982081	0,000836874	0,000713961	0,000609794
23	0,002007984	0,001685775	0,001417138	0,001192860	0,001005364	0,000848409	0,000716848	0,000606430	0,000513641	0,000435567
24	0,001532812	0,001277102	0,001065518	0,000890194	0,000744714	0,000623830	0,000523247	0,000439442	0,000369526	0,000311119
25	0,001170086	0,000967502	0,000801141	0,000664324	0,000551640	0,000458698	0,000381932	0,000318436	0,000265846	0,000222228
26	0,000893195	0,000732956	0,000602362	0,000495764	0,000408622	0,000337278	0,000278782	0,000230751	0,000191256	0,000158734
27	0,000681828	0,000555270	0,000452904	0,000369973	0,000302683	0,000247999	0,000203491	0,000167211	0,000133982	0,000103382
28	0,000520480	0,000420659	0,000340529	0,000276100	0,000224210	0,000182352	0,000148533	0,000121167	0,000098989	0,000080987
29	0,000397313	0,000318681	0,000256037	0,000206044	0,000166081	0,000134082	0,000108419	0,000087802	0,000071215	0,000057848
30	0,000303292	0,000241425	0,000192509	0,000153764	0,000123023	0,000098590	0,000079138	0,000063625	0,000051234	0,000041320
31	0,000231521	0,000182898	0,000144744	0,000114750	0,000091128	0,000072493	0,000057765	0,000046105	0,000036859	0,000029514
32	0,000176733	0,000138559	0,000108830	0,000085634	0,000067502	0,000053303	0,000042164	0,000033409	0,000026517	0,000021082
33	0,000134911	0,000104969	0,000081827	0,000063906	0,000050002	0,000039194	0,000030777	0,000024210	0,000019077	0,000015058
34	0,000102985	0,000079522	0,000061524	0,000047691	0,000037038	0,000028819	0,000022465	0,000017543	0,000013725	0,000010756
35	0,000078615	0,000060244	0,000046259	0,000035590	0,000027436	0,000021190	0,000016398	0,000012713	0,000009874	0,000007683
36	0,000060011	0,000045639	0,000034781	0,000026560	0,000020323	0,000015581	0,000011969	0,000009212	0,000007103	0,000005488
37	0,000045810	0,000034575	0,000026151	0,000019821	0,000015054	0,000011457	0,000008737	0,000006675	0,000005110	0,000003920
38	0,000034970	0,000026193	0,000019662	0,000014792	0,000011151	0,000008424	0,000006377	0,000004837	0,000003677	0,000002800
39	0,000026694	0,000019843	0,000014784	0,000011039	0,000008260	0,000006194	0,000004655	0,000003505	0,000002645	0,000002000
40	0,000020377	0,000015033	0,000011116	0,000008238	0,000006119	0,000004555	0,000003398	0,000002540	0,000001903	0,000001428
41	0,000015555	0,000011389	0,000008358	0,000006148	0,000004532	0,000003349	0,000002480	0,000001841	0,000001369	0,000001020
42	0,000011874	0,000008628	0,000006284	0,000004588	0,000003357	0,000002462	0,000001810	0,000001334	0,000000985	0,000000729
43	0,000009064	0,000006536	0,000004725	0,000003424	0,000002487	0,000001811	0,000001321	0,000000966	0,000000709	0,000000521
44	0,000006919	0,000004952	0,000003552	0,000002555	0,000001842	0,000001331	0,000000964	0,000000700	0,000000510	0,000000372
45	0,000005282	0,000003751	0,000002671	0,000001907	0,000001365	0,000000979	0,000000704	0,000000508	0,000000367	0,000000266
46	0,000004032	0,000002842	0,000002008	0,000001423	0,000001011	0,000000720	0,000000514	0,000000368	0,000000264	0,000000190
47	0,000003078	0,000002153	0,000001510	0,000001062	0,000000749	0,000000529	0,000000375	0,000000266	0,000000190	0,000000136
48	0,000002350	0,000001631	0,000001135	0,000000792	0,000000555	0,000000389	0,000000274	0,000000193	0,000000137	0,000000097
49	0,000001794	0,000001236	0,000000854	0,000000591	0,000000411	0,000000286	0,000000200	0,000000140	0,000000098	0,000000069
50	0,000001369	0,000000936	0,000000642	0,000000441	0,000000304	0,000000210	0,000000146	0,000000101	0,000000071	0,000000049

III	0.25%	0.5%	0.75%	1%	1.25%	1.5%	1.75%	2%	2.25%	2.5%
1	1.002500000	1.005000000	1.007500000	1.010000000	1.012500000	1.015000000	1.017500000	1.020000000	1.022500000	1.025000000
2	2.007506250	2.015025000	2.022556250	2.030100000	2.037656250	2.045225000	2.052806250	2.060400000	2.068006250	2.075625000
3	3.015025016	3.030100125	3.045225420	3.060401000	3.075626953	3.090903375	3.106230359	3.121608000	3.137036391	3.152515625
4	4.025062578	4.050250626	4.075564613	4.101005010	4.126572290	4.152266926	4.178089391	4.204040160	4.230119709	4.256285816
5	5.037625235	5.075501879	5.113631347	5.152015060	5.190654444	5.229550930	5.268705955	5.308120963	5.347797403	5.387736729
6	6.052719298	6.105879388	6.159483582	6.213535211	6.268037624	6.322994193	6.378408309	6.434283382	6.490622844	6.547430147
7	7.070351096	7.141408785	7.213179709	7.285670563	7.358888095	7.432839106	7.507530455	7.582969050	7.659161858	7.736115900
8	8.090526974	8.182115829	8.274778557	8.368527268	8.463374196	8.559331693	8.656412238	8.754628431	8.854539300	8.955187898
9	9.113253291	9.228026408	9.344339396	9.462212541	9.581666373	9.702721668	9.825399452	9.949721000	10.075707843	10.203381768
10	10.138536424	10.279166540	10.421921942	10.566834667	10.713937203	10.863262493	11.014843942	11.168715420	11.324911269	11.483466312
11	11.166382765	11.335562373	11.507586356	11.682503013	11.860361418	12.041211431	12.225103711	12.412089728	12.602221773	12.795552970
12	12.196798722	12.397240185	12.601393254	12.809328043	13.021115936	13.236829602	13.456543026	13.680331523	13.908271763	14.140441794
13	13.229790719	13.464226386	13.703403703	13.947421324	14.196379885	14.450382046	14.709532529	14.973938153	15.243707877	15.518952839
14	14.265365196	14.536547518	14.813679231	15.096895537	15.386334633	15.682137777	15.984449348	16.293416916	16.609191305	16.931926660
15	15.303528609	15.614230255	15.932281825	16.257864492	16.591163816	16.932369844	17.281677212	17.639285255	18.005398109	18.380224826
16	16.344287430	16.697301406	17.059273939	17.430443137	17.811053364	18.201355391	18.601606563	19.012070960	19.433019566	19.864730447
17	17.387648149	17.785787914	18.194718493	18.614747569	19.046191531	19.489375722	19.944634678	20.412312379	20.892762507	21.386348708
18	18.433617269	18.879716853	19.338678882	19.810895044	20.296768925	20.796716358	21.311165785	21.840558626	22.385349663	22.946007426
19	19.482201313	19.979115437	20.491218974	21.019003995	21.562978537	22.123667103	22.701611186	23.297369799	23.911520030	24.544657612
20	20.533406816	21.084011015	21.652403116	22.239194035	22.845015768	23.470522110	24.116389382	24.783317195	25.472029231	26.183274052
21	21.587240333	22.194431070	22.822296139	23.471585975	24.143078466	24.837579942	25.555926196	26.298983539	27.067649889	27.862855903
22	22.643708434	23.310403225	24.000963360	24.716301835	25.457366946	26.225143641	27.020654904	27.844963210	28.699172011	29.584427301
23	23.702817705	24.431955241	25.188470586	25.973464853	26.788084033	27.633520795	28.5111016365	29.421862474	30.367403382	31.349037983
24	24.764574749	25.559115017	26.384884115	27.243199502	28.135435084	29.063023607	30.027459152	31.030299723	32.073169958	33.157763933
25	25.828986186	26.691910592	27.590270746	28.52531497	29.499682022	30.513968961	31.570439687	32.670905718	33.817316282	35.011708031
26	26.896058651	27.830370145	28.804697777	29.820887812	30.880873372	31.986678496	33.140422381	34.344323832	35.600705898	36.912000732
27	27.965798798	28.974521996	30.028233010	31.129096690	32.279384290	33.481478673	34.737879773	36.051210309	37.424221781	38.859800750
28	29.038213295	30.124394606	31.260944757	32.450387657	33.695376593	34.998700853	36.363292669	37.792234515	39.288766771	40.856295769
29	30.113308828	31.280016579	32.502901843	33.784891533	35.129068801	36.538681366	38.017150291	39.568079205	41.195264023	42.902703163
30	31.191092100	32.441416662	33.754173607	35.132740449	36.580682161	38.101761587	39.699950421	41.379440789	43.144657464	45.000270742
31	32.271569831	33.608623745	35.014829909	36.494067853	38.050440688	39.688288010	41.412199553	43.227029605	45.137912257	47.150277511
32	33.354748755	34.781666864	36.284941133	37.869008532	39.538571196	41.298612331	43.154413045	45.111570197	47.176015282	49.354034449
33	34.440635627	35.960575198	37.564578192	39.257698617	41.045303336	42.933091515	44.927115274	47.033801601	49.259975626	51.612885310
34	35.529237216	37.145378074	38.853812528	40.660275603	42.570869628	44.592087888	46.730839791	48.994477633	51.390825078	53.928207443
35	36.620560309	38.336104965	40.152716122	42.076878359	44.115505498	46.275969207	48.566129487	50.994367186	53.569618642	56.301412629
36	37.714611710	39.532785490	41.461361493	43.507647143	45.679449317	47.985108745	50.433536753	53.034254530	55.797435062	58.733947944
37	38.811398239	40.735449417	42.779821704	44.952723614	47.262942433	49.719885376	52.333623646	55.114939620	58.075377350	61.227296643
38	39.910926735	41.944126664	44.108170367	46.412250850	48.866229214	51.480683656	54.266962060	57.237238412	60.404573341	63.782979059
39	41.013204052	43.158847297	45.446481645	47.886373359	50.489557079	53.267893911	56.234133896	59.401983181	62.786176241	66.402553536
40	42.118237062	44.379641534	46.794830257	49.375237092	52.133176542	55.081912320	58.235731240	61.610022844	65.221365206	69.087617374
41	43.226032654	45.606539742	48.153291484	50.878989463	53.797341249	56.923141005	60.272356536	63.862223301	67.711345924	71.839807808
42	44.336597736	46.839572440	49.521941170	52.397779358	55.482308015	58.791988120	62.344622776	66.159467767	70.257351207	74.660803004
43	45.449939230	48.078770302	50.900855729	53.931757152	57.188336865	60.688867942	64.453153674	68.502657123	72.860641609	77.552323079
44	46.566064078	49.324164154	52.290112147	55.481074723	58.915691076	62.614200961	66.598583863	70.892710265	75.522506045	80.516131156
45	47.684979239	50.575784975	53.689787988	57.045885470	60.664637214	64.568413975	68.7811559081	73.330564470	78.244262431	83.554034434
46	48.806691687	51.833663900	55.099961398	58.626344325	62.435445179	66.551940185	71.002736365	75.817175760	81.027258336	86.667885295
47	49.931208416	53.097832219	56.520711108	60.222607768	64.228388244	68.565219288	73.262784251	78.353519275	83.872871648	89.859582428
48	51.058536437	54.368321380	57.952116442	61.834833846	66.043743097	70.608697577	75.562382976	80.940589660	86.782511261	93.131071988
49	52.188682778	55.645162987	59.394257315	63.463182184	67.881789886	72.682828040	77.902224678	83.579401454	89.757617764	96.484348788
50	53.321654485	56.928388802	60.847214245	65.107814006	69.742812260	74.788070461	80.283013610	86.270989483	92.799664164	99.921457508

III	2.75%	3%	3.25%	3.5%	3.75%	4%	4.25%	4.5%	4.75%	5%
1	1.027500000	1.030000000	1.032500000	1.035000000	1.037500000	1.040000000	1.042500000	1.045000000	1.047500000	1.050000000
2	2.083256250	2.090900000	2.098556250	2.106225000	2.113906250	2.121600000	2.129306250	2.137025000	2.144756250	2.152500000
3	3.168045797	3.183627000	3.199259328	3.214942875	3.230677734	3.246464000	3.262301766	3.278191125	3.294132172	3.310125000
4	4.282667056	4.309135810	4.335735256	4.362465876	4.389328149	4.416322560	4.443449591	4.470709726	4.498103450	4.525631250
5	5.427940400	5.468409884	5.509146652	5.550152181	5.591427955	5.632975462	5.674796198	5.716891663	5.759263364	5.801912813
6	6.604708761	6.662462181	6.720693918	6.779407508	6.838606503	6.898294481	6.958475037	7.019151788	7.080328374	7.142008453
7	7.813838252	7.892336046	7.971616471	8.051686770	8.132554247	8.214226260	8.296710226	8.380013619	8.464143971	8.549108876
8	9.056218804	9.159106128	9.263194006	9.368495807	9.475025031	9.582795311	9.691820410	9.802114231	9.913690810	10.026564320
9	10.332764821	10.463879311	10.596747811	10.731393161	10.867838470	11.006107123	11.146222778	11.288209372	11.432091124	11.577892536
10	11.644415854	11.807795691	11.973642115	12.141991921	12.312882413	12.486351408	12.662437246	12.841178794	13.022615452	13.206787162
11	12.992137290	13.192029562	13.395285484	13.601961638	13.812115503	14.025805464	14.243090829	14.464031839	14.688689686	14.917126520
12	14.376921065	14.613790448	14.863132262	15.113030296	15.367569835	15.626837683	15.890922189	16.159913272	16.433902446	16.712982846
13	15.799786395	16.086324162	16.378684060	16.676986356	16.981353703	17.291911190	17.608786382	17.932109369	18.262012812	18.598631989
14	17.261780521	17.598913887	17.943491292	18.295680879	18.655654467	19.023587638	19.399659803	19.784054291	20.176958421	20.578563588
15	18.763979485	19.156881303	19.559154759	19.971029709	20.392741510	20.824531143	21.266645345	21.719336734	22.182863946	22.657491768
16	20.307488921	20.761587742	21.227327289	21.705015749	22.194969316	22.697512389	23.212977772	23.741706887	24.284049983	24.840366356
17	21.893444866	22.414435375	22.949715426	23.499691300	24.064780666	24.645412884	25.242029327	25.855083697	26.485042357	27.132384674
18	23.523014600	24.116868436	24.728081177	25.357180496	26.004709941	26.671229400	27.357315574	28.063562463	28.790581869	29.539003908
19	25.197397501	25.870374489	26.564243816	27.279681813	28.017386564	28.778078576	29.562501486	30.371422774	31.205634508	32.065954103
20	26.917825933	27.676485724	28.460081740	29.269470677	30.105538560	30.969201719	31.861407799	32.783136799	33.735402147	34.719251808
21	28.685566146	29.536780295	30.417534396	31.328902150	32.271996256	33.247969788	34.258017630	35.303377955	36.385333749	37.505214398
22	30.501919215	31.452883704	32.438604264	33.460413726	34.519696115	35.617888579	36.756483380	37.937029963	39.161137102	40.430475118
23	32.368221993	33.426470215	34.525358903	35.666528202	36.851684720	38.082604122	39.361133923	40.689196311	42.068791115	43.501998874
24	34.285848098	35.459264322	36.679933067	37.949856693	39.271122897	40.645908287	42.076482115	43.565210145	45.114558693	46.727098818
25	36.256208921	37.553042251	38.904530892	40.313101678	41.781290005	43.311744619	44.907232605	46.570644602	48.305000231	50.113453759
26	38.280754666	39.709633519	41.201428146	42.759060236	44.385588380	46.084214403	47.858289991	49.711323609	51.646987742	53.669126447
27	40.360975419	41.930922525	43.572974560	45.290627345	47.087547945	48.967582980	50.934767315	52.993333171	55.147719659	57.402582769
28	42.498402243	44.218850200	46.021596234	47.910799302	49.890830993	51.966286299	54.141994926	56.423033164	58.814736343	61.322711908
29	44.694608305	46.575415706	48.549798111	50.622677277	52.799237155	54.854937751	57.485529710	60.007069656	62.655936319	65.438847503
30	46.951210033	49.002678178	51.160166550	53.429470982	55.816708548	58.328335261	60.971164723	63.752387791	66.679593295	69.760789878
31	49.269868309	51.502758523	53.855371963	56.334502466	58.947335119	61.701468671	64.604939224	67.666245242	70.894373976	74.298829372
32	51.652289688	54.077841279	56.638171551	59.341210053	62.195360186	65.209527418	68.393149141	71.756226277	75.309356740	79.063770841
33	54.100227654	56.730176517	59.511412127	62.453152404	65.565186193	68.857908515	72.342357979	76.030256460	79.934051185	84.066959383
34	56.615483915	59.462081812	62.478033021	65.674012739	69.061380675	72.652224855	76.459408193	80.496618001	84.778418616	89.320307352
35	59.199909722	62.275944267	65.541069094	69.007603184	72.688682450	76.598313850	80.751433042	85.163965811	89.852893501	94.836322719
36	61.855407240	65.174222595	68.703653840	72.457869296	76.452008042	80.702246403	85.225868946	90.041344272	95.168405942	100.628138855
37	64.583930939	68.159449273	71.969022590	76.028894721	80.356458344	84.970336260	89.890468376	95.138204764	100.736405224	106.709545798
38	67.387489040	71.234232751	75.340515824	79.724906037	84.407325531	89.409149710	94.753313282	100.464423979	106.568884472	113.095023088
39	70.268144988	74.401259733	78.821582588	83.550277748	88.610100239	94.025515698	99.822829097	106.030323058	112.678406485	119.799774242
40	73.228018975	77.663297525	82.415784022	87.509537469	92.970478998	98.826536326	105.107799333	111.846687595	119.078130793	126.839762955
41	76.269289497	81.023196451	86.126797003	91.607371280	97.494371960	103.819597779	110.617380805	117.924788537	125.781842005	134.231751102
42	79.394194958	84.483892345	89.958417905	95.848629275	102.187910909	109.012381691	116.361119489	124.276404021	132.803979501	141.993338657
43	82.605035320	88.048409115	93.914566487	100.238331300	107.057457568	114.412876958	122.348967067	130.913842202	140.159668527	150.143005590
44	85.904173791	91.719861388	97.999289898	104.781672895	112.109612227	120.029392037	128.591298168	137.849965101	147.864752782	158.700155870
45	89.294038570	95.501457230	102.216766820	109.484031447	117.351222685	125.870567718	135.098928340	145.098213531	155.935828539	167.685163663
46	92.777124631	99.396500947	106.571311741	114.350972547	122.789393536	131.945390427	141.883132794	152.672633140	164.390280395	177.119421847
47	96.355995558	103.408395975	111.067379373	119.388256586	128.431495793	138.263206044	148.955665938	160.587901631	173.246318713	187.025392939
48	100.033285436	107.540647855	115.709569203	124.601845567	134.285176886	144.833734286	156.328781740	168.859357204	182.523018852	197.426662586
49	103.811700786	111.796867290	120.502630202	129.997910162	140.358371019	151.667083657	164.015254964	177.503028279	192.240362248	208.347995715
50	107.694022557	116.180773309	125.451465683	135.582837017	146.659309932	158.773767003	172.028403300	186.535664551	202.419279455	219.815395501

III	5.25%	5.5%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%
1	1.052500000	1.055000000	1.057500000	1.060000000	1.062500000	1.065000000	1.067500000	1.070000000	1.072500000	1.075000000
2	2.160256250	2.168025000	2.175806250	2.183600000	2.191406250	2.199225000	2.207056250	2.214900000	2.222756250	2.230625000
3	3.326169703	3.342266375	3.358415109	3.374616000	3.390869141	3.407174625	3.423532547	3.439943000	3.456406078	3.472921875
4	4.553293613	4.581091026	4.609023978	4.637092960	4.665298462	4.693640976	4.722120994	4.750739010	4.779495519	4.808391016
5	5.844841527	5.888051032	5.931542857	5.975318538	6.019379616	6.063727639	6.108364161	6.153290741	6.198508944	6.244020342
6	7.204195707	7.266893839	7.330106571	7.393837650	7.458090842	7.522869936	7.588178742	7.654021093	7.720400842	7.787321867
7	8.634915982	8.721573000	8.809087699	8.897467909	8.986721519	9.076856481	9.167880807	9.259802569	9.352629903	9.446371007
8	10.140749071	10.256259515	10.373110242	10.491315983	10.610891614	10.731852153	10.854212761	10.977988749	11.103195571	11.229848833
9	11.725638397	11.875353788	12.027064081	12.180794942	12.336572340	12.494422543	12.654372123	12.816447961	12.980677250	13.147087496
10	13.393734413	13.583498247	13.776120265	13.971642639	14.170108112	14.371560008	14.576042241	14.783599319	14.994276351	15.208119058
11	15.149405470	15.385590560	15.625747181	15.869941197	16.118239868	16.370711408	16.627425092	16.888451271	17.153861386	17.423727987
12	16.997249257	17.286798136	17.581727643	17.882137669	18.188129860	18.499807650	18.817276286	19.140642860	19.470016337	19.805507586
13	18.942104843	19.292572033	19.650176983	20.015065929	20.387387977	20.767295147	21.154942435	21.550487860	21.954092521	22.365920655
14	20.989065347	21.408663495	21.837562159	22.275969885	22.724099725	23.182169332	23.650401050	24.129022010	24.618264229	25.118364704
15	23.143491278	23.641139987	24.150721984	24.672528078	25.206855958	25.754010338	26.314303120	26.888053551	27.475588386	28.077242057
16	25.411024570	25.996402687	26.596888498	27.212879763	27.844784455	28.493021010	29.158018581	29.840217299	30.540068544	31.258035211
17	27.797603360	28.481204835	29.183709586	29.905652549	30.647583484	31.410067376	32.193684835	32.999032510	33.826723513	34.677387852
18	30.309477536	31.102671100	31.919272887	32.759991701	33.625557451	34.516721755	35.434258562	36.378964786	37.351660968	38.353191941
19	32.953225107	33.868318011	34.812131078	35.785591204	36.789654792	37.825308670	38.893571015	39.995492321	41.132156388	42.304681337
20	35.735769425	36.786075502	37.871328615	38.992726676	40.151508217	41.348953733	42.586387058	43.865176784	45.186737726	46.552532437
21	38.664397320	39.864309654	41.106430011	42.392290276	43.723477480	45.101635726	46.528468184	48.005739159	49.535276211	51.118972370
22	41.746778179	43.111846685	44.527549736	45.995827693	47.518694823	49.098242048	50.736639787	52.436140900	54.199083737	56.027895297
23	44.990984034	46.537998253	48.145383846	49.815577354	51.551113249	53.354627781	55.228862973	57.176670763	59.201017308	61.304987445
24	48.405510696	50.152588157	51.971243417	53.864511996	55.835557827	57.887678587	60.024311223	62.249037716	64.565591062	66.977861503
25	51.999300007	53.965980505	56.017089914	58.156382715	60.387780191	62.715377695	65.143452231	67.676470356	70.319096414	73.076201116
26	55.781763257	57.989109433	60.295572584	62.705765678	65.224516453	67.856877245	70.608135256	73.483823281	76.489730904	79.631916199
27	59.762805828	62.233510452	64.820068008	67.528111619	70.363548732	73.332574266	76.441684386	79.697690911	83.107736395	86.679309914
28	63.952853134	66.711135327	69.604721918	72.639798316	75.823770527	79.164191593	82.668998082	86.346529275	90.205547284	94.255258158
29	68.362877924	71.435477971	74.664493428	78.058186215	81.625256185	85.374864047	89.316655453	93.460786324	97.817949462	102.399402520
30	73.004429015	76.419429259	80.015201801	83.801677388	87.789334697	91.989230210	96.413029696	101.073041366	105.982250798	111.154357709
31	77.889661538	81.677497868	85.673575904	89.889778031	94.338668116	99.033530173	103.988409200	109.218154262	114.738463980	120.565934537
32	83.031368769	87.224760251	91.657306519	96.343164713	101.297334873	106.535709635	112.075126821	117.933425060	124.129502619	130.683379627
33	88.443015629	93.077122065	97.985101643	103.183754596	108.690918302	114.525530761	120.707697882	127.258764815	134.201391559	141.559633099
34	94.138773950	99.251363779	104.676744988	110.434779872	116.546600696	123.034690260	129.922967489	137.236878352	145.003492447	153.251605581
35	100.133559582	105.765188786	111.753157825	118.120866664	124.893263240	132.096945127	139.760267794	147.913459836	156.588745649	165.820476000
36	106.443071460	112.637274170	119.236464400	126.268118664	133.761592192	141.748246561	150.261585870	159.337402025	169.013929709	179.332011700
37	113.083832712	119.887324249	127.150061103	134.904205784	143.184191704	152.026882587	161.471742917	171.561020167	182.339939613	193.856912577
38	120.073233929	127.536127083	135.518689616	144.058458131	153.195703686	162.973629955	173.438585563	184.640291578	196.632085235	209.471181021
39	127.429578711	135.605614072	144.368514269	153.761965619	163.832935166	174.631915902	186.213190089	198.635111989	211.960411414	226.256519597
40	135.172131593	144.118922846	153.727203839	164.047683556	175.134993614	187.047990436	199.850080420	213.609569828	228.400041242	244.300758567
41	143.321168502	153.100463603	163.624018060	174.950544569	187.143430715	200.271109814	214.407460848	229.632239716	246.031544232	263.698315460
42	151.898029848	162.575989101	174.089899098	186.507577243	199.902395134	214.353731952	229.947464456	246.776496496	264.941331189	284.550689119
43	160.925176415	172.572668502	185.157568297	198.758031878	213.458794830	229.351724529	246.536418306	265.120851251	285.222077700	306.966990803
44	170.426248177	183.119165269	196.861628474	211.743513791	227.862469507	245.324586624	264.245126542	284.749310838	306.973178333	331.064515113
45	180.426126206	194.245719359	209.238672111	225.508124618	243.166373851	262.335684754	283.149172584	305.751762597	330.301233762	356.969353747
46	190.950997832	205.984233924	222.327395757	240.098612095	259.426772217	280.452504263	303.329241733	328.224385979	355.320573210	384.817055278
47	202.028425218	218.368366789	236.168721013	255.564528821	276.703445481	299.746917040	324.871465550	352.270092997	382.153814768	414.753334424
48	213.687417542	231.433626963	250.805922472	271.958400550	295.059910823	320.295466648	347.867789475	377.998999507	410.932466338	446.934834505
49	225.958506963	245.217476446	266.284763014	289.335904583	314.563655250	342.179671980	372.416365264	405.528929472	441.797570148	481.529947093
50	238.873828579	259.759437650	282.653636887	307.756058858	335.286383703	365.486350659	398.621969919	434.985954536	474.900393984	518.719693125

III	7.75%	8%	8.25%	8.5%	8.75%	9%	9.25%	9.5%	9.75%	10%
1	1.077500000	1.080000000	1.082500000	1.085000000	1.087500000	1.090000000	1.092500000	1.095000000	1.097500000	1.100000000
2	2.238506250	2.246400000	2.254306250	2.262225000	2.270156250	2.278100000	2.286056250	2.294025000	2.302006250	2.310000000
3	3.489490484	3.506112000	3.522786516	3.539514125	3.556294922	3.573129000	3.590016453	3.606957375	3.623951859	3.641000000
4	4.837425997	4.866600960	4.895916403	4.925372826	4.954970728	4.984710610	5.014592975	5.044618326	5.074787166	5.105100000
5	6.289826512	6.335929037	6.382329506	6.429029516	6.476030666	6.523334565	6.570942825	6.618857067	6.667078914	6.715610000
6	7.854788066	7.922803360	7.991371691	8.060497025	8.130183349	8.200434676	8.271255037	8.342648488	8.414619108	8.487171000
7	9.541034141	9.636627629	9.733159855	9.830639272	9.929074393	10.028473797	10.128846127	10.230200094	10.332544472	10.435888100
8	11.357964287	11.487557839	11.618645543	11.751243610	11.885368402	12.021036438	12.158264394	12.297069103	12.437467558	12.579476910
9	13.315706520	13.486562466	13.659683801	13.835099317	14.012838137	14.192929718	14.375403851	14.560290668	14.747620644	14.937424601
10	15.425173775	15.645487463	15.869107714	16.096082759	16.326461474	16.560293392	16.797628707	17.038518281	17.283013657	17.531167061
11	17.698124743	17.977126460	18.260809101	18.549249793	18.842526853	19.140719798	19.443909362	19.752177518	20.065607489	20.384283767
12	20.147229410	20.495296577	20.849825851	21.210936025	21.578747953	21.953384579	22.334970978	22.723634382	23.119504219	23.522712144
13	22.786139689	23.214920303	23.652436484	24.098865588	24.554388399	25.019189192	25.493455794	25.977379649	26.471155880	26.974983358
14	25.629565515	26.152113927	26.686262494	27.232269163	27.790397383	28.360916219	28.944100455	29.540230715	30.149593579	30.772481694
15	28.693356843	29.324283042	29.970379150	30.632012041	31.309557155	32.003398678	32.713929747	33.441552633	34.186678953	34.949729864
16	31.994591998	32.750225685	33.525435430	34.320733065	35.136643406	35.973704559	36.832468248	37.713500133	38.617380150	39.544702850
17	35.551672878	36.450243740	37.373783853	38.322995375	39.298599704	40.301337970	41.331971561	42.391282646	43.480074715	44.599173135
18	39.384427526	40.446263239	41.539621020	42.665449982	43.824727178	45.018458387	46.247678931	47.513454498	48.816882000	50.159090448
19	43.514220659	44.761964298	46.049139755	47.377013231	48.746890806	50.160119642	51.618089232	53.122232675	54.674027995	56.274999493
20	47.964072760	49.422921442	50.930693784	52.489059356	54.099743751	55.764530410	57.485262486	59.263844779	61.102245724	63.002499443
21	52.758788399	54.456755157	56.214976021	58.035629401	59.920971329	61.873338147	63.895149266	65.988910033	68.157214682	70.402749387
22	57.925094500	59.893295570	61.935211543	64.053657900	66.251556321	68.531938580	70.897950573	73.352856486	75.900043114	78.543024326
23	63.491789324	65.764759216	68.127366496	70.583218821	73.136067499	75.789813052	78.548511001	81.416377852	84.397797317	87.497326758
24	69.489902997	72.105939953	74.830374231	77.667792421	80.622973405	83.700896227	86.906748268	90.245933748	93.724802556	97.347059434
25	75.952870479	78.954415149	82.086380106	85.354554777	88.764983578	92.323976887	96.038122483	99.914297454	103.959680605	108.181765377
26	82.916717941	86.350768361	89.941006464	93.694691933	97.619419641	101.723134807	106.014148813	110.501155712	115.193249464	120.099941915
27	90.420263581	94.338829830	98.443639498	102.743740747	107.248618859	111.968216940	116.912957578	122.093765505	127.522091287	133.209936106
28	98.505334009	102.965936216	107.647739756	112.561958711	117.720373010	123.135356464	128.819906154	134.787673228	141.052995187	147.630929717
29	107.216997394	112.283211113	117.611178286	123.214725201	129.108405648	135.307538546	141.828247473	148.687502185	155.903162218	163.494022689
30	116.603814693	122.345868002	128.396600495	134.772976843	141.492891142	148.575217015	156.039860365	163.907814892	172.201220534	180.943424958
31	126.718110331	133.213537443	140.071820035	147.313679875	154.961019117	163.036986546	171.566047448	180.574057307	190.088339536	200.137767454
32	137.616263882	144.950620438	152.710245188	160.920342664	169.607608290	178.800315336	188.528406837	198.823592751	209.719452641	221.251544199
33	149.359024333	157.626670073	166.391340416	175.683571791	185.535774015	195.982343716	207.059784470	218.806834063	231.264599274	244.476698619
34	162.011848719	171.316803679	181.201126001	191.701675393	202.857654241	214.710754650	227.305314533	240.688483299	254.910397703	270.024368481
35	175.645266994	186.102147973	197.232718896	209.081317801	221.695198988	235.124722569	249.423556127	264.648889212	280.861661479	298.126805329
36	190.335275186	202.070319811	214.586918205	227.938229814	242.181028899	257.375947600	273.587735069	290.885533687	309.343173473	329.039485862
37	206.163759013	219.315945396	233.372838957	248.397979349	264.459368928	281.629782884	299.987100563	319.614659387	340.601628287	363.043434448
38	223.218950337	237.941221028	253.708598170	270.596807593	288.687063709	308.066463343	328.828407365	351.073052029	374.907792093	400.447777893
39	241.595918988	258.056518710	275.722057520	294.682536239	315.034681783	336.882445044	360.337535046	385.519991972	412.558801822	441.592555682
40	261.397102709	279.781040207	299.551627265	320.815551819	343.687716439	368.291865098	394.761257038	423.239391209	453.880785000	486.851811250
41	282.732878169	303.243523423	325.347136514	349.169873724	374.847891628	402.528132957	432.369173314	464.542133374	499.231661538	536.636992375
42	305.722176228	328.583005297	353.270775277	379.934312990	408.734582145	439.845664923	473.455821846	509.768636045	549.004248538	591.400691612
43	330.493144885	355.949645721	383.498114237	413.313729594	445.586358083	480.521774766	518.342985367	559.291656469	603.629662770	651.640760774
44	357.183863614	385.505617379	416.219208662	449.530396610	485.662664415	524.858734495	567.382211513	613.519363834	663.581054890	717.904838851
45	385.943113044	417.426066769	451.639793376	488.825480322	529.245647551	573.186026000	620.957566070	672.898703398	729.377077742	790.795320536
46	416.931204305	451.900152110	489.982576330	531.460646149	576.642141712	625.862762454	679.488640940	737.919080221	801.589534247	870.974852590
47	450.320872638	489.132164279	531.488638877	577.719801072	628.185829112	683.280411075	743.433840227	809.116392841	880.842013836	959.172337849
48	486.298240268	529.342737422	576.418951584	627.910984163	684.239589159	745.865648072	813.293970448	887.077450161	967.821610185	1056.189571634
49	525.063853889	572.770156415	625.056015090	682.368417817	745.198053211	814.083556398	889.616162715	972.444807927	1063.281717178	1162.908528797
50	566.833802565	619.671768929	677.705636335	741.454733331	811.490382867	888.441076474	972.998157766	1065.922064680	1168.049184603	1280.299381677

III	10.5%	11%	11.5%	12%	12.5%	13%	13.5%	14%	14.5%	15%
1	1.105000000	1.110000000	1.115000000	1.120000000	1.125000000	1.130000000	1.135000000	1.140000000	1.145000000	1.150000000
2	2.326025000	2.342100000	2.358225000	2.374400000	2.390625000	2.406900000	2.423225000	2.439600000	2.456025000	2.472500000
3	3.675257625	3.709731000	3.744420875	3.779328000	3.814453125	3.849797000	3.885360375	3.921144000	3.957148625	3.993375000
4	5.166159676	5.227801410	5.290029276	5.352847360	5.416259766	5.480270610	5.544884026	5.610104160	5.675935176	5.742381250
5	6.813606442	6.912859565	7.013382642	7.115189043	7.218292236	7.322705789	7.428443369	7.535518742	7.643945776	7.753738438
6	8.634035118	8.783274117	8.934921646	9.089011728	9.245578766	9.404657542	9.566283224	9.730491366	9.897317914	10.066799203
7	10.645608805	10.859434270	11.077437636	11.299693136	11.526276112	11.757263022	11.992731459	12.232760158	12.477429011	12.726819084
8	12.868397730	13.163972040	13.466342964	13.775656312	14.092060626	14.415707215	14.746750206	15.085346580	15.431656218	15.785841946
9	15.324579492	15.722008964	16.129972404	16.548735070	16.978568204	17.419749153	17.872561484	18.337295101	18.814246369	19.303718238
10	18.038660338	18.561429950	19.099919231	19.654583278	20.225889229	20.814316543	21.420357284	22.044516415	22.687312093	23.349275974
11	21.037719674	21.713187245	22.411409942	23.133133271	23.879125383	24.650177694	25.447105518	26.270748713	27.121972346	28.001667370
12	24.351680239	25.211637842	26.103722086	27.029109264	27.989016056	28.984700794	30.017464763	31.088653533	32.199658336	33.351917475
13	28.013606664	29.094918004	30.220650126	31.392602375	32.612643063	33.882711897	35.204822505	36.581065027	38.013608795	39.504705097
14	32.060035364	33.405358985	34.811024890	36.279714660	37.814223446	39.417464444	41.092473544	42.842414131	44.670582071	46.580410861
15	36.531339077	38.189948473	39.929292753	41.753280420	43.666001376	45.671734822	47.774957472	49.980352110	52.292816471	54.717472490
16	41.472129681	43.500842805	45.636161419	47.883674070	50.249251548	52.739060348	55.359576731	58.117601405	61.020274859	64.075093364
17	46.931703297	49.395935514	51.999319982	54.749714959	57.655407992	60.725138194	63.968119590	67.394065602	71.013214714	74.836357368
18	52.964532143	55.939488420	59.094241780	62.439680754	65.987333991	69.749406159	73.738815734	77.969234786	82.455130847	87.211810974
19	59.630808018	63.202832147	67.005079585	71.052442444	75.360750740	79.946828959	84.828555858	90.024927656	95.556124820	101.443582620
20	66.997042860	71.265143683	75.825663737	80.698735537	85.905844582	91.469916724	97.415410899	103.768417528	110.556726291	117.810120013
21	75.136732361	80.214309488	85.660615067	91.502583802	97.769075155	104.491005898	111.701491370	119.435995982	127.732493542	136.631638014
22	84.131089258	90.147883532	96.626585800	103.602893858	111.115209549	119.204836665	127.916192705	137.297035419	147.398705106	158.276383717
23	94.069853631	101.174150720	108.853643167	117.155241121	126.129610743	135.831465432	146.319878721	157.658620378	169.916517346	183.167841274
24	105.052188262	113.413307299	122.486812131	132.333870055	143.020812086	154.619555938	167.208062348	180.870827231	195.699412361	211.793017465
25	117.187668029	126.998771102	137.687795526	149.333934462	162.023413596	175.850098209	190.915105765	207.332743043	225.220827154	244.711970085
26	130.597373172	142.078635923	154.636892011	168.374006597	183.401340296	199.840610977	217.824831118	237.499327069	259.022847091	282.568765598
27	145.415097355	158.817285875	173.535134593	189.698887389	207.451507833	226.949890404	248.366183319	271.889232859	297.726159919	326.104080437
28	161.788682578	177.397187321	194.606675071	213.582753876	234.507946312	257.583376156	283.030618067	311.093725459	342.041453107	376.169692503
29	179.881494248	198.020877926	218.101442704	240.332684341	264.946439601	292.199215056	322.374751506	355.786847024	392.782463808	433.745146379
30	199.874051145	220.913174498	244.298108615	270.292606462	299.189744551	331.315113014	367.030342960	406.737005607	450.880921060	499.956918335
31	221.965826515	246.323623693	273.507391106	303.847719237	337.713462620	375.516077706	417.714439259	464.820186392	517.403654614	576.100456086
32	246.377238299	274.529222299	306.075741083	341.429445546	381.052645447	425.463167807	475.240888559	531.035012487	593.572184533	663.665524499
33	273.351848320	305.837436752	342.389451307	383.520979011	429.809226128	481.903379622	540.533408515	606.519914235	680.785151290	764.365353173
34	303.158792394	340.589554795	382.879238208	430.663496493	484.660379394	545.680818973	614.640418664	692.572702228	780.643998227	880.170156149
35	336.095465595	379.164405823	428.025350602	483.463116072	546.367926819	617.749325440	698.751875184	790.672880540	894.982377970	1013.345679572
36	372.490489483	421.982490463	478.363265921	542.598690000	615.788917671	699.186737747	794.218378334	902.507083815	1025.899822776	1166.497531507
37	412.706990878	469.510564414	534.490041502	608.830532800	693.887532380	791.211013654	902.572859409	1029.998075550	1175.800297078	1342.622161234
38	457.146224920	522.266726500	597.071396274	683.010196736	781.748473928	895.198445429	1025.555195429	1175.337806126	1347.436340155	1545.165485419
39	506.251578537	580.826066415	666.849606846	766.091420345	880.592033168	1012.704243335	1165.140146812	1341.025098984	1543.959609477	1778.090308231
40	560.512994284	645.826933720	744.652311633	859.142390786	991.791037315	1145.485794968	1323.569066632	1529.908612842	1768.978752851	2045.953854466
41	620.471858683	717.977896429	831.402327471	963.359477680	1116.889916979	1295.528948314	1495.385890627	1745.235818640	2026.625672015	2353.996932636
42	686.726403845	798.065465037	928.128595130	1080.082615002	1257.626156601	1465.077711595	1707.477985862	1990.708833249	2321.631394457	2708.246472531
43	759.937676249	886.962666191	1035.978383570	1210.812528802	1415.954426176	1656.667814102	1939.122513953	2270.548069904	2659.412946653	3115.633443411
44	840.836132255	985.638559472	1156.230897681	1357.230032259	1594.073729448	1873.164629936	2202.039053337	2589.564799691	3046.172823918	3584.128459923
45	930.228926142	1095.168801013	1290.312450914	1521.217636130	1794.457945629	2117.806031827	2500.449325537	2953.243871648	3489.012883386	4122.897728911
46	1029.007963387	1216.747369125	1439.8133582769	1704.883752465	2019.890188833	2394.250815965	2839.144984485	3367.838013678	3996.064751477	4742.482388248
47	1138.158799542	1351.699579729	1606.506921787	1910.589802761	2273.501462437	2706.633422040	3223.564557390	3840.475335593	4576.639140441	5455.004746485
48	1258.770473494	1501.496533499	1792.370217793	2140.980579092	2558.814145242	3059.625766905	3659.880772638	4379.281882576	5241.396815804	6274.405458458
49	1392.046373211	1667.771152184	1999.607792839	2399.018248583	2879.790913397	3458.507116603	4155.099676944	4993.521346137	6002.544354096	7216.716277226
50	1539.316242398	1852.335978924	2230.677689016	2688.020438413	3240.889777572	3909.243041762	4717.173133332	5693.754334596	6874.058285440	8300.373718810

III	15.5%	16%	16.5%	17%	17.5%	18%	18.5%	19%	19.5%	20%
1	1.155000000	1.160000000	1.165000000	1.170000000	1.175000000	1.180000000	1.185000000	1.190000000	1.195000000	1.200000000
2	2.489025000	2.505600000	2.522250000	2.538900000	2.555625000	2.572400000	2.589225000	2.606100000	2.623025000	2.640000000
3	4.029823875	4.066496000	4.103392125	4.140513000	4.177859375	4.215432000	4.253231625	4.291259000	4.3292514875	4.368000000
4	5.809446576	5.877135360	5.945451826	6.014400210	6.083984766	6.154209760	6.225079476	6.296598210	6.368770276	6.441600000
5	7.864910795	7.977477018	8.091451377	8.206848246	8.323682100	8.441967517	8.561719179	8.682951870	8.805680479	8.929920000
6	10.238971968	10.413873340	10.591540854	10.772012447	10.955326467	11.141521670	11.330637227	11.522712725	11.717788173	11.915904000
7	12.981012623	13.240093075	13.504145095	13.773254564	14.047508599	14.326995570	14.611805114	14.902028143	15.197756867	15.499084800
8	16.148069580	16.518507967	16.897329036	17.284707839	17.680822604	18.085854773	18.499989060	18.923413490	19.356319456	19.798901760
9	19.806020365	20.321469242	20.850388326	21.393108172	21.949966559	22.521308632	23.107487036	23.708862053	24.325801749	24.958682112
10	24.030953521	24.732904320	25.455702400	26.199936561	26.966210707	27.755144186	28.567372137	29.403545843	30.264333090	31.150418534
11	28.910751317	29.850169011	30.820893296	31.823925777	32.860297581	33.931070139	35.037335983	36.180219554	37.360878043	38.580502241
12	34.546917771	35.786196053	37.071340690	38.403993159	39.785849657	41.218662765	42.704243139	44.244461269	45.841249262	47.496602690
13	41.056690025	42.671987422	44.353111904	46.102671996	47.923373347	49.818022062	51.789528120	53.840908910	55.975292868	58.195923227
14	48.575476979	50.659505409	52.836375368	55.110126235	57.484963683	59.965266033	62.555590822	65.260681603	68.085474977	71.035107873
15	57.259675911	59.925026275	62.719377304	65.648847695	68.719832328	71.939013919	75.313375125	78.850211107	82.551742597	86.442129448
16	67.289925677	70.673030479	74.233074559	77.979151803	81.920802985	86.068036425	90.431349523	95.021751218	99.850785404	104.930555337
17	78.874864157	83.140715355	87.646531862	92.405607610	97.431943508	102.740282981	108.346149184	114.265883949	120.516688557	127.116666404
18	92.255468102	97.603229812	103.273209619	109.284560903	115.657533621	122.413533918	129.575186783	137.166401899	145.212442826	153.739999685
19	107.710065657	114.379746582	121.478289206	129.032936257	137.072602005	145.627970023	154.731596338	164.418018260	174.723869177	185.687999622
20	125.560125834	133.840506035	142.687206925	152.138535420	162.235307356	173.021004628	184.541941661	196.847441730	209.990023667	224.025599547
21	146.176945339	156.414987001	167.395596068	179.172086442	191.801486143	205.344785461	219.867200868	235.438455658	252.133078282	270.030719456
22	169.989371866	182.601384921	196.180869419	210.801341137	226.541746219	243.486846843	261.727633029	281.361762233	302.494028547	325.236863347
23	197.492724505	212.977606508	229.715712873	247.807569130	267.361551807	288.494479275	311.332254139	336.010497058	362.675364113	391.484236017
24	229.259096804	248.214023550	268.783805497	291.104855882	315.324823373	341.603485545	370.113710490	401.042491499	434.592060115	470.981083220
25	265.949256808	289.088267318	314.298133404	341.762681382	371.681667463	404.272112943	439.769746930	478.430564883	520.532511838	566.377299864
26	308.326391614	336.502390089	367.322325416	401.032337217	437.900959269	478.221093273	522.312150113	570.522372211	623.231351646	680.852759837
27	357.271982314	391.502772503	429.095509109	470.377834544	515.708627141	565.480890062	620.124897883	680.111622931	745.956465217	818.223311805
28	413.804139572	455.303216103	501.061268112	551.512066417	607.132636891	668.447450273	736.033003992	810.522831288	895.612975934	983.067974166
29	479.098781206	529.311730680	584.901377351	646.439117708	714.555848347	789.947991322	873.384109730	965.712169233	1067.867506241	1180.881568999
30	554.514092293	615.161607589	682.575104614	757.503767718	840.778121808	933.318629760	1036.145170030	1150.387481387	1277.296669958	1418.257882799
31	641.618776599	714.747464803	796.364996875	887.449408230	989.089293124	1102.495983117	1229.017026486	1370.151102851	1527.564520600	1703.109459358
32	742.224686971	830.267059171	928.930221359	1039.485807629	1163.354919421	1302.125260077	1457.570176386	1631.669812392	1826.634602117	2044.931351230
33	858.424513452	964.269788639	1083.368707884	1217.368394927	1368.117030319	1537.687806891	1728.405659017	1942.877076747	2184.023349530	2455.117621476
34	992.635313037	1119.712954821	1263.289544684	1425.491022064	1608.712510625	1815.651612132	2049.345705936	2313.213721329	2611.102902689	2947.341145771
35	1147.64878655	1300.02707592	1472.897319557	1668.994495815	1891.412199985	2143.648902316	2429.659661534	2753.914328381	3121.462968713	3538.009374925
36	1326.68934847	1509.191352007	1717.090377284	1953.893560103	2223.584334982	2530.685704732	2880.331698917	3278.348050774	3731.343247612	4246.811249911
37	1533.48119748	1751.821968328	2001.575289536	2287.225465321	2613.886593604	2987.389131584	3414.378063217	3902.424180421	4460.150180896	5097.373499893
38	1772.32578309	2033.273483260	2333.000212310	2677.223794426	3072.491747485	3526.299175269	4047.223004912	4645.074774701	5331.074466171	6118.048199871
39	2048.19127947	2359.757240582	2719.110247341	3133.521839478	3611.352803295	4162.213026818	4797.144260821	5528.828981894	6371.828987074	7342.857839845
40	2366.81592779	2738.478399075	3168.928438152	3667.390552189	4244.514543871	4912.591371645	5685.800949073	6580.496488454	7615.530639554	8812.629407815
41	2734.82739660	3177.794942927	3692.966630447	4292.016946061	4988.479589049	5798.037818541	6738.859124652	7831.980821260	9101.754114267	10576.355289377
42	3159.88064308	3687.402133795	4303.471124471	5022.829826892	5862.638517132	6842.864625879	7986.733062712	9321.247177300	10877.791166549	12692.826347253
43	3650.81714275	4278.546475202	5014.708860008	5877.880897463	6889.775257630	8075.760258537	9465.463679314	11093.474140987	13000.155444026	15232.591616704
44	4217.84879988	4964.273911235	5843.300821910	6878.290650032	8096.660927716	9530.577105073	11217.759459987	13202.424227774	15536.380755611	18280.309940044
45	4872.77036386	5759.717737032	6808.610457525	8048.770060538	9514.751590066	11247.260983987	13294.229960085	15712.074831051	18567.170002955	21937.571928053
46	5629.20477026	6682.432574958	7933.196183016	9418.230970829	11181.008118327	13272.947961104	15754.847502700	18698.559048951	22188.963153531	26326.286313664
47	6502.88650965	7752.781786951	9243.338553214	11020.500235870	13138.859539035	15663.258594103	18670.679290700	22252.475268252	26517.005968470	31592.743576396
48	7511.98891865	8994.386872863	10769.654414494	12895.15527968	15439.334958366	18483.825141042	22125.939959479	26481.635569220	31689.017123322	37912.492291676
49	8677.50220104	10434.64877252	12547.812392886	15088.501672882	18142.393576080	21812.093666429	26220.423851983	31514.336327371	37869.570473124	45496.190750011
50	10023.6700422	12105.35257612	14619.366437712	17654.716957272	21318.487451893	25739.450526386	31072.387264600	37503.250229572	45255.331715384	54596.628900013

III	21%	22%	23%	24%	25%	26%	27%	28%	29%	30%
1	1,210000000	1,220000000	1,230000000	1,240000000	1,250000000	1,260000000	1,270000000	1,280000000	1,290000000	1,300000000
2	2,674100000	2,708400000	2,742900000	2,777600000	2,812500000	2,847600000	2,882900000	2,918400000	2,954100000	2,990000000
3	4,445661000	4,524248000	4,603767000	4,684224000	4,765625000	4,847976000	4,931283000	5,015552000	5,100789000	5,187000000
4	6,589249810	6,739582560	6,892633410	7,048437760	7,207031250	7,368449760	7,532729410	7,699906560	7,870017810	8,043100000
5	9,182992270	9,442290723	9,707939094	9,980062822	10,258789063	10,544246698	10,836566351	11,135880397	11,442322975	11,756030000
6	12,321420647	12,739594682	13,170765086	13,615277900	14,073486328	14,545750839	15,032439265	15,533926908	16,050596638	16,582839000
7	16,118918983	16,762305512	17,430041056	18,122944596	18,841857910	19,587646057	20,361197867	21,163426442	21,995269663	22,857690700
8	20,713891969	21,670012725	22,668950499	23,712451299	24,802322388	25,940434032	27,128721291	28,369185846	29,663897865	31,014997910
9	26,273809283	27,657415525	29,112809113	30,643439610	32,252902985	33,944946880	35,723476040	37,592557883	39,556428245	41,619497283
10	33,001309232	34,962046940	37,038755209	39,237865117	41,566128731	44,030633069	46,638814570	49,398474090	52,317792437	55,405346468
11	41,141584171	43,873697267	46,787668907	49,894952745	53,207660913	56,738597667	60,501294505	64,510046835	68,779952243	73,326950408
12	50,991316846	54,745910666	58,778832756	63,109741404	67,759576142	72,750633061	78,106644021	83,852859949	90,016138394	96,625035531
13	62,909493384	68,010011012	73,527964290	79,496079341	85,949470177	92,925797656	100,465437906	108,611660735	117,410818528	126,912546190
14	77,330486995	84,192213435	91,669396077	99,815138382	108,686837722	118,346505047	128,861106141	140,302925740	152,749955901	166,286310047
15	94,779889264	103,934500390	113,983357174	125,010771594	137,108547152	150,376596359	164,923604799	180,867744948	198,337443112	217,472203061
16	115,893666009	128,020090476	141,429529325	156,253356777	172,635683940	190,734511413	210,722978095	232,790713533	257,145301615	284,013863979
17	141,441335871	157,404510381	175,188321069	194,994162403	217,044604925	241,585484380	268,888182181	299,252113322	333,007439083	370,518023173
18	172,354016404	193,253502665	216,711634915	243,032761380	272,555756156	305,657710319	342,757991369	384,322705053	430,869596417	482,973430125
19	209,758359848	236,989273251	267,785310946	302,600624111	341,944695195	386,388715001	436,572649039	493,213062467	557,111779378	629,165459163
20	255,017615417	290,346913366	330,605932463	376,464773898	428,680868994	488,109780902	555,717264280	632,592719958	719,964195398	819,215096912
21	309,781314654	355,443234307	407,875296930	468,056319633	537,101086243	616,278323936	707,030925635	810,998681546	930,043812063	1066,279625985
22	376,045390731	434,860745855	502,916615224	581,629836345	672,626357803	777,770688166	899,199275556	1039,358312379	1201,046517562	1387,463513780
23	456,224922785	531,750109943	619,817436725	722,460997068	842,032947254	981,251067081	1143,253079957	1331,658639845	1550,640007655	1805,002567915
24	553,242156570	649,955134130	763,605447172	897,091636364	1053,791184068	1237,636344522	1453,201411545	1705,803059002	2001,615609875	2347,803338289
25	670,633009450	794,165263639	940,464700021	1113,633629091	1318,488980085	1560,681794098	1846,835792662	2184,707915523	2583,374136738	3053,444339776
26	812,675941434	970,101621639	1158,00158103	1382,145700073	1649,361225106	1967,719060563	2346,751456681	2797,706131869	3333,842636392	3970,777641708
27	984,547889135	1184,74397840	1425,57194466	1715,100668091	2062,951531383	2480,586016310	2981,644349985	3582,343848792	4301,947000946	5163,310934221
28	1192,51294585	1446,60765365	1754,68349193	2127,964828433	2579,939414228	3126,798380550	3787,958324481	4586,680126454	5550,801631221	6713,604214487
29	1444,15066448	1766,08133745	2159,49069508	2639,916387257	3226,174267785	3941,025959493	4811,977072090	5872,230561861	7161,824104275	8728,985478833
30	1748,63230402	2155,83923169	2657,40355495	3274,736320198	4033,967834732	4966,952780962	6112,480881555	7517,735119183	9240,443094514	11348,98112248
31	2117,05508787	2631,34386266	3269,83637259	4061,913037046	5043,709793414	6259,620413292	7764,120719574	9623,980952554	11920,94559192	14754,97545923
32	2562,84665632	3211,45951245	4023,12873828	5038,012165937	6305,887241768	7888,381720748	9861,703313859	12319,97561927	15379,30981358	19182,76809700
33	3102,25445415	3919,20060518	4949,67834809	6248,375085762	7883,609052210	9940,620968142	12525,63320860	15770,84879266	19840,59965952	24938,89852610
34	3754,93788952	4782,64473832	6089,33436815	7749,225106345	9855,761315263	12526,44241986	15908,82417492	20187,96645461	25595,66356078	32421,86808392
35	4544,68484632	5836,04658076	7491,11127282	9610,279131867	12320,95164408	15784,57744902	20205,47670215	25841,87706190	33019,69599341	42149,72850910
36	5500,27866405	7121,19682852	9215,29686557	11917,98612352	15402,43955510	19889,82758577	25662,22541173	33078,88263923	42596,69783149	54795,94706183
37	6656,54718350	8689,08013080	11336,04514465	14779,54279316	19254,29944387	25062,44275807	32592,29627290	42342,24977822	54951,03020263	71236,03118038
38	8055,63209203	10601,89775957	13944,56552792	18327,87306352	24069,12430484	31579,93787517	41393,48626659	54199,35971612	70888,11896139	92608,14053450
39	9748,52483136	12935,53526668	17153,04559934	22727,80259876	30087,65538105	39791,98172271	52570,99755857	69376,46043663	91446,96346019	120391,8826948
40	11796,9250459	15782,57302535	21099,47608718	28183,71522246	37610,81922631	50139,15697061	66766,43689938	88803,14935889	117967,8728636	156510,7475033
41	14275,4893056	19255,95909092	25953,58558724	34949,04687586	47014,77403289	63176,59778297	84794,64486221	113669,3111794	152179,8459941	203465,2717543
42	17274,5520598	23493,49009093	31924,14027230	43338,05812606	58769,71754111	79603,77320654	107690,4689750	145497,9983096	196313,2913324	264506,1532806
43	20903,4179923	28663,27791093	39267,92253493	53740,43207632	73463,39692639	100302,0142402	136768,1655983	186238,7178363	253245,4358188	343859,2992647
44	25294,3457707	34970,41905134	48300,77471797	66639,37577463	91830,49615799	126381,7979427	173696,8403098	238386,8388305	326687,9022062	447018,3890442
45	30607,3683826	42665,13124263	59411,18290310	82634,06596054	114789,3701975	159242,3254078	220596,2571934	305136,4337030	421428,6838461	581125,2057574
46	37036,1257429	52052,68011601	73076,98497081	102467,4817911	143487,9627469	200646,5900138	280158,5166357	390575,9151398	543644,2921614	755464,0674846
47	44814,9221489	63505,48974153	89885,92151410	127060,9174209	179361,2034336	252815,9634174	355802,5861273	499938,4513790	701302,4268882	982104,5877300
48	54227,2658002	77477,91748467	110560,9134623	157556,7776020	224202,7542920	318549,3739060	451870,5543817	639922,4977651	904681,4206858	1276737,264049
49	65616,2016182	94524,27933129	135991,1535587	195371,6442264	280254,6928650	401373,4711215	573876,8740647	819102,0771393	1167040,322685	1659759,743264
50	79396,8139580	115320,8407842	167270,3488772	242262,0788408	350319,6160812	505731,8336131	728824,9000622	1048451,938738	1505483,306263	2157688,966243

III	31%	32%	33%	34%	35%	36%	37%	38%	39%	40%
1	1,310000000	1,320000000	1,330000000	1,340000000	1,350000000	1,360000000	1,370000000	1,380000000	1,390000000	1,400000000
2	3,026100000	3,062400000	3,098900000	3,135600000	3,172500000	3,209600000	3,246900000	3,284400000	3,322100000	3,360000000
3	5,274191000	5,362368000	5,451537000	5,541704000	5,632875000	5,725056000	5,818253000	5,912472000	6,007719000	6,104000000
4	8,219190210	8,398325760	8,580544210	8,765883360	8,954381250	9,146076160	9,341006610	9,539211360	9,740729410	9,945600000
5	12,077139175	12,405790003	12,742123799	13,086283702	13,438414688	13,798663578	14,167179056	14,544111677	14,929613880	15,323840000
6	17,131052319	17,695642804	18,277024653	18,875620161	19,491859828	20,126182466	20,779035306	21,450874114	22,142163293	22,853376000
7	23,751678538	24,678248502	25,638442789	26,633331016	27,664010768	28,731608153	29,837278370	30,982206277	32,167606977	33,394726400
8	32,424698885	33,895288022	35,429128909	37,028663561	38,696414537	40,434987088	42,247071366	44,135444663	46,102973699	48,152616960
9	43,786355540	46,061780189	48,450741449	50,958409172	53,590159625	56,351582440	59,248487772	62,286913634	65,473133441	68,813663744
10	58,670125757	62,121549850	65,769486127	69,624268291	73,696715493	77,998152118	82,540428248	87,335940816	92,397655483	97,739129242
11	78,167864742	83,320445802	88,803416549	94,636519510	100,840565916	107,437486881	114,450386699	121,903598326	129,822741121	138,234780938
12	103,709902812	111,302988458	119,438544010	128,152936143	137,484763986	147,474982158	158,167029778	169,606965689	181,843610159	194,928693314
13	137,169972683	148,239944765	160,183263533	173,064934432	186,954431382	201,925975735	218,058830796	235,437612651	254,152618120	274,300170639
14	181,002664215	196,996727089	214,373740499	233,247012139	253,738482365	275,979327000	300,110598190	326,283905459	354,662319187	385,420238895
15	238,423490122	261,355679758	286,447074863	313,890996266	343,896951193	376,691884720	412,521519521	451,651789533	494,370373470	540,988334452
16	313,644772060	346,309497280	382,304609568	421,953934997	465,610884111	513,660963219	566,524481743	624,659469555	688,564819124	758,783668233
17	412,184651398	458,448536410	509,795130726	566,758272896	629,924693549	699,938909978	777,508539988	863,410067986	958,495098582	1063,697135527
18	541,271893331	606,472068061	679,357523865	760,796085680	851,748336292	953,276917570	1066,556699784	1192,885893821	1333,698187029	1490,575989737
19	710,376180264	801,863129841	904,875506741	1020,806754811	1151,210253994	1297,816607895	1462,552678704	1647,562533473	1855,230479971	2088,206385632
20	931,902796146	1059,779331390	1204,814423965	1369,221051447	1555,483842892	1766,390586737	2005,067169824	2275,016296193	2580,160367159	2924,888939885
21	1222,102662951	1400,228717435	1603,733183874	1836,096208939	2101,253187904	2403,651197963	2748,312022660	3140,902488746	3587,812910351	4096,244515839
22	1602,264488466	1849,621907015	2134,295134552	2461,708919978	2838,041803670	3270,325629229	3766,557471044	4335,825434469	4988,449945388	5736,142322175
23	2100,276479891	2442,820917259	2839,942528954	3300,029952771	3832,706434955	4449,002855752	5161,553735330	5984,819099568	6935,335424089	8031,999251044
24	2752,672188657	3225,843610782	3778,453563509	4423,380136713	5175,503687189	6052,003883823	7072,698617402	8260,430357403	9641,506239484	11246,198951462
25	3607,310567140	4259,473566232	5026,673239467	5928,669383195	6988,279977705	8232,085281999	9690,967105840	11400,773893217	13403,083672883	15746,078532047
26	4726,886842954	5623,772307427	6686,805408492	7945,756973482	9435,527969902	11196,995983552	13277,994935001	15734,447972639	18631,676305307	22045,909944866
27	6193,531764269	7424,699445803	8894,781193294	10648,65434447	12739,31275937	15229,27453759	18192,223060952	21714,918202242	25899,420064377	30865,673992812
28	8114,836611193	9801,923268460	11831,38898708	14270,53682158	17199,42222515	20713,17337112	24924,715593504	29967,967119094	36001,583889484	43213,343491937
29	10631,74596066	12939,85871437	15737,07735282	19123,85934092	23220,57000395	28171,27578472	34148,230363100	41357,174624349	50043,591606382	60500,080888711
30	13928,89720847	17081,93350297	20931,64287925	25627,31151684	31349,11950533	38314,29506722	46784,445597447	56714,280981602	69561,98232871	84701,513244196
31	18248,16534309	22549,47222391	27840,41502940	34341,93743256	42322,66133219	52108,80129141	64096,060468502	78763,887754611	96692,545442691	118583,51854187
32	23906,40659945	29766,62333557	37029,08198910	46019,53615963	57136,94279846	70869,32975632	87812,972841848	108695,54510136	134404,02816534	166018,32595862
33	31318,70264528	39293,26280295	49250,00904550	61667,51845390	77136,22277792	96383,64846860	120305,14279333	150001,23223988	186822,98914982	232427,05634207
34	41028,81046532	51868,42689989	65503,84203052	82635,81472823	104135,2507502	131083,1219173	164819,41562686	207003,08049104	259685,34491826	325399,27887890
35	53749,05170957	68467,64350786	87121,43990059	110733,3317358	140583,9385128	178274,4058075	225803,96940880	285665,63107763	360964,01943638	455560,39043046
36	70412,56773953	90378,60943037	115872,8450678	148384,0045260	189789,6669922	242454,5518982	309352,80809006	394219,95088713	501741,37701656	637785,94660265
37	92241,77373879	119301,0844481	154112,2139402	198835,9060649	256217,4004395	329739,5505816	423814,71708338	544024,91222424	697421,90405302	892901,72524371
38	120838,0335978	157478,7514715	204970,5745404	266441,4541269	345894,8405933	448447,1487910	580627,53240424	750755,75886945	969417,83663370	1250063,8153412
39	158299,1340131	207873,2719423	272612,1941387	357032,8885301	466959,3848010	609889,4823557	795461,08939380	1036044,3272398	1347492,1829208	1750090,7414777
40	207373,1755572	274394,0389639	362575,5482045	478425,4106303	630396,5194814	829451,0560038	1089783,0624695	1429742,5515910	1873015,5242600	2450128,4380687
41	271660,1699799	362201,4514323	482226,8091120	641091,3902446	851036,6512999	1128054,796165	1493004,1655832	1973046,1011956	2603492,9687214	3430181,2132962
42	355876,1326737	478107,2358907	641362,9861190	859063,8029277	1148900,829255	1534155,882785	2045417,0768490	2722804,9996499	3618856,6165227	4802255,0986147
43	466199,0438026	631102,8713757	853014,1015383	1151146,835923	1551017,469494	2086453,360587	2802222,7652832	3754742,2795168	4930122,0869665	6723158,5380606
44	610722,0573814	833057,1102160	1134510,085046	1542538,100137	2093874,933817	2837577,930398	3839046,5584379	5185313,1257332	6991996,1908835	9412423,3532849
45	800047,2051696	1099636,705485	1508899,743111	2067002,394184	2826732,510653	3859107,345342	5259495,1550600	7155733,4935118	9718876,0953280	13177394,094599
46	1048063,148772	1451521,771240	2006837,988338	2769784,548206	3816090,239381	5248387,349665	7205509,7324322	9874913,6010463	13509239,162506	18448353,132438
47	1372964,034892	1916010,058037	2669095,854489	3711512,634596	5151723,173165	7137808,155544	9871549,7034321	13627382,149444	1877843,825883	25827695,785414
48	1798584,195708	2529134,596609	3549898,816471	4973428,270359	6954827,633772	9707420,451540	13524024,463702	18805788,746233	26101204,307978	36158775,499579
49	2356146,606377	3338458,987524	4721366,755906	6664395,222281	9389018,655593	13202093,17409	18527914,885272	25951989,849801	36280675,378089	50622287,099411
50	3086553,364354	4406767,183532	6279419,115355	8930290,937856	12675176,53505	17954848,07677	25383244,762822	35813747,372725	50430140,165544	70871203,339175

IV	0.25%	0.5%	0.75%	1%	1.25%	1.5%	1.75%	2%	2.25%	2.5%
1	0.997506234	0.995024876	0.992555831	0.990099010	0.987654321	0.985221675	0.982800983	0.980392157	0.977995110	0.975609756
2	1.992524922	1.985099379	1.977722909	1.970395059	1.963115379	1.955883424	1.948698755	1.941560938	1.934469545	1.927424152
3	2.985062266	2.970248138	2.95556238	2.940985207	2.926533707	2.912200417	2.897984034	2.883883273	2.869896866	2.856023563
4	3.975124455	3.950495660	3.926110410	3.901965552	3.878057983	3.854384648	3.830942540	3.807728699	3.7841974208	3.761974208
5	4.962717661	4.925866328	4.889439612	4.853431239	4.817835045	4.782644973	4.747855076	4.713459509	4.679452529	4.645828496
6	5.947848041	5.896384406	5.845597630	5.795476475	5.746009921	5.697187165	5.648997617	5.601430891	5.554476801	5.508125362
7	6.930521737	6.862074036	6.794637846	6.728194529	6.662725847	6.598213956	6.534641393	6.471991069	6.410246260	6.349390597
8	7.910744875	7.822959240	7.736613247	7.651677752	7.568124294	7.485925080	7.405029666	7.325481440	7.247184607	7.171037167
9	8.888523566	8.779063920	8.671576424	8.566017576	8.462344982	8.360517320	8.260494316	8.162236706	8.065706217	7.970865529
10	9.863863906	9.730411861	9.599579577	9.471304531	9.345525908	9.222184552	9.101222915	8.982585006	8.866216349	8.752063931
11	10.836771976	10.677026727	10.520674518	10.367628248	10.217803366	10.071117785	9.927491808	9.786848045	9.649111344	9.514208713
12	11.807253841	11.618932067	11.434912673	11.255077473	11.079311966	10.907505207	10.739549688	10.575341221	10.414778820	10.257764598
13	12.775315552	12.556151310	12.342345085	12.133740073	11.930184658	11.731532224	11.537640971	11.348373746	11.163597868	10.983184974
14	13.740963145	13.488707771	13.243022417	13.003703042	12.770552748	12.543381501	12.322005869	12.106248771	11.895939235	11.690912170
15	14.704202638	14.416624648	14.136994955	13.865052517	13.600545924	13.343233006	13.092880461	12.849263501	12.612165511	12.381377726
16	15.665040038	15.339925023	15.024312610	14.717873779	14.420292271	14.131264045	13.850496767	13.577709314	13.312631307	13.055002660
17	16.623481335	16.258631864	15.905024923	15.562251267	15.229918292	14.907649306	14.595082818	14.291871877	13.997683430	13.712197717
18	17.579532503	17.172768024	16.779181065	16.398268581	16.029548931	15.672560892	15.326862720	14.992031252	14.667661056	14.353363626
19	18.533199505	18.082356242	17.646829841	17.226008496	16.819307586	16.426168367	16.046056728	15.678462011	15.322895898	14.978891343
20	19.484488284	18.987419147	18.508019694	18.045552966	17.599316134	17.168638785	16.752881305	16.351433345	15.963712370	15.589162286
21	20.433404772	19.887979250	19.362798703	18.856983135	18.369694947	17.900136734	17.447549194	17.011209161	16.590427746	16.184548571
22	21.379954885	20.784058956	20.211214594	19.660379342	19.130562911	18.620824369	18.130269478	17.658048197	17.203352319	16.765413240
23	22.324144523	21.675680553	21.053314733	20.455821130	19.882037443	19.330861447	18.801247644	18.292204115	17.802789554	17.332110478
24	23.265979574	22.562866222	21.889146137	21.243387258	20.624234512	20.030405366	19.460685645	18.913925603	18.389036238	17.884985833
25	24.205465910	23.445638032	22.718755471	22.023155701	21.357268653	20.719611198	20.108781961	19.523456474	18.962382629	18.424376422
26	25.142609386	24.324017942	23.542189054	22.795203664	22.081252991	21.398631723	20.745731657	20.121035758	19.523112596	18.950611143
27	26.077415847	25.198027803	24.359492857	23.559607588	22.796299250	22.067617461	21.371726444	20.706897802	20.071503761	19.464010872
28	27.009891119	26.067689356	25.170712513	24.316443157	23.502517778	22.726716710	21.986954736	21.281272355	20.607827639	19.964888655
29	27.940041016	26.933024235	25.975893313	25.065785303	24.200017559	23.376075576	22.591601707	21.844384662	21.132349769	20.453549908
30	28.867871338	27.794053965	26.775080212	25.807708221	24.888906231	24.015838006	23.185849343	22.396455551	21.645329848	20.930292593
31	29.793387868	28.650799965	27.568317828	26.542285368	25.569290104	24.646145819	23.769876504	22.937701521	22.147021856	21.395407408
32	30.716596377	29.503283548	28.355650450	27.269589473	26.241274177	25.267138738	24.343858972	23.468334824	22.637674187	21.849177959
33	31.637502621	30.351525918	29.137122034	27.989692547	26.904962150	25.878954422	24.907969506	23.988563553	23.117529167	22.291880935
34	32.556112340	31.195548177	29.912776213	28.702665889	27.560456445	26.481728494	25.462377893	24.498591719	23.586826178	22.723786278
35	33.472431262	32.035371320	30.682656291	29.408580088	28.207858217	27.075594576	26.007251000	24.998619332	24.045795773	23.145157345
36	34.386465099	32.871016239	31.446805251	30.107505037	28.847267375	27.660684311	26.542752826	25.488842482	24.494665793	23.556251068
37	35.298219550	33.702503721	32.205265758	30.799509938	29.478782593	28.237127400	27.069044546	25.969453414	24.933658477	23.957318115
38	36.207700299	34.529854448	32.958080157	31.484663305	30.102501326	28.805051625	27.586284566	26.440640602	25.366891176	24.348603039
39	37.114913017	35.353089003	33.705290478	32.163032975	30.718519828	29.364582882	28.094628566	26.902588826	25.782876455	24.730344428
40	38.019863358	36.172227864	34.446938440	32.834686114	31.326933164	29.915845204	28.594229549	27.355479241	26.193522206	25.102775052
41	38.922556966	36.987291407	35.183065449	33.499689222	31.927835223	30.458960792	29.085237886	27.799489452	26.595131742	25.466122002
42	39.822999467	37.798299908	35.913712605	34.158108140	32.521318739	30.994050042	29.567801362	28.234793580	26.987903904	25.820606831
43	40.721196476	38.605273540	36.638920699	34.810008060	33.107475298	31.521231568	30.042065221	28.661562333	27.372033158	26.166445689
44	41.617153592	39.408232378	37.358730223	35.455453524	33.686395356	32.040622235	30.508172207	29.079963072	27.747709690	26.503849453
45	42.510876401	40.207196396	38.073181362	36.094508440	34.258168253	32.552337177	30.966262612	29.490159875	28.115119501	26.833023856
46	43.402370475	41.002185469	38.782314007	36.727236079	34.822882225	33.056489830	31.416474311	29.892313602	28.474444500	27.154169616
47	44.291641372	41.793219372	39.486167749	37.353699088	35.380624420	33.553191950	31.858942812	30.286581963	28.825862591	27.467482552
48	45.178694635	42.580317783	40.184781885	37.973959493	35.931480908	34.042553646	32.293801290	30.673119572	29.169547767	27.773153709
49	46.063535795	43.363500281	40.878195420	38.588078706	36.475536700	34.524683395	32.721180629	31.052078012	29.505670187	28.071369473
50	46.946170370	44.142786350	41.566447067	39.196117531	37.012875753	34.999688074	33.141209463	31.423605894	29.834396271	28.362311681

IV	2.75%	3%	3.25%	3.5%	3.75%	4%	4.25%	4.5%	4.75%	5%
1	0.973236010	0.970873786	0.968523002	0.966183575	0.963855422	0.961538462	0.959232614	0.956937799	0.954653938	0.952380952
2	1.920424340	1.913469696	1.906559809	1.899694275	1.892872696	1.886094675	1.879359821	1.872667750	1.866018079	1.859410431
3	2.842262132	2.828611355	2.815070033	2.801636981	2.788311032	2.775091033	2.761975848	2.748964354	2.736055446	2.723248029
4	3.739427865	3.717098403	3.694983082	3.673079209	3.651384127	3.629895224	3.608609926	3.587525698	3.566640043	3.545950504
5	4.612581864	4.579707187	4.547199111	4.515052375	4.483261809	4.451822331	4.420728946	4.389976744	4.359560901	4.329476671
6	5.462366778	5.417191444	5.372589938	5.328553020	5.285071623	5.242136857	5.199739996	5.157872483	5.116525920	5.075692067
7	6.289408056	6.230282955	6.171999940	6.114543980	6.057900360	6.002054670	5.946992802	5.892700940	5.839165556	5.786373397
8	7.094314410	7.019692190	6.946246915	6.873795537	6.802795528	6.732744875	6.663782064	6.595886067	6.529036330	6.463212759
9	7.877678258	7.786108922	7.696122921	7.607686509	7.520766774	7.435331611	7.351349702	7.268790495	7.187624181	7.107821676
10	8.640076163	8.530202837	8.422395080	8.316605323	8.212787252	8.110895779	8.010887004	7.912718177	7.816347667	7.721734929
11	9.382069259	9.252624113	9.125806373	9.001551036	8.879794941	8.760476711	8.643536695	8.528916916	8.416561019	8.306414218
12	10.104203658	9.954003994	9.807076391	9.663334335	9.522693919	9.385073760	9.250394911	9.118580781	8.989557058	8.863251636
13	10.807010860	10.634955334	10.466902073	10.302738488	10.142355585	9.985647847	9.832513104	9.682852422	9.536569984	9.393572987
14	11.491008136	11.296073139	11.105958424	10.920520278	10.739619841	10.563122929	10.390899860	10.222825284	10.058778028	9.898640940
15	12.156698916	11.937935087	11.724899200	11.517410896	11.315296232	11.118387432	10.926522648	10.739545726	10.557305993	10.379658038
16	12.804573154	12.561102026	12.324357579	12.094116808	11.870165043	11.652295608	11.440309494	11.234015049	11.033227678	10.837769560
17	13.435107692	13.166118472	12.904946808	12.651320588	12.404978355	12.165668854	11.933150594	11.707191435	11.487568189	11.274066248
18	14.048766611	13.753513079	13.467260831	13.189681727	12.920461065	12.659296975	12.405899850	12.159991803	11.921306147	11.689586903
19	14.646001567	14.323799106	14.011874897	13.709837418	13.417311870	13.133939399	12.859376355	12.593293592	12.335375797	12.085320860
20	15.227252134	14.877474860	14.539346147	14.212403302	13.896204212	13.590326345	13.294365808	13.007936451	12.730669019	12.462210343
21	15.792946116	15.415024136	15.050214186	14.697974205	14.357787192	14.029159947	13.711621878	13.404723877	13.108037249	12.821152707
22	16.343499869	15.936916637	15.545001633	15.167124836	14.802686450	14.451115334	14.111867509	13.784424763	13.468293317	13.163002578
23	16.879318607	16.443608386	16.024214656	15.620410469	15.231505012	14.856841667	14.495796172	14.147774893	13.812213190	13.488573884
24	17.400796698	16.935542122	16.488343493	16.058367603	15.644824108	15.246963141	14.864073067	14.495478366	14.140537652	13.798641794
25	17.908317955	17.413147691	16.937862947	16.481514592	16.043203960	15.622079944	15.217336275	14.828208963	14.453973892	14.093944566
26	18.402255917	17.876842419	17.373232879	16.890352263	16.427184539	15.982769177	15.556197866	15.146611448	14.753197033	14.375185301
27	18.882974128	18.327031474	17.794898672	17.285364505	16.797286303	16.329585747	15.881244955	15.451302821	15.038851583	14.643033620
28	19.350826402	18.764108228	18.203291692	17.667018846	17.154010895	16.663063218	16.193040724	15.742873513	15.311552824	14.898127257
29	19.806157082	19.188454590	18.598829726	18.035767001	17.497841826	16.983714633	16.492125395	16.021888529	15.571888137	15.141073578
30	20.249301297	19.600441349	18.981917410	18.392045411	17.829245134	17.292033301	16.779017165	16.288888544	15.820418269	15.372451027
31	20.680585204	20.000428495	19.352946644	18.736275760	18.148670008	17.588493558	17.054213108	16.544390951	16.057678539	15.592810502
32	21.100326232	20.388765529	19.712296992	19.068865468	18.456549406	17.873551498	17.318190032	16.788890863	16.284179989	15.802676668
33	21.508833316	20.765791776	20.060336069	19.390208182	18.753300632	18.147645672	17.571405306	17.022862070	16.500410491	16.002549208
34	21.906407120	21.131836675	20.397419922	19.700684234	19.039325910	18.411197761	17.814297656	17.246757961	16.706835791	16.192904008
35	22.293340263	21.487220073	20.723893387	20.000661095	19.315012926	18.664613232	18.047287919	17.461012403	16.903900516	16.374194293
36	22.669917531	21.832252498	21.040090447	20.290493812	19.580735350	18.908281954	18.270779779	17.666040577	17.092029133	16.546851708
37	23.036416089	22.167235435	21.346334574	20.570525422	19.836853349	19.142578802	18.485160459	17.862239787	17.271626857	16.711287341
38	23.393105682	22.492461587	21.642939054	20.841087365	20.083714072	19.367864232	18.690801400	18.049990227	17.443080532	16.867892705
39	23.740248839	22.808215133	21.930207317	21.102499869	20.321652117	19.584484839	18.888058897	18.229655719	17.606759457	17.017040672
40	24.078101060	23.114771974	22.208433237	21.355072337	20.550989993	19.792773883	19.077274721	18.401584420	17.763016188	17.159086354
41	24.406911007	23.412399975	22.477901440	21.599103708	20.772038547	19.993051811	19.258776711	18.566109493	17.912187292	17.294367956
42	24.726920688	23.701359199	22.738887593	21.834882809	20.985097395	20.185626741	19.432879339	18.723549074	17.423207577	17.423207577
43	25.038365633	23.981902135	22.991658686	22.062688705	21.190455320	20.370794944	19.599884258	18.874210291	18.190543268	17.545911978
44	25.341475069	24.254273917	23.236473303	22.282791019	21.388390670	20.548841292	19.760080823	19.018383054	18.320327702	17.662773313
45	25.636472087	24.518712541	23.473581892	22.495450260	21.579171730	20.720039704	19.913746593	19.156347420	18.444226924	17.774069822
46	25.923573807	24.775449069	23.703227014	22.700918125	21.763057089	20.884653561	20.061147811	19.288370737	18.562507803	17.880066497
47	26.202991540	25.024707834	23.925643597	22.899437802	21.940295990	21.042936117	20.202539867	19.414708839	18.675425110	17.981015711
48	26.474930939	25.266706635	24.141059174	23.091244253	22.111128665	21.195130881	20.338167738	19.535606544	18.783222062	18.077157820
49	26.739592155	25.501656927	24.349694115	23.276564496	22.275786665	21.341472001	20.468266415	19.651298129	18.886130847	18.168721734
50	26.997169980	25.729764007	24.551761855	23.455617871	22.434493171	21.482184617	20.593061309	19.762007779	18.984373124	18.255925461

IV	5.25%	5.5%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%
1	0.950118765	0.947867299	0.945626478	0.943396226	0.941176471	0.938967136	0.936768150	0.934579439	0.932400932	0.930232558
2	1.852844432	1.846319714	1.839835913	1.833392666	1.826989619	1.820626419	1.814302717	1.808018168	1.801772431	1.795565170
3	2.710541028	2.697933378	2.685424031	2.673011949	2.660696112	2.648475511	2.636349149	2.624316044	2.612375227	2.600525740
4	3.525454659	3.505150122	3.485034544	3.465105613	3.445361047	3.425798602	3.406416065	3.387211256	3.368182030	3.349326270
5	4.299719391	4.270284476	4.241167418	4.212363786	4.183869221	4.155679438	4.127790224	4.100197436	4.072896998	4.045884902
6	5.035362841	4.995530309	4.956186684	4.917324326	4.878935737	4.841013557	4.803550562	4.766539660	4.729973891	4.693846420
7	5.734311488	5.682967117	5.632327833	5.582381440	5.533115988	5.484519772	5.436581322	5.389289402	5.342632998	5.296601321
8	6.398395713	6.334565988	6.271704807	6.209793811	6.148815047	6.088750959	6.029584377	5.971298506	5.913876921	5.857303555
9	7.029354597	6.952195249	6.876316602	6.801692274	6.728296515	6.656104187	6.585090751	6.515232249	6.446505288	6.378887028
10	7.628840472	7.537625829	7.448053525	7.360087051	7.273690838	7.188830223	7.105471430	7.023581541	6.943128474	6.864080956
11	8.198423251	8.092536330	7.988703097	7.886874577	7.787003141	7.689042463	7.592947475	7.498674337	7.406180395	7.315424145
12	8.739594538	8.618517849	8.499955647	8.383843940	8.270120604	8.158725317	8.049599508	7.942686297	7.837930438	7.735278275
13	9.253771533	9.117078530	8.983409595	8.852682963	8.724819392	8.599742082	8.477376589	8.357650744	8.240494581	8.125840255
14	9.742300744	9.589647895	9.440576449	9.294983927	9.152771192	9.013842330	8.878104533	8.745467985	8.615845763	8.489153726
15	10.206461514	10.037580943	9.872885531	9.712248988	9.555549357	9.402668855	9.253493707	9.107914005	8.965823556	8.827119745
16	10.647469372	10.462162032	10.281688446	10.105895271	9.934634689	9.767764183	9.605146330	9.446648603	9.292143175	9.141506740
17	11.066479213	10.864608561	10.668263306	10.477259690	10.291420884	10.110576698	9.934563307	9.763222993	9.596403893	9.433959758
18	11.464588326	11.246074465	11.033818729	10.827603481	10.627219656	10.432466383	10.243150639	10.059086910	9.880096870	9.706009077
19	11.842839265	11.607653522	11.379497616	11.158116492	10.943265558	10.734710218	10.532225423	10.335595243	10.144612466	9.959078211
20	12.20222580	11.950382485	11.706380724	11.469921219	11.240720525	11.018507247	10.803021473	10.594014246	10.391247055	10.194491359
21	12.543679410	12.275244062	12.015490046	11.764076621	11.520678142	11.284983331	11.056694589	10.835527332	10.621209375	10.413480334
22	12.868103953	12.583169727	12.307792006	12.041581718	11.784167663	11.535195616	11.294327483	11.061240497	10.835626457	10.617191008
23	13.176345799	12.875042395	12.584200479	12.303378979	12.032157800	11.770136728	11.516934411	11.272187381	11.035549144	10.806689310
24	13.469212160	13.151698952	12.845579649	12.550357528	12.265560282	11.990738712	11.725465490	11.469334001	11.221957244	10.982966800
25	13.747469986	13.413932656	13.092746713	12.783356158	12.485233207	12.197876725	11.920810764	11.653583178	11.397644330	11.146945861
26	14.011847968	13.662495409	13.326474433	13.003166187	12.691984195	12.392372512	12.103803994	11.825778671	11.557822219	11.299484522
27	14.263038449	13.898099914	13.547493554	13.210534139	12.886573360	12.574997664	12.275226224	11.986709039	11.708925146	11.441380950
28	14.501699239	14.121421719	13.756495086	13.406164282	13.069716103	12.746476679	12.435809109	12.137111251	11.849813656	11.573377628
29	14.728455334	14.333101156	13.954132469	13.590721021	13.242085744	12.907489840	12.586238041	12.277674066	11.981178234	11.696165236
30	14.943900555	14.533745171	14.141023611	13.764831151	13.404315995	13.058675906	12.727155074	12.409041184	12.103662689	11.810386266
31	15.148599102	14.723929072	14.317752824	13.929085992	13.557003289	13.200634654	12.859161662	12.531814190	12.217867309	11.916638387
32	15.343087033	14.904198173	14.484872647	14.084043389	13.700708978	13.333929252	12.982821229	12.646555318	12.324351803	12.015477569
33	15.527873665	15.075069358	14.642905576	14.230229612	13.835961391	13.459088500	13.098661573	12.753790017	12.423638045	12.107420994
34	15.703442912	15.237032567	14.792345699	14.368141143	13.963257780	13.576608920	13.207177117	12.854009361	12.516212629	12.192949762
35	15.870254549	15.390552196	14.933660235	14.498246362	14.083066146	13.686956732	13.308831023	12.947672300	12.602529258	12.272511407
36	16.028745414	15.536068432	15.067291002	14.620987134	14.195826961	13.790569702	13.404057164	13.035207757	12.683010963	12.346522239
37	16.179330560	15.673998514	15.193655794	14.736780315	14.301954787	13.887858875	13.493261981	13.117016596	12.758052180	12.415369524
38	16.322404332	15.804737928	15.313149687	14.846019165	14.401839799	13.979210211	13.576826211	13.193473454	12.828020681	12.479413511
39	16.458341409	15.928661543	15.426146276	14.949074684	14.495849223	14.064986114	13.655106521	13.264928462	12.893259376	12.538989313
40	16.587497775	16.046124685	15.532998843	15.046296872	14.584328680	14.145526867	13.728437022	13.331708843	12.954087996	12.594408663
41	16.710211663	16.157464157	15.634041459	15.138015917	14.667603464	14.221151988	13.797130700	13.394120414	13.010804659	12.645961547
42	16.826804430	16.262999021	15.729590032	15.224543317	14.745979731	14.292161491	13.861480749	13.452448985	13.063687327	12.693917718
43	16.937581407	16.363032418	15.819943293	15.306172941	14.819745629	14.358837081	13.921761826	13.506961668	13.112995177	12.738528110
44	17.042832690	16.457850633	15.905383728	15.383182020	14.889172356	14.421443268	13.978231219	13.557908101	13.158969862	12.780026149
45	17.142833910	16.547725718	15.986178467	15.455832094	14.954515159	14.480228421	14.031129947	13.605521590	13.201836701	12.818628976
46	17.237846945	16.632915373	16.062580110	15.524369900	15.016014267	14.535425747	14.080683792	13.650020177	13.241805782	12.854538582
47	17.328120613	16.713663861	16.134827527	15.589028208	15.073895781	14.587254223	14.127104254	13.691607642	13.279072990	12.887942867
48	17.413891319	16.790202711	16.203146598	15.650026611	15.128372500	14.635919458	14.170589465	13.730474432	13.313820970	12.919016620
49	17.495383676	16.862751385	16.267750920	15.707572275	15.179644706	14.681614515	14.211325026	13.766798535	13.346220019	12.947922438
50	17.572811094	16.931517901	16.328842478	15.761860636	15.227900899	14.724520671	14.249484802	13.800746294	13.376428922	12.974811570

IV	7.75%	8%	8.25%	8.5%	8.75%	9%	9.25%	9.5%	9.75%	10%
1	0.928074246	0.925925926	0.923787529	0.921658986	0.919540230	0.917431193	0.915331808	0.913242009	0.911161731	0.909090909
2	1.789396052	1.783264746	1.777170927	1.771114273	1.765094464	1.759111186	1.753164126	1.747252976	1.741377432	1.735537190
3	2.588766638	2.577096987	2.565515868	2.554022371	2.542615599	2.531294666	2.520058697	2.508906828	2.497838206	2.486851991
4	3.330641891	3.312126840	3.293779093	3.275596656	3.257577563	3.239719877	3.22201690	3.204481121	3.187096316	3.169865446
5	4.019157207	3.992710037	3.966539578	3.940642079	3.915013851	3.889651263	3.864550746	3.839708787	3.815121928	3.790786769
6	4.658150540	4.622879664	4.588027324	4.553587170	4.519552966	4.485918590	4.452678029	4.419825376	4.387354832	4.355260699
7	5.251183796	5.206370059	5.162149953	5.118513520	5.075451003	5.032952835	4.991009637	4.949612215	4.908751555	4.868418818
8	5.801562688	5.746638944	5.692517277	5.639182968	5.586621612	5.534819115	5.483761682	5.433435813	5.383828296	5.334926198
9	6.312355163	6.246887911	6.182463997	6.119062643	6.056663552	5.995246894	5.934793301	5.875283848	5.816700042	5.759023816
10	6.786408504	6.710081399	6.635070667	6.561348058	6.488886024	6.417657701	6.347636889	6.278798034	6.211116211	6.144567106
11	7.226365201	7.138964258	7.053183065	6.968984386	6.886331976	6.805190552	6.725525757	6.647304141	6.570493131	6.495061005
12	7.634677681	7.536078017	7.439430083	7.344686070	7.251799519	7.160725277	7.071419457	6.983839398	6.897943627	6.813691823
13	8.013621977	7.903775942	7.796240261	7.690954903	7.587861626	7.486903924	7.388026963	7.291177533	7.196303989	7.103356203
14	8.365310420	8.244236983	8.125857054	8.010096685	7.896884254	7.786150389	7.677827884	7.571851628	7.468158532	7.366687457
15	8.691703406	8.559478688	8.430352937	8.304236576	8.181042992	8.060688430	7.943091884	7.828175003	7.715861988	7.606079506
16	8.994620330	8.851369155	8.711642436	8.575333250	8.442338384	8.312558193	8.185896462	8.062260276	7.941559898	7.823708642
17	9.275749726	9.121638107	8.971494167	8.825191935	8.682610008	8.543631369	8.408143214	8.276036782	8.147207196	8.021553311
18	9.536658679	9.371887136	9.211541956	9.055476438	8.903549433	8.755625109	8.611572736	8.471266468	8.334585145	8.201412101
19	9.778801558	9.603599200	9.433295109	9.267720219	9.106712122	8.950114779	8.797778248	8.649558418	8.505316760	8.364920092
20	10.003528128	9.818147407	9.638147907	9.463336608	9.293528388	9.128545669	8.968218076	8.812382117	8.660880875	8.513563720
21	10.212091070	10.016803155	9.827388367	9.643628210	9.465313460	9.292243733	9.124227072	8.961079559	8.802624943	8.648694291
22	10.405652965	10.200743662	10.002206343	9.809795585	9.623276745	9.442425443	9.267027068	9.096876309	8.931776714	8.771540264
23	10.585292775	10.371058946	10.163701010	9.962945240	9.768530340	9.580206829	9.397736447	9.220891607	9.049454864	8.883218422
24	10.752011856	10.528758284	10.312887769	10.104096995	9.902096865	9.706611769	9.517378899	9.334147586	9.156678692	8.984744020
25	10.906739542	10.674776189	10.450704637	10.234190779	10.024916657	9.822579605	9.628891440	9.437577704	9.254376940	9.077040018
26	11.050338322	10.809977952	10.578018140	10.354092884	10.137854397	9.928972115	9.727131753	9.532034433	9.343395845	9.160945471
27	11.183608651	10.935164771	10.695628767	10.464601736	10.241705193	10.026579922	9.818884900	9.618296286	9.424506465	9.237223156
28	11.307293412	11.051078491	10.804275997	10.566453213	10.337200177	10.116128369	9.902869474	9.697074234	9.498411358	9.306566505
29	11.422082053	11.158406011	10.904642953	10.660325542	10.425011657	10.198282907	9.979743225	9.769017565	9.566570668	9.369605914
30	11.528614434	11.257783343	10.997360696	10.746843818	10.505757846	10.273654043	10.050108215	9.834719237	9.627107670	9.426914467
31	11.627484394	11.349799392	11.083012190	10.826584164	10.580007215	10.342801874	10.114515529	9.894720765	9.683013822	9.479013152
32	11.719243057	11.434999437	11.162135973	10.900077570	10.648282496	10.406240252	10.173469592	9.949516680	9.733953369	9.526375593
33	11.804401909	11.513888367	11.235229536	10.967813429	10.711064364	10.464440598	10.227432121	9.999558612	9.780367534	9.569432357
34	11.883435646	11.586933674	11.302725458	11.030242791	10.768794818	10.517835411	10.276825740	10.045259006	9.822658345	9.608574870
35	11.956784823	11.654568216	11.365129291	11.087781375	10.821880292	10.566821478	10.322037290	10.086994526	9.861192114	9.644158973
36	12.024858304	11.717192793	11.422752232	11.140812327	10.870694522	10.611762824	10.363420861	10.125109157	9.896302610	9.676508157
37	12.088035549	11.775178512	11.475983586	11.189688780	10.915581169	10.652993416	10.401300559	10.159917038	9.928293950	9.705916506
38	12.146668723	11.828868992	11.525158048	11.234736203	10.956856248	10.690819648	10.435973052	10.191705057	9.957443234	9.732651369
39	12.201084662	11.878582400	11.570584801	11.276254565	10.994810343	10.725522613	10.467709887	10.220735212	9.984002947	9.756955790
40	12.251586693	11.924613334	11.612549470	11.314520337	11.029710660	10.757360195	10.496759622	10.247246769	10.008203141	9.779050718
41	12.298456328	11.967234568	11.651315908	11.349788329	11.061802906	10.786568986	10.523349769	10.271458237	10.030253431	9.799137017
42	12.341954828	12.006698674	11.687127859	11.382293390	11.091313017	10.813366043	10.547688575	10.293569166	10.050344812	9.817397288
43	12.382324667	12.043239513	11.720210494	11.412251973	11.118448751	10.837950498	10.569966659	10.313761795	10.068651309	9.833997535
44	12.419790874	12.077073623	11.750771819	11.439863569	11.143401150	10.860505044	10.590358498	10.332202553	10.085331489	9.849088668
45	12.454562296	12.108401503	11.779003989	11.465312045	11.166345885	10.881197288	10.609023797	10.349043427	10.100529831	9.862807880
46	12.486832757	12.137408799	11.805084517	11.488766862	11.187444492	10.900180998	10.626108739	10.364423221	10.114377978	9.875279891
47	12.516782141	12.164267407	11.829177383	11.510384205	11.206845510	10.917597246	10.641747129	10.378468695	10.126995880	9.886618082
48	12.544577393	12.189136488	11.851434072	11.530308023	11.224685527	10.933575455	10.656061446	10.391295612	10.138492829	9.896925530
49	12.570373451	12.212163415	11.871994524	11.548670989	11.241090139	10.948234362	10.669163795	10.403009691	10.148968409	9.906295936
50	12.594314108	12.233484643	11.890988013	11.565595381	11.256174841	10.961682901	10.681156791	10.413707481	10.158513357	9.914814487

IV	10.5%	11%	11.5%	12%	12.5%	13%	13.5%	14%	14.5%	15%
1	0.904977376	0.900900901	0.896860987	0.892857143	0.888888889	0.884955752	0.881057269	0.877192982	0.873362445	0.869565217
2	1.723961426	1.712523334	1.701220616	1.690051020	1.679012346	1.668102436	1.657319179	1.646660511	1.636124406	1.625708885
3	2.465123462	2.443714715	2.422619386	2.401831268	2.381344307	2.361152598	2.341250378	2.321632027	2.302292058	2.283225117
4	3.135858337	3.102445690	3.069613799	3.037349347	3.005639384	2.974471326	2.943832933	2.913712304	2.884097867	2.854978363
5	3.742858223	3.695897018	3.649877847	3.604776202	3.560568342	3.517231262	3.474742672	3.433080969	3.392225212	3.352155098
6	4.292179388	4.230537854	4.170294033	4.111407324	4.053838526	3.997549789	3.942504557	3.888667517	3.836004552	3.784482694
7	4.789302613	4.712196265	4.637035007	4.563756539	4.492300912	4.422610433	4.354629565	4.288304839	4.223584761	4.160419734
8	5.239187885	5.146122761	5.055636778	4.967639767	4.882045255	4.798770294	4.717735300	4.638863894	4.562082761	4.487321508
9	5.646323878	5.537047532	5.431064375	5.328249792	5.228484671	5.131655128	5.037652247	4.946371837	4.857714202	4.771583920
10	6.014772740	5.889232011	5.767770740	5.650223028	5.536430819	5.426243476	5.319517398	5.216115646	5.115907600	5.018768626
11	6.348210625	6.206515325	6.069749542	5.937699133	5.810160728	5.686941129	5.567856738	5.452733023	5.341404017	5.233711849
12	6.649964366	6.492356149	6.340582549	6.194374225	6.053476202	5.917647017	5.786657919	5.660292125	5.538344120	5.420618999
13	6.923044675	6.749870404	6.583482107	6.423548416	6.269756624	6.121811519	5.979434290	5.842361514	5.710344209	5.583146955
14	7.170176177	6.981865229	6.801329244	6.628168228	6.462005888	6.302488070	6.149281313	6.002071503	5.860562628	5.724475613
15	7.393824594	7.190869576	6.996707842	6.810864489	6.632894123	6.462378823	6.298926267	6.142167985	5.991757754	5.847370099
16	7.596221352	7.379161780	7.171935284	6.973986151	6.784794776	6.603875065	6.430772041	6.265059636	6.106338650	5.954234868
17	7.779385839	7.548794396	7.329089941	7.119630492	6.919817579	6.729092978	6.546935719	6.372859330	6.206409301	6.047160755
18	7.945145556	7.701616573	7.470035822	7.249670082	7.039837848	6.839905290	6.649282572	6.467420465	6.293807250	6.127965874
19	8.095154349	7.839294210	7.596444683	7.365776859	7.146522531	6.937969283	6.739456010	6.550368829	6.370137336	6.198231195
20	8.230908913	7.963328117	7.709815859	7.469443624	7.241353361	7.024751578	6.818903974	6.623130552	6.436801167	6.259331474
21	8.353763723	8.075070376	7.811494044	7.562003236	7.325647432	7.101550069	6.888902180	6.686956624	6.495022853	6.312462151
22	8.464944545	8.175739077	7.902685241	7.644645746	7.400575495	7.169513335	6.950574608	6.742944407	6.545871488	6.358662740
23	8.565560674	8.266431601	7.984471069	7.718433702	7.467178218	7.229657819	7.004911549	6.792056498	6.590280775	6.398837165
24	8.656615995	8.348136578	8.057821586	7.784315806	7.526380638	7.282883026	7.052785505	6.835137279	6.629066179	6.433771448
25	8.739019000	8.421744665	8.123606804	7.843139112	7.579005012	7.329984978	7.094965203	6.872927437	6.662939894	6.464149085
26	8.813591855	8.488058256	8.182606999	7.895659921	7.625782233	7.371668123	7.132127932	6.906076699	6.692523925	6.490564422
27	8.881078602	8.547800231	8.235521972	7.942553501	7.667361985	7.408555861	7.164870425	6.935154999	6.718361507	6.513534280
28	8.942152581	8.601621830	8.282979347	7.984422769	7.704321764	7.441199877	7.193718436	6.960662280	6.740927080	6.533508070
29	8.997423150	8.650109757	8.325542015	8.021806044	7.737174901	7.470088386	7.219135186	6.983037088	6.760635005	6.550876582
30	9.047441765	8.693792573	8.363714812	8.055183968	7.766377690	7.495653439	7.241528798	7.002664112	6.777847166	6.565979637
31	9.092707480	8.733146463	8.397950504	8.084985685	7.792335725	7.518277380	7.261258853	7.019880800	6.792879621	6.579112728
32	9.133671927	8.768600417	8.428655161	8.111594362	7.815409533	7.538298566	7.278642161	7.034983158	6.806008402	6.590532807
33	9.170743826	8.800540916	8.456192969	8.135352109	7.835919585	7.556016430	7.293957851	7.048230840	6.817474587	6.600463310
34	9.204293055	8.829316141	8.480890555	8.156564383	7.854150742	7.571695956	7.307451851	7.059851614	6.827488722	6.609098530
35	9.234654348	8.855239766	8.503040857	8.175503913	7.870356215	7.585571643	7.319340838	7.070045276	6.836234692	6.616607418
36	9.262130632	8.878594384	8.522906598	8.192414208	7.884761080	7.597851011	7.329815716	7.078987084	6.843873093	6.623136885
37	9.286996047	8.899634580	8.540723406	8.207512686	7.897565405	7.608717709	7.339044684	7.086830775	6.850544186	6.628814683
38	9.309498685	8.918589712	8.556702606	8.220993470	7.908947026	7.618334256	7.347175933	7.093711207	6.856370468	6.633751898
39	9.329863063	8.935666407	8.571033728	8.233029884	7.919064023	7.626844474	7.354340029	7.099746672	6.861458924	6.638045129
40	9.348292365	8.951050817	8.583886751	8.243776682	7.928056910	7.634375641	7.360652008	7.105040941	6.865902991	6.641778373
41	9.364970466	8.964910646	8.595414127	8.253372037	7.936050586	7.641040390	7.366213223	7.109685036	6.869784271	6.645024672
42	9.380063770	8.977396978	8.605752580	8.261939319	7.943156077	7.646938398	7.371112972	7.113758803	6.873174036	6.647847541
43	9.393722869	8.988645927	8.615024736	8.269588678	7.949472068	7.652157875	7.375429931	7.117332284	6.876134529	6.650302209
44	9.406084044	8.998780114	8.623340570	8.276418462	7.955086283	7.656776880	7.379233419	7.120466915	6.878720113	6.652436704
45	9.417270628	9.007910013	8.630798717	8.282516484	7.960076696	7.660864496	7.382584511	7.123216592	6.880978265	6.654292786
46	9.427394234	9.016135147	8.637487639	8.287961147	7.964512619	7.664481855	7.385537014	7.125628590	6.882950449	6.655906770
47	9.436555868	9.023545177	8.643486672	8.292822452	7.968455661	7.667683057	7.388138338	7.127744377	6.884672882	6.657310235
48	9.444846939	9.030220880	8.648866970	8.297162904	7.971960588	7.670515980	7.390430254	7.129600331	6.886177189	6.658530639
49	9.452350171	9.036235027	8.653692350	8.301038307	7.975076078	7.673022991	7.392449563	7.131228360	6.887490995	6.659591860
50	9.459140426	9.041653178	8.658020045	8.304498488	7.977845402	7.675241585	7.394228690	7.132656456	6.888638424	6.660514661

IV	15.5%	16%	16.5%	17%	17.5%	18%	18.5%	19%	19.5%	20%
1	0.865800866	0.862068966	0.858369099	0.854700855	0.851063830	0.847457627	0.843881857	0.840336134	0.836820084	0.833333333
2	1.615412005	1.605231867	1.595166608	1.585214406	1.575373472	1.565642057	1.556018444	1.546500953	1.537087936	1.527777778
3	2.264425978	2.245889540	2.227610823	2.209584962	2.191807210	2.174272930	2.156977590	2.139916767	2.123086139	2.106481481
4	2.826342838	2.798180638	2.770481393	2.743235010	2.716431668	2.690061805	2.664116110	2.638585519	2.613461204	2.588734568
5	3.312850942	3.274293654	3.236464715	3.199346163	3.162920569	3.127171021	3.092081105	3.057634890	3.023816907	2.990612140
6	3.734070080	3.684735908	3.636450399	3.589184754	3.542911122	3.497602560	3.453233000	3.409777218	3.367210801	3.325510117
7	4.098761974	4.038565438	3.979785750	3.922380132	3.866307338	3.811527593	3.758002532	3.705695141	3.654569708	3.604591764
8	4.414512532	4.343590895	4.274494206	4.207162506	4.141538160	4.077565757	4.015192010	3.954365665	3.895037413	3.837159803
9	4.687889638	4.606543875	4.527462838	4.450566244	4.375777158	4.303021828	4.232229544	4.163332492	4.096265617	4.030966503
10	4.924579773	4.833227478	4.744603294	4.658603628	4.575129496	4.494086295	4.415383582	4.338934867	4.264657420	4.192472086
11	5.129506297	5.028644378	4.930989952	4.836413357	4.744791060	4.656005335	4.569943951	4.486499888	4.405571063	4.327060071
12	5.306931859	5.197107222	5.090978500	4.988387485	4.889183881	4.793224860	4.700374642	4.610504108	4.523490429	4.439216726
13	5.460547064	5.342333812	5.228307725	5.118279901	5.012071388	4.909512593	4.810442736	4.714709334	4.622167723	4.532680605
14	5.593547241	5.467529149	5.346186889	5.229299061	5.116656501	5.008061520	4.903327203	4.802276751	4.704742865	4.610567171
15	5.708698910	5.575456163	5.447370720	5.324187232	5.205665107	5.091577559	4.981710720	4.875862816	4.773843401	4.675472642
16	5.808397325	5.668496692	5.534223794	5.405288232	5.281417112	5.162353864	5.047857148	4.937699846	4.831668118	4.729560535
17	5.894716299	5.748704045	5.608775789	5.474605327	5.345886904	5.222333783	5.103676918	4.989663736	4.880057003	4.774633779
18	5.969451341	5.817848314	5.672768917	5.533850707	5.400754812	5.273164223	5.150782209	5.033330870	4.920549793	4.812194816
19	6.034157005	5.877445443	5.727698641	5.584487783	5.447450904	5.316240867	5.190533510	5.070025942	4.954434973	4.843495680
20	6.090179225	5.928840900	5.774848619	5.627767336	5.487192259	5.352746497	5.224078911	5.100862136	4.982790773	4.869579733
21	6.138683312	5.973138707	5.815320703	5.664758407	5.521014688	5.383683472	5.252387267	5.126774904	5.006519475	4.891316445
22	6.180678192	6.011326471	5.850060689	5.696374707	5.549799735	5.409901248	5.276276175	5.148550340	5.026376130	4.909430370
23	6.217037396	6.044246958	5.879880420	5.723397185	5.574297646	5.432119701	5.296435590	5.166849025	5.042992577	4.924525309
24	6.248517226	6.072626688	5.905476755	5.746493321	5.595146933	5.450948899	5.313447756	5.182226071	5.056897554	4.937104424
25	6.275772490	6.097091972	5.927447859	5.766233608	5.612891007	5.466905847	5.327804013	5.195147959	5.068533518	4.9477587020
26	6.299370121	6.118182735	5.946307175	5.783105647	5.627992346	5.480428684	5.339918998	5.206006688	5.078270726	4.956322517
27	6.319800971	6.136364426	5.962495429	5.797526194	5.640844550	5.491888715	5.350142615	5.215131671	5.086419018	4.963602097
28	6.337490018	6.152038299	5.976390926	5.809851448	5.651782596	5.501600606	5.358770139	5.222799723	5.093237672	4.969668414
29	6.352805210	6.165502517	5.988318392	5.820385853	5.661091571	5.509831022	5.366050750	5.229243465	5.098943659	4.974723679
30	6.366065117	6.177198498	5.998556559	5.829389618	5.669014103	5.516805951	5.372194726	5.234658374	5.103718543	4.978936399
31	6.377545556	6.187240084	6.007344686	5.837085144	5.675756683	5.522716908	5.377379516	5.239208718	5.107714262	4.982446999
32	6.387485330	6.195896624	6.014888143	5.843662516	5.681495050	5.527726193	5.381754865	5.243032536	5.111057960	4.985372499
33	6.396091195	6.203359159	6.021363213	5.849284202	5.686378766	5.531971350	5.385447144	5.246245828	5.113856033	4.987810416
34	6.403542160	6.209792378	6.026921212	5.854089061	5.690535120	5.535568941	5.388562991	5.248946074	5.116197517	4.989842013
35	6.409993212	6.215338257	6.031692028	5.858195779	5.694072442	5.538617746	5.391192397	5.251215188	5.118156918	4.991535011
36	6.415578539	6.220119187	6.035787148	5.861705794	5.697082930	5.541201480	5.393411306	5.253122007	5.119796584	4.992945843
37	6.420414319	6.224240679	6.039302273	5.864705807	5.699645046	5.543391085	5.395283802	5.254724376	5.121168690	4.994121535
38	6.424601142	6.227793689	6.042319548	5.867269920	5.701825571	5.545246682	5.396863968	5.256070904	5.122316895	4.995101280
39	6.428226097	6.230856628	6.044909483	5.869461470	5.703681337	5.546819222	5.398197441	5.257202440	5.123277737	4.995917733
40	6.431364586	6.233497093	6.047132604	5.871334590	5.705260713	5.548151883	5.399322735	5.258153311	5.124081788	4.996598111
41	6.434081893	6.235773356	6.049040861	5.872935547	5.706604862	5.549281257	5.400272351	5.258952362	5.124754634	4.997165092
42	6.436434539	6.237735652	6.050678851	5.874303886	5.707748819	5.550238353	5.401073714	5.259623834	5.125317686	4.997637577
43	6.438471463	6.239427286	6.052084851	5.875473407	5.708722399	5.551049452	5.401749969	5.260188096	5.125788858	4.998031314
44	6.440235032	6.240885591	6.053291717	5.876472998	5.709550978	5.551736824	5.402320649	5.260662265	5.126183145	4.998359428
45	6.441761933	6.242142751	6.054327654	5.877327348	5.710256151	5.552319342	5.402802236	5.261060727	5.126513092	4.998632857
46	6.443083925	6.243226510	6.055216871	5.878057563	5.710856299	5.552813002	5.403208638	5.261395569	5.126789198	4.998860714
47	6.444228506	6.244160784	6.055980147	5.878681678	5.711367063	5.553231357	5.403551593	5.261676949	5.127020250	4.999050595
48	6.445219486	6.244966193	6.056635319	5.879215109	5.711801756	5.553585896	5.403841007	5.261913402	5.127213598	4.999208829
49	6.446077477	6.245660511	6.057197699	5.879671033	5.712171707	5.553886353	5.404085238	5.262112103	5.127375396	4.999340691
50	6.446820326	6.246259062	6.057680428	5.880060712	5.712486559	5.554140977	5.404291340	5.262279078	5.127510791	4.999450576

IV	21%	22%	23%	24%	25%	26%	27%	28%	29%	30%
1	0,826446281	0,819672131	0,813008130	0,806451613	0,800000000	0,793650794	0,787401575	0,781250000	0,775193798	0,769230769
2	1,509459736	1,491534534	1,473990350	1,456815817	1,440000000	1,423532376	1,407402815	1,391601563	1,376119224	1,360946746
3	2,073933666	2,042241421	2,011374268	1,981303078	1,952000000	1,923438394	1,895592768	1,868438721	1,841952887	1,816112881
4	2,540441047	2,493640509	2,448271763	2,404276676	2,361600000	2,320189201	2,279994305	2,240967751	2,203064253	2,166240678
5	2,925984336	2,863639762	2,803472978	2,745384416	2,689280000	2,635070795	2,582672681	2,532006055	2,482995545	2,435569752
6	3,244615154	3,166917837	3,092254453	3,020471303	2,951424000	2,884976821	2,821002111	2,759379731	2,699996547	2,642745963
7	3,507946408	3,415506424	3,327036141	3,242315567	3,161139200	3,083314937	3,008663080	2,937015414	2,868214377	2,802112279
8	3,725575544	3,619267561	3,517915562	3,421222232	3,328911360	3,240726141	3,156427622	3,075793293	2,998615796	2,924701753
9	3,905434334	3,786284886	3,673102083	3,565501800	3,463129088	3,365655667	3,272777655	3,184213510	3,099702168	3,019001349
10	4,054077962	3,923184333	3,799269986	3,681856290	3,570503270	3,464806085	3,364391854	3,268916805	3,178063696	3,091539499
11	4,176923935	4,035396994	3,901845517	3,775690556	3,656402616	3,543496893	3,436529019	3,335091254	3,238809067	3,147338076
12	4,278449533	4,127374585	3,985240258	3,851363352	3,725122093	3,605949915	3,493329936	3,386790042	3,285898501	3,190260059
13	4,362354986	4,202766053	4,053040860	3,912389800	3,780097674	3,655515806	3,538055068	3,427179720	3,322401939	3,223276968
14	4,431698336	4,264562339	4,108163301	3,961604677	3,824078140	3,694853814	3,573271707	3,458734156	3,350699177	3,248674591
15	4,489006889	4,315215032	4,152978293	4,001294095	3,859262512	3,726074456	3,601001344	3,483386060	3,372635021	3,268211224
16	4,536369330	4,356733633	4,189413247	4,033301689	3,887410009	3,750852742	3,622835704	3,502645359	3,389639551	3,283239403
17	4,575511843	4,390765273	4,219035160	4,059114266	3,909928007	3,770518050	3,640028113	3,517691687	3,402821358	3,294799541
18	4,607861027	4,418660060	4,243118016	4,079930859	3,927942406	3,786125436	3,653565444	3,529446630	3,413039812	3,303691954
19	4,634595890	4,441524639	4,262697574	4,096718435	3,942353925	3,798512251	3,664224759	3,538630180	3,420961095	3,310532273
20	4,656690818	4,460266098	4,278615914	4,110256802	3,953883140	3,808343056	3,672617920	3,545804828	3,427101624	3,315794056
21	4,674951090	4,475627949	4,291557654	4,121174841	3,963106512	3,816145283	3,679226709	3,551410022	3,431861724	3,319841581
22	4,690042223	4,488219630	4,302079393	4,129979710	3,970485209	3,822337526	3,684430479	3,555789080	3,435551724	3,322955063
23	4,702514234	4,498540680	4,310633653	4,137080411	3,976388168	3,827252005	3,688527937	3,559210218	3,448412189	3,325350048
24	4,712821681	4,507000558	4,317588336	4,142806783	3,981110534	3,831152385	3,691754281	3,561882983	3,440629604	3,327192345
25	4,721340232	4,513934883	4,323242549	4,147424825	3,984888427	3,834247924	3,694294709	3,563971081	3,442348530	3,328609496
26	4,728380357	4,519618757	4,327839471	4,151149053	3,987910742	3,836704702	3,696295047	3,565602407	3,443681031	3,329699612
27	4,734198642	4,524277670	4,331576806	4,154152462	3,990328593	3,838654525	3,697870115	3,566876880	3,444713978	3,330538163
28	4,739007142	4,528096450	4,334615289	4,156574566	3,992262875	3,840202004	3,699110327	3,567872563	3,445514711	3,331183203
29	4,742981109	4,531226599	4,337085601	4,158527876	3,993810300	3,841430162	3,700086872	3,568650440	3,446135435	3,331679387
30	4,746265380	4,533792294	4,339093985	4,160103126	3,995048240	3,842404891	3,700855805	3,569258156	3,446616616	3,332061067
31	4,748979653	4,535895323	4,340726817	4,161373488	3,996038592	3,843178485	3,701461263	3,569732934	3,446989625	3,332354667
32	4,751222853	4,537619117	4,342054323	4,162397975	3,996830873	3,843792448	3,701938003	3,570103855	3,447278779	3,332580513
33	4,753076738	4,539032063	4,343133596	4,163224173	3,997464699	3,844279721	3,702313388	3,570393637	3,447502930	3,332754241
34	4,754608875	4,540190216	4,344011053	4,163890462	3,997971759	3,844666445	3,702608967	3,570620029	3,447676690	3,332887877
35	4,755875103	4,541139521	4,344724434	4,164427792	3,998377407	3,844973369	3,702841706	3,570796897	3,447811387	3,332990675
36	4,756921573	4,541917640	4,345304418	4,164861123	3,998701926	3,845216960	3,703024966	3,570935076	3,447915804	3,333069750
37	4,757786424	4,542555443	4,345775949	4,165210583	3,998961541	3,845410285	3,703169264	3,571043028	3,447996747	3,333130577
38	4,758501177	4,543078232	4,346159308	4,165492405	3,999169233	3,845563719	3,703282885	3,571127366	3,448059494	3,333177367
39	4,759091882	4,543506747	4,346470982	4,165719682	3,999335386	3,845685491	3,703372351	3,571193255	3,448108135	3,333213359
40	4,759580067	4,543857990	4,346724376	4,165902969	3,999468309	3,84582136	3,703442796	3,571244730	3,448145841	3,333241045
41	4,759983527	4,544145893	4,346930387	4,166050782	3,999574647	3,845858838	3,703498264	3,571284945	3,448175071	3,333262343
42	4,760316964	4,544381880	4,347097876	4,166169985	3,999659718	3,845919713	3,703541940	3,571316364	3,448197729	3,333278725
43	4,760592532	4,544575311	4,347234045	4,166266117	3,999727774	3,845968026	3,703576331	3,571340909	3,448215294	3,333291327
44	4,760820275	4,544733862	4,347344752	4,166343643	3,999782219	3,846006370	3,703603410	3,571360085	3,448228910	3,333301021
45	4,761008492	4,544863821	4,347434758	4,166406164	3,999825775	3,846036801	3,703624732	3,571375067	3,448239465	3,333308478
46	4,761164043	4,544970345	4,347507933	4,166456584	3,999860620	3,846060953	3,703641522	3,571386771	3,448247647	3,333314213
47	4,761292597	4,545057660	4,347567425	4,166497245	3,999888496	3,846080122	3,703654741	3,571395915	3,448253990	3,333318626
48	4,761398841	4,545129229	4,347615793	4,166530036	3,999910797	3,846095335	3,703665151	3,571403058	3,448258907	3,333322020
49	4,761486645	4,545187893	4,347655116	4,166556481	3,999928638	3,846107409	3,703673347	3,571408639	3,448262719	3,333324631
50	4,761559211	4,545235978	4,347687086	4,166577807	3,999942910	3,846116991	3,703679801	3,571412999	3,448265673	3,333326639

IV	31%	32%	33%	34%	35%	36%	37%	38%	39%	40%
1	0,763358779	0,757575758	0,751879699	0,746268657	0,740740741	0,735294118	0,729927007	0,724637681	0,719424460	0,714285714
2	1,346075404	1,331496786	1,317202781	1,303185565	1,289437586	1,275951557	1,262720443	1,249737450	1,236996015	1,224489796
3	1,790897255	1,766285444	1,742257730	1,718795198	1,695879693	1,673493792	1,651620762	1,630244529	1,609349651	1,588921283
4	2,130455920	2,095670791	2,061847918	2,028951640	1,996947921	1,965804259	1,935489607	1,905974296	1,877229965	1,849229488
5	2,389661007	2,345205145	2,302141291	2,260411672	2,219961423	2,180738426	2,142693144	2,105778476	2,069949615	2,035163920
6	2,587527486	2,534246322	2,482813001	2,433143039	2,385156610	2,338778254	2,293936601	2,250564113	2,208596845	2,167974228
7	2,738570600	2,677459335	2,618656392	2,562047044	2,507523414	2,454984010	2,404333286	2,355481241	2,308343054	2,262838735
8	2,853870687	2,785954041	2,720794280	2,658244062	2,598165492	2,540429419	2,484914807	2,431508146	2,380102917	2,330599096
9	2,941886021	2,868147001	2,797589684	2,730032882	2,665307772	2,603256926	2,543733436	2,486600106	2,431728717	2,378999354
10	3,009073298	2,930414395	2,855330589	2,783606629	2,715042794	2,649453622	2,586666741	2,526521816	2,468869581	2,413570967
11	3,060361296	2,977586663	2,898744804	2,823587036	2,751883551	2,683421781	2,618004921	2,555450591	2,495589626	2,438264977
12	3,099512440	3,013323229	2,931387071	2,853423161	2,779173001	2,708398368	2,640879504	2,576413472	2,514812681	2,455903555
13	3,129398809	3,040396386	2,955930128	2,875688926	2,799387408	2,726763506	2,657576280	2,591603965	2,528642216	2,468502539
14	3,152212831	3,060906353	2,974383555	2,892305169	2,814361043	2,740267284	2,669763708	2,602611569	2,538591523	2,477501814
15	3,169628116	3,076444207	2,988258312	2,904705350	2,825452624	2,750196532	2,678659641	2,610588093	2,545749297	2,483929867
16	3,182922226	3,088215308	2,998690460	2,913959216	2,833668611	2,757497450	2,685153023	2,616368184	2,550898775	2,488521334
17	3,193070401	3,097132809	3,006534181	2,920865087	2,839754526	2,762865772	2,689892717	2,620556655	2,554603435	2,491800953
18	3,200817100	3,103888492	3,012431715	2,926018722	2,844262612	2,766813068	2,693352348	2,623591779	2,557268658	2,494143538
19	3,206730611	3,109006433	3,016865951	2,929864718	2,847601935	2,769715491	2,695877627	2,625791144	2,559186085	2,495816813
20	3,211244741	3,112883662	3,020199963	2,932734864	2,850075507	2,771849626	2,697720895	2,627384887	2,560565529	2,497012009
21	3,214690642	3,115820956	3,022706739	2,934876764	2,851907783	2,773418842	2,699066347	2,628539773	2,561557934	2,497865721
22	3,217321101	3,118046179	3,024591533	2,936475197	2,853265025	2,774572678	2,700048428	2,629376647	2,562271895	2,498475515
23	3,219329085	3,119731953	3,026008672	2,937668058	2,854270389	2,775421087	2,700765276	2,629983078	2,562785536	2,498911082
24	3,220861897	3,121009056	3,027074189	2,938558252	2,855015103	2,776044917	2,701288523	2,630422520	2,563155062	2,499222201
25	3,222031982	3,121976557	3,027875330	2,939222576	2,855566743	2,776503615	2,701670455	2,630740957	2,563420908	2,499444430
26	3,222925177	3,122709513	3,028477692	2,939718340	2,855975365	2,776840894	2,701949237	2,630971708	2,563612164	2,499603164
27	3,223607006	3,123264783	3,028930595	2,940088314	2,856278048	2,777088892	2,702152728	2,631138919	2,563749758	2,499716546
28	3,224127485	3,123685441	3,029271124	2,940364413	2,856502258	2,777271244	2,702301261	2,631260086	2,563848747	2,499797533
29	3,224524798	3,124004122	3,029527161	2,940570458	2,856668339	2,777405327	2,702409680	2,631347888	2,563919962	2,499855380
30	3,224828090	3,124245547	3,029719670	2,940724222	2,856791362	2,777503917	2,702488817	2,631411513	2,563971196	2,499896700
31	3,225059611	3,124428445	3,029864414	2,940838972	2,856882491	2,777576409	2,702546582	2,631457618	2,564008054	2,499926215
32	3,225236344	3,124567004	3,029973243	2,940924606	2,856949993	2,777629713	2,702588746	2,631491028	2,564034571	2,499947296
33	3,225371255	3,124671972	3,030055070	2,940988512	2,856999995	2,777668906	2,702619523	2,631515238	2,564053649	2,499962354
34	3,225474240	3,124751494	3,030116594	2,941036203	2,857037033	2,777697725	2,702641987	2,631532781	2,564067373	2,499973110
35	3,225552855	3,124811738	3,030162853	2,941071793	2,857064469	2,777718916	2,702658385	2,631545493	2,564077247	2,499980793
36	3,225612867	3,124857377	3,030197634	2,941098353	2,857084792	2,777734497	2,702670354	2,631554705	2,564084350	2,499986281
37	3,225658677	3,124891953	3,030223785	2,941118174	2,857099846	2,777745954	2,702679090	2,631561381	2,564089461	2,499990201
38	3,225693646	3,124918146	3,030243447	2,941132966	2,857110997	2,777754378	2,702685467	2,631566218	2,564093137	2,499993000
39	3,225720341	3,124937989	3,030258231	2,941144004	2,857119257	2,777760572	2,702690122	2,631569723	2,564095782	2,499995000
40	3,225740718	3,124953022	3,030269347	2,941152242	2,857125376	2,777765126	2,702693520	2,631572263	2,564097685	2,499996429
41	3,225756273	3,124964411	3,030277704	2,941158390	2,857129908	2,777768475	2,702696000	2,631574104	2,564099054	2,499997449
42	3,225768148	3,124973038	3,030283988	2,941162977	2,857133265	2,777770938	2,702697810	2,631575437	2,564100039	2,499998178
43	3,225777212	3,124979575	3,030288713	2,941166401	2,857135752	2,777772748	2,702699132	2,631576404	2,564100747	2,499998699
44	3,225784131	3,124984526	3,030292265	2,941168956	2,857137594	2,777774080	2,702700096	2,631577104	2,564101257	2,499999070
45	3,225789413	3,124988277	3,030294936	2,941170863	2,857138959	2,777775059	2,702700800	2,631577612	2,564101624	2,499999336
46	3,225793445	3,124991119	3,030296945	2,941172286	2,857139969	2,777775778	2,702701314	2,631577980	2,564101888	2,499999526
47	3,225796523	3,124993272	3,030298455	2,941173347	2,857140718	2,777776308	2,702701689	2,631578246	2,564102077	2,499999661
48	3,225798873	3,124994903	3,030299590	2,941174140	2,857141273	2,777776697	2,702701963	2,631578439	2,564102214	2,499999758
49	3,225800666	3,124996139	3,030300444	2,941174731	2,857141683	2,777776983	2,702702163	2,631578579	2,564102312	2,499999827
50	3,225802035	3,124997075	3,030301085	2,941175173	2,857141988	2,777777193	2,702702308	2,631578681	2,564102383	2,499999877

V	0.25%	0.5%	0.75%	1%	1.25%	1.5%	1.75%	2%	2.25%	2.5%
1	1.002500000	1.005000000	1.007500000	1.010000000	1.012500000	1.015000000	1.017500000	1.020000000	1.022500000	1.025000000
2	0.501875780	0.503753117	0.505632005	0.507512438	0.509394410	0.511277916	0.513162949	0.515049505	0.516937577	0.518827160
3	0.335001387	0.336672208	0.338345787	0.340022111	0.341701173	0.343382960	0.345067464	0.346754673	0.348444577	0.350137167
4	0.251564451	0.253132793	0.254705012	0.256281094	0.257861023	0.259444786	0.261032367	0.262623753	0.264218928	0.265817878
5	0.201502497	0.203009975	0.204522416	0.206039800	0.207562108	0.209089323	0.210621425	0.212158394	0.213700213	0.215246861
6	0.168128034	0.169595456	0.171068907	0.172548367	0.174033810	0.175525215	0.177022557	0.178525812	0.180034958	0.181549971
7	0.144289281	0.145728536	0.147174879	0.148628283	0.150088721	0.151556165	0.153030586	0.154511956	0.156000247	0.157495430
8	0.126410346	0.127828865	0.129255524	0.130690292	0.132133136	0.133584025	0.135042923	0.136509799	0.137984618	0.139467346
9	0.112504624	0.113907361	0.115319286	0.116740363	0.118170555	0.119609823	0.121058131	0.122515437	0.123981704	0.125456890
10	0.101380150	0.102770573	0.104171229	0.105582077	0.107003074	0.108434178	0.109875344	0.111326528	0.112787683	0.114258763
11	0.092278402	0.093659033	0.095050940	0.096454076	0.097868393	0.099293844	0.100730378	0.102177943	0.103636487	0.105105956
12	0.084693699	0.086066430	0.087451477	0.088848789	0.090258312	0.091679993	0.093113774	0.094559597	0.096017402	0.097487127
13	0.078275953	0.079642239	0.081021880	0.082414820	0.083820999	0.085240357	0.086672830	0.088118353	0.089576856	0.091048271
14	0.072775102	0.074136086	0.075511463	0.076901172	0.078305146	0.079723319	0.081155618	0.082601970	0.084062299	0.085536525
15	0.068007768	0.069364364	0.070736391	0.072123780	0.073526460	0.074944356	0.076377387	0.077825472	0.079288525	0.080766456
16	0.063836415	0.065189367	0.066558785	0.067944597	0.069346722	0.070765078	0.072199576	0.073650126	0.075116630	0.076598989
17	0.060155871	0.061505790	0.062873212	0.064258055	0.065660234	0.067079657	0.068516226	0.069969841	0.071440393	0.072927770
18	0.056884334	0.058231731	0.059597664	0.060982048	0.062384787	0.063805782	0.065244924	0.066702102	0.068177196	0.069670081
19	0.053957224	0.055302527	0.056667402	0.058051754	0.059455480	0.060878470	0.062320607	0.063781766	0.065261815	0.066760615
20	0.051322877	0.052666452	0.054030632	0.055415315	0.056820390	0.058245736	0.059691225	0.061156718	0.062642071	0.064147129
21	0.048939470	0.050281629	0.051645427	0.053030752	0.054437485	0.055865495	0.057314640	0.058784769	0.060275721	0.061787327
22	0.046772783	0.048113797	0.049477482	0.050863718	0.052272377	0.053703315	0.055156378	0.056631401	0.058128206	0.059646606
23	0.044794550	0.046134653	0.047498459	0.048885840	0.050296656	0.051730752	0.053187960	0.054668098	0.056170972	0.057696378
24	0.042981212	0.044320610	0.045684742	0.047073472	0.048486648	0.049924102	0.051385651	0.052871097	0.054380229	0.055912820
25	0.041312983	0.042651857	0.044016496	0.045406753	0.046822467	0.048263454	0.049729516	0.051220438	0.052735989	0.054275921
26	0.039773119	0.041111629	0.042476934	0.043868878	0.045287285	0.046731960	0.048202687	0.049699231	0.051221341	0.052768747
27	0.038347358	0.039685646	0.041051758	0.042445529	0.043866769	0.045315268	0.046790792	0.048293086	0.049821877	0.051376872
28	0.037023474	0.038361666	0.039728712	0.041124436	0.042548633	0.044001076	0.045481514	0.046989672	0.048525251	0.050087933
29	0.035790928	0.037129139	0.038497232	0.039895020	0.041322284	0.042778780	0.044264236	0.045778355	0.047320814	0.048891268
30	0.034640587	0.035978918	0.037348161	0.038748113	0.040178543	0.041639188	0.043129755	0.044649922	0.046199342	0.047777641
31	0.033564494	0.034903039	0.036273523	0.037675731	0.039109416	0.040574295	0.042070055	0.043596347	0.045152798	0.046739002
32	0.032555690	0.033894532	0.035266340	0.036670886	0.038107906	0.039577097	0.041078122	0.042610607	0.044174149	0.045768312
33	0.031608057	0.032947273	0.034320480	0.035727438	0.037167865	0.038641438	0.040147793	0.041686531	0.043257217	0.044859382
34	0.030716198	0.032055856	0.033430531	0.034839969	0.036283869	0.037761886	0.039273630	0.040818673	0.042396548	0.044006751
35	0.029875332	0.031215496	0.032591702	0.034003682	0.035451114	0.036933630	0.038450815	0.040002209	0.041587312	0.043205582
36	0.029081210	0.030421937	0.031799733	0.033214310	0.034665329	0.036152396	0.037675067	0.039232853	0.040825215	0.042451577
37	0.028330041	0.029671386	0.031050823	0.032468049	0.033922703	0.035414367	0.036942567	0.038506779	0.040106429	0.041740899
38	0.027618435	0.028960446	0.030341573	0.031761496	0.033219831	0.034716133	0.036249898	0.037820566	0.039427526	0.041070118
39	0.026943348	0.028286071	0.029668933	0.031091595	0.032553652	0.034054630	0.035593993	0.037171144	0.038785432	0.040436153
40	0.026302041	0.027645519	0.029030156	0.030455598	0.031921414	0.033427102	0.034972091	0.036555748	0.038177378	0.039836233
41	0.025692043	0.027036313	0.028422765	0.029851023	0.031320633	0.032831061	0.034381703	0.035971884	0.037600867	0.039267856
42	0.025111117	0.026456216	0.027844518	0.029275626	0.030749061	0.032264257	0.033820574	0.035417295	0.037053637	0.038728757
43	0.024557235	0.025903197	0.027293380	0.028727371	0.030204659	0.031724649	0.033286660	0.034889933	0.036533640	0.038216883
44	0.024028553	0.025375409	0.026767505	0.028204406	0.029685575	0.031210380	0.032778103	0.034387939	0.036039010	0.037730368
45	0.023523392	0.024871170	0.026265207	0.027705046	0.029190119	0.030719760	0.032293209	0.033909616	0.035568051	0.037267511
46	0.023040216	0.024388944	0.025784949	0.027227750	0.028716750	0.030251246	0.031830434	0.033453416	0.035119210	0.036826757
47	0.022577623	0.023927326	0.025325324	0.026771110	0.028264057	0.029803424	0.031388361	0.033017922	0.034691069	0.036406686
48	0.022134327	0.023485029	0.024885042	0.026333835	0.027830748	0.029375000	0.030965695	0.032601836	0.034282328	0.036005994
49	0.021709145	0.023060869	0.024462919	0.025914739	0.027415635	0.028964784	0.030561244	0.032203964	0.033891791	0.035623485
50	0.021300992	0.022653758	0.024057866	0.025512731	0.027017625	0.028571683	0.030173914	0.031823210	0.033518359	0.035258057

V	2.75%	3%	3.25%	3.5%	3.75%	4%	4.25%	4.5%	4.75%	5%
1	1.027500000	1.030000000	1.032500000	1.035000000	1.037500000	1.040000000	1.042500000	1.045000000	1.047500000	1.050000000
2	0.520718249	0.522610837	0.524504920	0.526400491	0.528297546	0.530196078	0.532096083	0.533997555	0.535900488	0.537804878
3	0.351832433	0.353530363	0.355230949	0.356934181	0.358640047	0.360348539	0.362059647	0.363773360	0.365489669	0.367208565
4	0.267420588	0.269027045	0.270637234	0.272251139	0.273868748	0.275490045	0.277115017	0.278743648	0.280375925	0.282011833
5	0.216798320	0.218354571	0.219915595	0.221481373	0.223051886	0.224627113	0.226207038	0.227791640	0.229380899	0.230974798
6	0.183070826	0.184597500	0.186129969	0.187668209	0.189212195	0.190761903	0.192317308	0.193878388	0.195445116	0.197017468
7	0.158997475	0.160506354	0.162022037	0.163544494	0.165073696	0.166609612	0.168152213	0.169701468	0.171257347	0.172819818
8	0.140957948	0.142456389	0.143962634	0.145476647	0.146998391	0.148527832	0.150064932	0.151609653	0.153161960	0.154721814
9	0.126940955	0.128433857	0.129935555	0.131446005	0.132965166	0.134492993	0.136029442	0.137574470	0.139128031	0.140690080
10	0.115739720	0.117230507	0.118731072	0.120241368	0.121761342	0.123290944	0.124830122	0.126378822	0.127936991	0.129504575
11	0.106586295	0.108077448	0.109579358	0.111091966	0.112615213	0.114149039	0.115693383	0.117248182	0.118813373	0.120388891
12	0.098968710	0.100462085	0.101967188	0.103483949	0.105012301	0.106552173	0.108103493	0.109666189	0.111240186	0.112825410
13	0.092532525	0.094029544	0.095539252	0.097061573	0.098596425	0.100143728	0.101703399	0.103275353	0.104859504	0.106455765
14	0.087024566	0.088526339	0.090041756	0.091570729	0.093113166	0.094668973	0.096238056	0.097820316	0.099415654	0.101023969
15	0.082259173	0.083766580	0.085288580	0.086825069	0.088375945	0.089941100	0.091520425	0.093113808	0.094721134	0.096342288
16	0.078097098	0.079610849	0.081140132	0.082684831	0.084244827	0.085819999	0.087410223	0.089015369	0.090635309	0.092269908
17	0.074431856	0.075952529	0.077489665	0.079043132	0.080612797	0.082198522	0.083800166	0.085417583	0.087050626	0.088699142
18	0.071180626	0.072708696	0.074254150	0.075816841	0.077396619	0.078993328	0.080606809	0.082236898	0.083883426	0.085546222
19	0.068278021	0.069813881	0.071368037	0.072940325	0.074530577	0.076138618	0.077764269	0.079407344	0.081067656	0.082745010
20	0.065671731	0.067215708	0.068778884	0.070361077	0.071962097	0.073581750	0.075219835	0.076876144	0.078550467	0.080242587
21	0.063319408	0.064871776	0.066444237	0.068036587	0.069648616	0.071280105	0.072930833	0.074600567	0.076289072	0.077996107
22	0.061186405	0.062747395	0.064329360	0.065932074	0.067555305	0.069198811	0.070862343	0.072545646	0.074248457	0.075970509
23	0.059244098	0.060813903	0.062405554	0.064018804	0.065653394	0.067309057	0.068985517	0.070682493	0.072399693	0.074136822
24	0.057468633	0.059047416	0.060648906	0.062272830	0.063918903	0.065586831	0.067276311	0.068987030	0.070718669	0.072470901
25	0.055839973	0.057427871	0.059039325	0.060674035	0.062331689	0.064011963	0.065714523	0.067439028	0.069185126	0.070952457
26	0.054341164	0.055938290	0.057559811	0.059205396	0.060874704	0.062567380	0.064283060	0.066021367	0.067781919	0.069564321
27	0.052957759	0.054564210	0.056195881	0.057852410	0.059533426	0.061238541	0.062967356	0.064719462	0.066494439	0.068291860
28	0.051677380	0.053293233	0.054935119	0.056602645	0.058295404	0.060012975	0.061754924	0.063520805	0.065310162	0.067122530
29	0.050489350	0.052114671	0.053766824	0.055445382	0.057149905	0.058879934	0.060634999	0.062414615	0.064218288	0.066045515
30	0.049384420	0.051019259	0.052681717	0.054371332	0.056087624	0.057830099	0.059598246	0.061391543	0.063209454	0.065051435
31	0.048354531	0.049998929	0.051671718	0.053372400	0.055100456	0.056855352	0.058636537	0.060443446	0.062275503	0.064132120
32	0.047392632	0.049046618	0.050729755	0.052441505	0.054181309	0.055948590	0.057742755	0.059563196	0.061409294	0.063280419
33	0.046492526	0.048156122	0.049849614	0.051572422	0.053323947	0.055103566	0.056910644	0.058744528	0.060604553	0.062490044
34	0.045648745	0.047321963	0.049025808	0.050759658	0.052522868	0.054314772	0.056134686	0.057981912	0.059855739	0.061755445
35	0.044856445	0.046539292	0.048253481	0.049998347	0.051773199	0.053577322	0.055409988	0.057270448	0.059157944	0.061071707
36	0.044111321	0.045803794	0.047528313	0.049284163	0.051070605	0.052886878	0.054732201	0.056605780	0.058506804	0.060434457
37	0.043409530	0.045111624	0.046846450	0.048613245	0.050411221	0.052239566	0.054097448	0.055984021	0.057898425	0.059839794
38	0.042747637	0.044459340	0.046204446	0.047982141	0.049791587	0.051631919	0.053502254	0.055401692	0.057329323	0.059284228
39	0.042122558	0.043843852	0.045599204	0.047387751	0.049208598	0.051060827	0.052943503	0.054855671	0.056796369	0.058764624
40	0.041531514	0.043262378	0.045027940	0.046827282	0.048659456	0.050523489	0.052418389	0.054343147	0.056296745	0.058278161
41	0.040972002	0.042712409	0.044488139	0.046298217	0.048141640	0.050017377	0.051924378	0.053861580	0.055827911	0.057822292
42	0.040441752	0.042191673	0.043977525	0.045798276	0.047652864	0.049540201	0.051459178	0.053408676	0.055387565	0.057394713
43	0.039938709	0.041698110	0.043494035	0.045325391	0.047191058	0.049089886	0.051020709	0.052982349	0.054973619	0.056993333
44	0.039461002	0.041229847	0.043035791	0.044877682	0.046754336	0.048664544	0.050607080	0.052580706	0.054584176	0.056616251
45	0.039006927	0.040785176	0.042601083	0.044453433	0.046340982	0.048262456	0.050216568	0.052202018	0.054217507	0.056261735
46	0.038574928	0.040362538	0.042188348	0.044051082	0.045949427	0.047882049	0.049847596	0.051844711	0.053872031	0.055928204
47	0.038163581	0.039960506	0.041796159	0.043669194	0.045578237	0.047521885	0.049498727	0.051507340	0.053546305	0.055614211
48	0.037771581	0.039577774	0.041423203	0.043306458	0.045226095	0.047180648	0.049168638	0.051188582	0.053239002	0.055318431
49	0.037397728	0.039213138	0.041068278	0.042961666	0.044891793	0.046857124	0.048856116	0.050887224	0.052948908	0.055039645
50	0.037040920	0.038865494	0.040730275	0.042633710	0.044574218	0.046550200	0.048560046	0.050602146	0.052674902	0.054776735

V	5.25%	5.5%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%
1	1.052500000	1.055000000	1.057500000	1.060000000	1.062500000	1.065000000	1.067500000	1.070000000	1.072500000	1.075000000
2	0.539710719	0.541618005	0.543526731	0.545436893	0.547348485	0.549261501	0.551175937	0.553091787	0.555009047	0.556927711
3	0.368930036	0.370654075	0.372380670	0.374109813	0.375841493	0.377575702	0.379312429	0.381051666	0.382793402	0.384537628
4	0.283651358	0.285294485	0.286941202	0.288591492	0.290245343	0.291902740	0.293563670	0.295228117	0.296896068	0.298567509
5	0.232573317	0.234176436	0.235784137	0.237396400	0.239013207	0.240634538	0.242260373	0.243890694	0.245525482	0.247164718
6	0.198595420	0.200178948	0.201768025	0.203362628	0.204962732	0.206568312	0.208179343	0.209795800	0.211417658	0.213044891
7	0.174388852	0.175964418	0.177546483	0.179135018	0.180729991	0.182331369	0.183939123	0.185553220	0.187173628	0.188800315
8	0.156289177	0.157864012	0.159446280	0.161035943	0.162632961	0.164237297	0.165848911	0.167467762	0.169093813	0.170727023
9	0.142260571	0.143839458	0.145426695	0.147022235	0.148626030	0.150238033	0.151858196	0.153486470	0.155122808	0.156767159
10	0.131081519	0.132667769	0.134263267	0.135867958	0.137481785	0.139104690	0.140736615	0.142377503	0.144027293	0.145685927
11	0.121974674	0.123570653	0.125176764	0.126792938	0.128419108	0.130055206	0.131701161	0.133356905	0.135022366	0.136697474
12	0.114421784	0.116029231	0.117647673	0.119277029	0.120917221	0.122568166	0.124229783	0.125901989	0.127584700	0.129277831
13	0.108064047	0.109684259	0.111316309	0.112960105	0.114615553	0.116282557	0.117961021	0.119650848	0.121351940	0.123064196
14	0.102645158	0.104279115	0.105925735	0.107584909	0.109256528	0.110940481	0.112636655	0.114344939	0.116065216	0.117797372
15	0.097977149	0.099625598	0.101287511	0.102962764	0.104651231	0.106352783	0.108067291	0.109794625	0.111534651	0.113287236
16	0.093919030	0.095582538	0.097260290	0.098952144	0.100657954	0.102377574	0.104110855	0.105857648	0.107617799	0.109391157
17	0.090362976	0.092041972	0.093735969	0.095444804	0.097168312	0.098906327	0.100658677	0.102425193	0.104205702	0.106000028
18	0.087225112	0.088919916	0.090630454	0.092356541	0.094097989	0.095854610	0.097626212	0.099412602	0.101213583	0.103028958
19	0.084439211	0.086150056	0.087877342	0.089620860	0.091380401	0.093155752	0.094946695	0.096753015	0.098574490	0.100410899
20	0.081952283	0.083679330	0.085423499	0.087184557	0.088962269	0.090756395	0.092566696	0.094392926	0.096234840	0.098092192
21	0.079721425	0.081464775	0.083225902	0.085004547	0.086800466	0.088613334	0.090442943	0.092289002	0.094151237	0.096029374
22	0.077711526	0.079471232	0.081249342	0.083045569	0.084859621	0.086691204	0.088540022	0.090405773	0.092288157	0.094186871
23	0.075893576	0.077669647	0.079464723	0.081278485	0.083110612	0.084960780	0.086828662	0.088713926	0.090616243	0.092535278
24	0.074243392	0.076035804	0.077847791	0.079679005	0.081529093	0.083397698	0.085284461	0.087189021	0.089111015	0.091050079
25	0.072740657	0.074549353	0.076378167	0.078226718	0.080094619	0.081981481	0.083886912	0.085810517	0.087751902	0.089710672
26	0.071368174	0.073193071	0.075038601	0.076904347	0.078789887	0.080694798	0.082618654	0.084561028	0.086521490	0.088499612
27	0.070111288	0.071952282	0.073814392	0.075697166	0.077600148	0.079522878	0.081464894	0.083425734	0.085404936	0.087402037
28	0.068957436	0.070814400	0.072692935	0.074592552	0.076512756	0.078453052	0.080412942	0.082391928	0.084389513	0.086405199
29	0.067895783	0.069768573	0.071663359	0.073579614	0.075516804	0.077474398	0.079451858	0.081448652	0.083464245	0.085498108
30	0.066916934	0.068805390	0.070716239	0.072648911	0.074602837	0.076577442	0.078572155	0.080586404	0.082619619	0.084671236
31	0.066012705	0.067916654	0.069843362	0.071792220	0.073762614	0.075753934	0.077765567	0.079796906	0.081847345	0.083916283
32	0.065175932	0.067095189	0.069037542	0.071002337	0.072988924	0.074996648	0.077024861	0.079072915	0.081140170	0.083225989
33	0.064400318	0.066334687	0.068292457	0.070272935	0.072275426	0.074299237	0.076343678	0.078408065	0.080491720	0.082593973
34	0.063680303	0.065629577	0.067602530	0.069598425	0.071616525	0.073656095	0.075716407	0.077796738	0.079896374	0.082014608
35	0.063010962	0.064974927	0.066962820	0.068973859	0.071007264	0.073062261	0.075138079	0.077233960	0.079349151	0.081482915
36	0.062387915	0.064366349	0.066368931	0.068394835	0.070443237	0.072513320	0.074604277	0.076715310	0.078845631	0.080994468
37	0.061807254	0.063799929	0.065816944	0.067857427	0.069920512	0.072005340	0.074111064	0.076236848	0.078381871	0.080545327
38	0.061265484	0.063272166	0.065303352	0.067358124	0.069435573	0.071534800	0.073654916	0.075795052	0.077954349	0.080131971
39	0.060759464	0.062779914	0.064825004	0.066893772	0.068985265	0.071098542	0.073232677	0.075386762	0.077559907	0.079751244
40	0.060286368	0.062320343	0.064379069	0.066461536	0.068566749	0.070693726	0.072841504	0.075009139	0.077195708	0.079400314
41	0.059843647	0.061890900	0.063962988	0.066058855	0.068177464	0.070317791	0.072478838	0.074659624	0.076859197	0.079076628
42	0.059428990	0.061489273	0.063574448	0.065683415	0.067815094	0.069968423	0.072142365	0.074335907	0.076548066	0.078777886
43	0.059040307	0.061113367	0.063211352	0.065333118	0.067477541	0.069643523	0.071829989	0.074035895	0.076260228	0.078502005
44	0.058675692	0.060761276	0.062871793	0.065006057	0.067162900	0.069341187	0.071539810	0.073757691	0.075993791	0.078247101
45	0.058333412	0.060431265	0.062554037	0.064700496	0.066869436	0.069059684	0.071270098	0.073499571	0.075747036	0.078011463
46	0.058011885	0.060121751	0.062256499	0.064414853	0.066595568	0.068797434	0.071019278	0.073259965	0.075518401	0.077793535
47	0.057709663	0.059831286	0.061977731	0.064147680	0.066339851	0.068552997	0.070785915	0.073037442	0.075306462	0.077591902
48	0.057425419	0.059555854	0.061716408	0.063897655	0.066100964	0.068325055	0.070568695	0.072830695	0.075109918	0.077405272
49	0.057157935	0.059302303	0.061471312	0.063663562	0.065877695	0.068112400	0.070366415	0.072638529	0.074927582	0.077232468
50	0.056906092	0.059061450	0.061241328	0.063444286	0.065668933	0.067913926	0.070177976	0.072459850	0.074758368	0.077072410

V	7.75%	8%	8.25%	8.5%	8.75%	9%	9.25%	9.5%	9.75%	10%
1	1.077500000	1.080000000	1.082500000	1.085000000	1.087500000	1.090000000	1.092500000	1.095000000	1.097500000	1.100000000
2	0.558847774	0.560769231	0.562692077	0.564616307	0.566541916	0.568468900	0.570397252	0.572326969	0.574258045	0.576190476
3	0.386284335	0.388033514	0.389785155	0.391539249	0.393295786	0.395054757	0.396816154	0.398579967	0.400346186	0.402114804
4	0.300242426	0.301920804	0.303602631	0.305287893	0.306976574	0.308668662	0.310364143	0.312063002	0.313765227	0.315470804
5	0.248808382	0.250456455	0.252108918	0.253765752	0.255426938	0.257092457	0.258762290	0.260436417	0.262114821	0.263797481
6	0.214677476	0.216315386	0.217958597	0.219607084	0.221260821	0.222919783	0.224583946	0.226253283	0.227927769	0.229607380
7	0.190433251	0.192072401	0.193717736	0.195369221	0.197026826	0.198690517	0.200360262	0.202036030	0.203717786	0.205405500
8	0.172367352	0.174014761	0.175669208	0.177330653	0.178999057	0.180674378	0.182356575	0.184045608	0.185741436	0.187444018
9	0.158419476	0.160079709	0.161747808	0.163423723	0.165107405	0.166798802	0.168497865	0.170204543	0.171918784	0.173640539
10	0.147353346	0.149029489	0.150714295	0.152407705	0.154109657	0.155820090	0.157538942	0.159266152	0.161001657	0.162745395
11	0.138382156	0.140076342	0.141779958	0.143492932	0.145215189	0.146946657	0.148687260	0.150436926	0.152195578	0.153963142
12	0.130981299	0.132695017	0.134418899	0.136152858	0.137896807	0.139650658	0.141414324	0.143187714	0.144970741	0.146763315
13	0.124787518	0.126521805	0.128266955	0.130022866	0.131789435	0.133566560	0.135354135	0.137152057	0.138960222	0.140778524
14	0.119541290	0.121296853	0.123063942	0.124842438	0.126632222	0.128433173	0.130245170	0.132068092	0.133901817	0.135746223
15	0.115052246	0.116829545	0.118618996	0.120420461	0.122233803	0.124058883	0.125895560	0.127743695	0.129603148	0.131473777
16	0.111177567	0.112976872	0.114788917	0.116613544	0.118450594	0.120299910	0.122161330	0.124034696	0.125919846	0.127816621
17	0.107807997	0.109629431	0.111464153	0.113311983	0.115172742	0.117046248	0.118932322	0.120830782	0.122741447	0.124664134
18	0.104858529	0.106702096	0.108559458	0.110430413	0.112314758	0.114212291	0.116122807	0.118046104	0.119981977	0.121930222
19	0.102262020	0.104127627	0.106007497	0.107901401	0.109809115	0.111730411	0.113665061	0.115612838	0.117573516	0.119546868
20	0.099964731	0.101852209	0.103754374	0.105670974	0.107601759	0.109546475	0.111504871	0.113476695	0.115461697	0.117459625
21	0.097923138	0.099832250	0.101756434	0.103695412	0.105648905	0.107616635	0.109598325	0.111593697	0.113602477	0.115624390
22	0.096101610	0.098032068	0.099977941	0.101938923	0.103914709	0.105904993	0.107909472	0.109927844	0.111959807	0.114005063
23	0.094470698	0.096422169	0.098389356	0.100371926	0.102369544	0.104381880	0.106408602	0.108449382	0.110503894	0.112571813
24	0.093005850	0.094977962	0.096966051	0.098969755	0.100988711	0.103022561	0.105070946	0.107133511	0.109209904	0.111299776
25	0.091686429	0.093678779	0.095687328	0.097715682	0.099751453	0.101806251	0.103875691	0.105959392	0.108059697	0.110168072
26	0.090494967	0.092507127	0.094535667	0.096580165	0.098640201	0.100715360	0.102805228	0.104909399	0.107027468	0.109159039
27	0.089416577	0.091448096	0.093496140	0.095560254	0.097639991	0.099734905	0.101844559	0.103968517	0.106106352	0.108257642
28	0.088438494	0.090488906	0.092555947	0.094639136	0.096737993	0.098852047	0.100980832	0.103123888	0.105280764	0.107451013
29	0.087549713	0.089618535	0.091704057	0.093805766	0.095923154	0.098055723	0.100202979	0.102364439	0.104539626	0.106728075
30	0.086740693	0.088827433	0.090930909	0.093050575	0.095185899	0.097336351	0.099501416	0.101680584	0.103873358	0.106079248
31	0.086003126	0.088107284	0.090228178	0.092365236	0.094517894	0.096685600	0.098867810	0.101063994	0.103273631	0.105496214
32	0.085329743	0.087450813	0.089588588	0.091742466	0.093911859	0.096096186	0.098294883	0.100507395	0.102733182	0.104971717
33	0.084714161	0.086851632	0.089005747	0.091175876	0.093361403	0.095561726	0.097776254	0.100004414	0.102245646	0.104499406
34	0.084150748	0.086304110	0.088474025	0.090659836	0.092860902	0.095076597	0.097306311	0.099549449	0.101805434	0.104073706
35	0.083634523	0.085803265	0.087988440	0.090189368	0.092405384	0.094635837	0.096880100	0.099137558	0.101407618	0.103689705
36	0.083161063	0.085344674	0.087544576	0.089760062	0.091990443	0.094235050	0.096493235	0.098764367	0.101047840	0.103343064
37	0.082726428	0.084924403	0.087138500	0.089367990	0.091612163	0.093870329	0.096141823	0.098426001	0.100722239	0.103029940
38	0.082327099	0.084538936	0.086766706	0.089009656	0.091267055	0.093538198	0.095822402	0.098119009	0.100427386	0.102746925
39	0.081959926	0.084185130	0.086426055	0.088681928	0.090952001	0.093235550	0.095531880	0.097840320	0.100160227	0.102490984
40	0.081622081	0.083860162	0.086113734	0.088382006	0.090664210	0.092959609	0.095267495	0.097587188	0.099918036	0.102259414
41	0.081311018	0.083561494	0.085827215	0.088107370	0.090401177	0.092707885	0.095026776	0.097357160	0.099698378	0.102049803
42	0.081024442	0.083286841	0.085564222	0.087855757	0.090160651	0.092478142	0.094807501	0.097148033	0.099499074	0.101859991
43	0.080760279	0.083034137	0.085322700	0.087625125	0.089940604	0.092268368	0.094607678	0.096957834	0.099318168	0.101688047
44	0.080516654	0.082801516	0.085100793	0.087413630	0.089739209	0.092076749	0.094425510	0.096784785	0.099153905	0.101532237
45	0.080291862	0.082587285	0.084896822	0.087219606	0.089554811	0.091901651	0.094259379	0.096627288	0.099004707	0.101391005
46	0.080084359	0.082389908	0.084709262	0.087041543	0.089385918	0.091741596	0.094107827	0.096483903	0.098869155	0.101262953
47	0.079892738	0.082207992	0.084536732	0.086878073	0.089231176	0.091595245	0.093969532	0.096353328	0.098745967	0.101146822
48	0.079715718	0.082040266	0.084377974	0.086727952	0.089089356	0.091461389	0.093843303	0.096234391	0.098633990	0.101041480
49	0.079552131	0.081885573	0.084231845	0.086590050	0.088959344	0.091338929	0.093728058	0.096126028	0.098532182	0.100945904
50	0.079400910	0.081742858	0.084097301	0.086463340	0.088840127	0.091226868	0.093622818	0.096027280	0.098439601	0.100859174

V	10.5%	11%	11.5%	12%	12.5%	13%	13.5%	14%	14.5%	15%
1	1.105000000	1.110000000	1.115000000	1.120000000	1.125000000	1.130000000	1.135000000	1.140000000	1.145000000	1.150000000
2	0.580059382	0.583933649	0.587813239	0.591698113	0.595588235	0.599483568	0.603384075	0.607289720	0.611200466	0.615116279
3	0.405659195	0.409213070	0.412776355	0.416348981	0.419930876	0.423521970	0.427122195	0.430731480	0.434349759	0.437976962
4	0.318891956	0.322326352	0.325773881	0.329234436	0.332707911	0.336194197	0.339693190	0.343204783	0.346728872	0.350265352
5	0.267175495	0.270570310	0.273981772	0.277409732	0.280854039	0.284314543	0.287791095	0.291283546	0.294791748	0.298315552
6	0.232981875	0.236376564	0.239791245	0.243225718	0.246679781	0.250153232	0.253645870	0.257157496	0.260687908	0.264236907
7	0.208798667	0.212215269	0.215655046	0.219117736	0.222603076	0.226110804	0.229640658	0.233192377	0.236765699	0.240360364
8	0.190869276	0.194321054	0.197799020	0.201302841	0.204832186	0.208386720	0.211966110	0.215570024	0.219198128	0.222850090
9	0.177106383	0.180601664	0.184125971	0.187678889	0.191260004	0.194868902	0.198505167	0.202168384	0.205858138	0.209574015
10	0.166257321	0.169801427	0.173377210	0.176984164	0.180621782	0.184289556	0.187986978	0.191713541	0.195468738	0.199252063
11	0.157524704	0.161121007	0.164751444	0.168415404	0.172112278	0.175841455	0.179602322	0.183394271	0.187216694	0.191068983
12	0.150376746	0.154027286	0.157714215	0.161436808	0.165194339	0.168986085	0.172811321	0.176669327	0.180559384	0.184480776
13	0.144445117	0.148150993	0.151895302	0.155677195	0.159495824	0.163350341	0.167239901	0.171163663	0.175127092	0.179110457
14	0.139466587	0.143228202	0.147030083	0.150871246	0.154750710	0.158667496	0.162620630	0.166609145	0.170632081	0.174688490
15	0.135248002	0.139065240	0.142924361	0.146824240	0.150763751	0.154741780	0.158757216	0.162808963	0.166895933	0.171017053
16	0.131644400	0.135516747	0.139432379	0.143390018	0.147388393	0.151426244	0.155502324	0.159615400	0.163764255	0.167947691
17	0.128544852	0.132471485	0.136442588	0.140456728	0.144512480	0.148608439	0.152743213	0.156915436	0.161123760	0.165366862
18	0.125863018	0.129842870	0.133868167	0.137937311	0.142048726	0.146200855	0.150392165	0.154621152	0.158886340	0.163186287
19	0.123530690	0.127562504	0.131640529	0.135763005	0.139928195	0.144134394	0.148379928	0.152663159	0.156982487	0.161336350
20	0.121493265	0.125575637	0.129704784	0.133878780	0.138095733	0.142353788	0.146651134	0.150986002	0.155356671	0.159761470
21	0.119706522	0.123837930	0.128016484	0.132240092	0.136506706	0.140814328	0.145161010	0.149544861	0.153964046	0.158416791
22	0.118134265	0.122313101	0.126539267	0.130810509	0.135124627	0.139479481	0.143872997	0.148303165	0.152768047	0.157265771
23	0.116746590	0.120971182	0.125243111	0.129559965	0.133919396	0.138319133	0.142756977	0.147230813	0.151738603	0.156278395
24	0.115518581	0.119787211	0.124103021	0.128463442	0.132865988	0.137308261	0.141787950	0.146302841	0.150850810	0.155429830
25	0.114429320	0.118740242	0.123098031	0.127499970	0.131943441	0.136425928	0.140945018	0.145498408	0.150083899	0.154699402
26	0.113461120	0.117812575	0.122210440	0.126651858	0.131134088	0.135654506	0.140210609	0.144800014	0.149420459	0.154069806
27	0.112598936	0.116989164	0.121425212	0.125904094	0.130422954	0.134979073	0.139569865	0.144192884	0.148845816	0.153526481
28	0.111829897	0.116257145	0.120729505	0.125243869	0.129797279	0.134386929	0.139010167	0.143664490	0.148347547	0.153057131
29	0.111142933	0.115605470	0.120112300	0.124660207	0.129246141	0.133867225	0.138520747	0.143204166	0.147915100	0.152651326
30	0.110528482	0.115024598	0.119564096	0.124143658	0.128760156	0.133410650	0.138092387	0.142802794	0.147539473	0.152300198
31	0.109978244	0.114506267	0.119076672	0.123686057	0.128331226	0.133009192	0.137717167	0.142452561	0.147212972	0.151996180
32	0.109484992	0.114043285	0.118642889	0.123280326	0.127952348	0.132655929	0.137388263	0.142146751	0.146928999	0.151732801
33	0.109042409	0.113629379	0.118256526	0.122920310	0.127617440	0.132344868	0.137099778	0.141879576	0.146681882	0.151504516
34	0.108644954	0.113259055	0.117912145	0.122600638	0.127321213	0.132070808	0.136846608	0.141646037	0.146466738	0.151306566
35	0.108287756	0.112927490	0.117604986	0.122316619	0.127059052	0.131829221	0.136624325	0.141441810	0.146279355	0.151134855
36	0.107966519	0.112630441	0.117330865	0.122064141	0.126826925	0.131616163	0.136429078	0.141263148	0.146116093	0.150985857
37	0.107677444	0.112364164	0.117086101	0.121839592	0.126621300	0.131428190	0.136257516	0.141106798	0.145973805	0.150856533
38	0.107417170	0.112125351	0.116867448	0.121639980	0.126439082	0.131262290	0.136106718	0.140969934	0.145849762	0.150744257
39	0.107182709	0.111911071	0.116672041	0.121461967	0.126277550	0.131115824	0.135974132	0.140850096	0.145741600	0.150646761
40	0.106971408	0.111718727	0.116497343	0.121303626	0.126134312	0.130986481	0.135857530	0.140745143	0.145647266	0.150562085
41	0.106780903	0.111546009	0.116341108	0.121162598	0.126007261	0.130872231	0.135754963	0.140653207	0.145564979	0.150488531
42	0.106609083	0.111390863	0.116201342	0.121036958	0.125894542	0.130771290	0.135664723	0.140572660	0.145493188	0.150424629
43	0.106454067	0.111251462	0.116076277	0.120924999	0.125794517	0.130682092	0.135585316	0.140502081	0.145430546	0.150369106
44	0.106314168	0.111126173	0.115964340	0.120825210	0.125705739	0.130603257	0.135515431	0.140440228	0.145375881	0.150320859
45	0.106187880	0.111013542	0.115864132	0.120736252	0.125626930	0.130533571	0.135453918	0.140386016	0.145328173	0.150278930
46	0.106073850	0.110912268	0.115774406	0.120656936	0.125556961	0.130471964	0.135399768	0.140338496	0.145286532	0.150242489
47	0.105970866	0.110821188	0.115694052	0.120586206	0.125494831	0.130417493	0.135352095	0.140296838	0.145250184	0.150210816
48	0.105877841	0.110739262	0.115622081	0.120523125	0.125439657	0.130369326	0.135310119	0.140260317	0.145218453	0.150183284
49	0.105793795	0.110665559	0.115557609	0.120466858	0.125390653	0.130326731	0.135273158	0.140228296	0.145190752	0.150159352
50	0.105717851	0.110599243	0.115499848	0.120416663	0.125347127	0.130289059	0.135240610	0.140200219	0.145166568	0.150138548

V	15.5%	16%	16.5%	17%	17.5%	18%	18.5%	19%	19.5%	20%
1	1.155000000	1.160000000	1.165000000	1.170000000	1.175000000	1.180000000	1.185000000	1.190000000	1.195000000	1.200000000
2	0.619037123	0.622962963	0.626893764	0.630829493	0.634770115	0.638715596	0.642665904	0.646621005	0.650580866	0.654545455
3	0.441613022	0.445257873	0.448911448	0.452573681	0.456244507	0.459923861	0.463611678	0.467307895	0.471012448	0.474725275
4	0.353814119	0.357375069	0.360948102	0.364533114	0.368130004	0.371738671	0.375359015	0.378990938	0.382634339	0.386289121
5	0.301854812	0.305409382	0.308979114	0.312563864	0.316163488	0.319777842	0.323406782	0.327050167	0.330707854	0.334379703
6	0.267804294	0.271389870	0.274993439	0.278614802	0.282253764	0.285910129	0.289583703	0.293274292	0.296981704	0.300705746
7	0.243976109	0.247612677	0.251269808	0.254947243	0.258644725	0.262361999	0.266098810	0.269854902	0.273630025	0.277423926
8	0.226525577	0.230224260	0.233945808	0.237689892	0.241456184	0.245244359	0.249054092	0.252885060	0.256736943	0.260609422
9	0.213315602	0.217082487	0.220874259	0.224690510	0.228530833	0.232394824	0.236282080	0.240192202	0.244124794	0.248079462
10	0.203063012	0.206901083	0.210765777	0.214656597	0.218573048	0.222514641	0.226480889	0.230471309	0.234485423	0.238522757
11	0.194950536	0.198860751	0.202799034	0.206764792	0.210757436	0.214776386	0.218821064	0.222890900	0.226985330	0.231103794
12	0.188432794	0.192414733	0.196425893	0.200465582	0.204533113	0.208627809	0.212748999	0.216896022	0.221068225	0.225264965
13	0.183131834	0.187184110	0.191266477	0.195378139	0.199518307	0.203686207	0.207881074	0.212102153	0.216348705	0.220620001
14	0.178777430	0.182897973	0.187049204	0.191230218	0.195440128	0.199678058	0.203943151	0.208234563	0.212551467	0.216893055
15	0.175171263	0.179357522	0.183574802	0.187822095	0.192098412	0.196402783	0.200734257	0.205091906	0.209474823	0.213882120
16	0.172164531	0.176413616	0.180693813	0.185004010	0.189343121	0.193710084	0.198103863	0.202523448	0.206967858	0.211436135
17	0.169643448	0.173952249	0.178292026	0.182661569	0.187059700	0.191485271	0.195937168	0.200414307	0.204915639	0.209440147
18	0.167519583	0.171884853	0.176280757	0.180705995	0.185159304	0.189639457	0.194145269	0.198675594	0.203229322	0.207805386
19	0.165723232	0.170141656	0.174590191	0.179067452	0.183572100	0.188102839	0.192658423	0.197237650	0.201839363	0.206462453
20	0.164198780	0.168667032	0.173164712	0.177690359	0.182242566	0.186819981	0.191421304	0.196045291	0.200690747	0.205356531
21	0.162901383	0.167416169	0.171959562	0.176530035	0.181126126	0.185746433	0.190389617	0.195054399	0.199739561	0.204443939
22	0.161794542	0.166352635	0.170938398	0.175550249	0.180186682	0.184846258	0.189527608	0.194229430	0.198950491	0.203689619
23	0.160848317	0.165446582	0.170071486	0.174721405	0.179394798	0.184090200	0.188806223	0.193541556	0.198294958	0.203065258
24	0.160037968	0.164673386	0.169334339	0.174019170	0.178726316	0.183454297	0.188201719	0.192967267	0.197749705	0.202547873
25	0.159342934	0.164012615	0.168706672	0.173423428	0.178161307	0.182918826	0.187694592	0.192487299	0.197295726	0.202118729
26	0.158746030	0.163447227	0.168171601	0.172917470	0.177683255	0.182467478	0.187268758	0.192085808	0.196917426	0.201762496
27	0.158232831	0.162962942	0.167715013	0.172487362	0.177278418	0.182086719	0.186910905	0.191749713	0.196601970	0.201466592
28	0.157791176	0.162547753	0.167325065	0.172121440	0.176935327	0.181765285	0.186609982	0.191468188	0.196338766	0.201220668
29	0.157410776	0.162191525	0.166991789	0.171809915	0.176644378	0.181493769	0.186356791	0.191232251	0.196119053	0.201016190
30	0.157082905	0.161885683	0.166706772	0.171544547	0.176397515	0.181264306	0.186143662	0.191034434	0.195935570	0.200846108
31	0.156800134	0.161622951	0.166462897	0.171318385	0.176187961	0.181070299	0.185964185	0.190868517	0.195782291	0.200704594
32	0.156556133	0.161397141	0.166254131	0.171125556	0.176010010	0.180906211	0.185812997	0.190729314	0.195654209	0.200586817
33	0.156345488	0.161202983	0.166075350	0.170961090	0.175858845	0.180767386	0.185685603	0.190612494	0.195547155	0.200488775
34	0.156163569	0.161035980	0.165922196	0.170820770	0.175730398	0.180649904	0.185578233	0.190514436	0.195457661	0.200407147
35	0.156006405	0.160892289	0.165790958	0.170701021	0.175621229	0.180550463	0.185487723	0.190432112	0.195382833	0.200339174
36	0.155870588	0.160768624	0.165678473	0.170598804	0.175528426	0.180466277	0.185411411	0.190362988	0.195320260	0.200282565
37	0.155753188	0.160662168	0.165582042	0.170511537	0.175449522	0.180394994	0.185347062	0.190304939	0.195267928	0.200235415
38	0.155651686	0.160570509	0.165499357	0.170437020	0.175382426	0.180334628	0.185292793	0.190256185	0.195224157	0.200196141
39	0.155563912	0.160491576	0.165428449	0.170373382	0.175325363	0.180283503	0.185247022	0.190215235	0.195187544	0.200163424
40	0.155487997	0.160423593	0.165367632	0.170319028	0.175276828	0.180240199	0.185208414	0.190180837	0.195156916	0.200136168
41	0.155422330	0.160365033	0.165315465	0.170272599	0.175235543	0.180203517	0.185175846	0.190151941	0.195131293	0.200113461
42	0.155365520	0.160314585	0.165270712	0.170232936	0.175200422	0.180172442	0.185148371	0.190127665	0.195109857	0.200094542
43	0.155316368	0.160271120	0.165232317	0.170199051	0.175170543	0.180146116	0.185125192	0.190107270	0.195091922	0.200078778
44	0.155273836	0.160233670	0.165199374	0.170170100	0.175145122	0.180123812	0.185105636	0.190090135	0.195076916	0.200065644
45	0.155237031	0.160201399	0.165171107	0.170145364	0.175123492	0.180104914	0.185089136	0.190075738	0.195064361	0.200054701
46	0.155205180	0.160173589	0.165146851	0.170124227	0.175105089	0.180088903	0.185075215	0.190063641	0.195053856	0.200045582
47	0.155177613	0.160149624	0.165126037	0.170106166	0.175089429	0.180075336	0.185063468	0.190053477	0.195045065	0.200037983
48	0.155153754	0.160128969	0.165108174	0.170090732	0.175076104	0.180063840	0.185053557	0.190044937	0.195037710	0.200031652
49	0.155133103	0.160111168	0.165092845	0.170077542	0.175064765	0.180054098	0.185045194	0.190037761	0.195031556	0.200026376
50	0.155115227	0.160095825	0.165079689	0.170066271	0.175055116	0.180045844	0.185038137	0.190031731	0.195026406	0.200021979

V	21%	22%	23%	24%	25%	26%	27%	28%	29%	30%
1	1,210000000	1,220000000	1,230000000	1,240000000	1,250000000	1,260000000	1,270000000	1,280000000	1,290000000	1,300000000
2	0,662488688	0,670450450	0,678430493	0,686428571	0,694444444	0,702477876	0,710528634	0,718596491	0,726681223	0,734782609
3	0,482175499	0,489658074	0,497172513	0,504718340	0,512295082	0,519902277	0,527539468	0,535206207	0,542902051	0,550626566
4	0,393632437	0,401020114	0,408451388	0,415925509	0,423441734	0,430999334	0,438597587	0,446235784	0,453913225	0,461629223
5	0,341765329	0,349205935	0,356700424	0,364247715	0,371846740	0,379496445	0,387195794	0,394943763	0,402739345	0,410581548
6	0,308202962	0,315764428	0,323388652	0,331074160	0,338819499	0,346623235	0,354483960	0,362400285	0,370370844	0,378394297
7	0,285067069	0,292782351	0,300567820	0,308421552	0,316341653	0,324326259	0,332373541	0,340481700	0,348648974	0,356873637
8	0,268414903	0,276298998	0,284259239	0,292293202	0,300398506	0,308572819	0,316813854	0,325119377	0,333487205	0,341915205
9	0,256053467	0,264111135	0,272249444	0,280465431	0,288756201	0,297118927	0,305550852	0,314049293	0,322611640	0,331235360
10	0,246665212	0,254894982	0,263208459	0,271602127	0,280072562	0,288616441	0,297230538	0,305911732	0,314657004	0,323463440
11	0,239410632	0,247807093	0,256288978	0,264852213	0,273492858	0,282207105	0,290991286	0,299841871	0,308755465	0,317728816
12	0,233729530	0,242284769	0,250925900	0,259648314	0,268447577	0,277319437	0,286259820	0,295264834	0,304330764	0,313454070
13	0,229233981	0,237938536	0,246728329	0,255598254	0,264543429	0,273559206	0,282641163	0,291785107	0,300987062	0,310243274
14	0,225647128	0,234490651	0,243417782	0,252422965	0,261500933	0,270646702	0,279855573	0,289123117	0,298445174	0,307817841
15	0,222766421	0,231738162	0,240791049	0,249919145	0,259116864	0,268378963	0,277700535	0,287076994	0,296504067	0,305977775
16	0,220440605	0,229529754	0,238696911	0,247935830	0,257240681	0,266606041	0,276026870	0,285498501	0,295016619	0,304577241
17	0,218554783	0,227750731	0,237021016	0,246359165	0,255759185	0,265215545	0,274723153	0,284277330	0,293873787	0,303508601
18	0,217020434	0,226312952	0,235675745	0,245102193	0,254586218	0,264122258	0,273705238	0,283330534	0,292993945	0,302691659
19	0,215768542	0,225147912	0,234593232	0,244097810	0,253655562	0,263260965	0,272909023	0,282595227	0,292315514	0,302066229
20	0,214744770	0,224201870	0,233720441	0,243293801	0,252915922	0,262581387	0,272285335	0,282023419	0,291791756	0,301586885
21	0,213905981	0,223432334	0,233015628	0,242649254	0,252327309	0,262044531	0,271796244	0,281578301	0,291387031	0,301219192
22	0,213217697	0,222805496	0,232445733	0,242131940	0,251858387	0,261620015	0,271412368	0,281231529	0,291074063	0,300936962
23	0,212652201	0,222294311	0,231984455	0,241716356	0,251484502	0,261284075	0,271110865	0,280961207	0,290831915	0,300720221
24	0,212187107	0,221877053	0,231610779	0,241382245	0,251186193	0,261018070	0,270873933	0,280750380	0,290644479	0,300553709
25	0,211804265	0,221536204	0,231307864	0,241113472	0,250948055	0,260807339	0,270687663	0,280585891	0,290499347	0,300425749
26	0,211488908	0,221257600	0,231062175	0,240897156	0,250757869	0,260640335	0,270541174	0,280457518	0,290386941	0,300327392
27	0,211228990	0,221029758	0,230862812	0,240722990	0,250605928	0,260507944	0,270425939	0,280357308	0,290299864	0,300251776
28	0,211014664	0,220843352	0,230700981	0,240582716	0,250484508	0,260402968	0,270335273	0,280279069	0,290232399	0,300193637
29	0,210837863	0,220690795	0,230569579	0,240469712	0,250387456	0,260319714	0,270263925	0,280217975	0,290180122	0,300148929
30	0,210691969	0,220565905	0,230462858	0,240378656	0,250309869	0,260253677	0,270207772	0,280170264	0,290139610	0,300114548
31	0,210571549	0,220463641	0,230376166	0,240305275	0,250247833	0,260201290	0,270163573	0,280133001	0,290108213	0,300088106
32	0,210472131	0,220379890	0,230305732	0,240246129	0,250198227	0,260159729	0,270128781	0,280103896	0,290083879	0,300067769
33	0,210390039	0,220311288	0,230248501	0,240198452	0,250158557	0,260126753	0,270101392	0,280081162	0,290065018	0,300052127
34	0,210322242	0,220255089	0,230201993	0,240160016	0,250126829	0,260100587	0,270079830	0,280063404	0,290050399	0,300040096
35	0,210266245	0,220209046	0,230164195	0,240129029	0,250101453	0,260079825	0,270062854	0,280049532	0,290039068	0,300030842
36	0,210219989	0,220171320	0,230133474	0,240104044	0,250081156	0,260063349	0,270049489	0,280038695	0,290030284	0,300023724
37	0,210181776	0,220140406	0,230108503	0,240083900	0,250064921	0,260050274	0,270038966	0,280030230	0,290023475	0,300018249
38	0,210150205	0,220115074	0,230088206	0,240067657	0,250051934	0,260039899	0,270030681	0,280023617	0,290018198	0,300014038
39	0,210124121	0,220094314	0,230071707	0,240054559	0,250041545	0,260031665	0,270024158	0,280018450	0,290014107	0,300010798
40	0,210102569	0,220077300	0,230058295	0,240033997	0,250033235	0,260025130	0,270019022	0,280014414	0,290010935	0,300008306
41	0,210084761	0,220063357	0,230047392	0,240035480	0,250026587	0,260019944	0,270014977	0,280011261	0,290008477	0,300006389
42	0,210070045	0,220051929	0,230038529	0,240028612	0,250021269	0,260015828	0,270011793	0,280008797	0,290006571	0,300004915
43	0,210057885	0,220042563	0,230031323	0,240023074	0,250017015	0,260012562	0,270009286	0,280006873	0,290005094	0,300003781
44	0,210047837	0,220034887	0,230025465	0,240018608	0,250013612	0,260009970	0,270007312	0,280005369	0,290003949	0,300002908
45	0,210039533	0,220028595	0,230020703	0,240015006	0,250010890	0,260007912	0,270005757	0,280004195	0,290003061	0,300002237
46	0,210032671	0,220023438	0,230016832	0,240012101	0,250008712	0,260006280	0,270004533	0,280003277	0,290002373	0,300001721
47	0,210027000	0,220019211	0,230013684	0,240009759	0,250006969	0,260004984	0,270003569	0,280002560	0,290001839	0,300001324
48	0,210022313	0,220015746	0,230011125	0,240007870	0,250005575	0,260003955	0,270002811	0,280002000	0,290001426	0,300001018
49	0,210018441	0,220012907	0,230009045	0,240006347	0,250004460	0,260003139	0,270002213	0,280001563	0,290001105	0,300000783
50	0,210015240	0,220010579	0,230007353	0,240005118	0,250003568	0,260002491	0,270001743	0,280001221	0,290000857	0,300000602

V	31%	32%	33%	34%	35%	36%	37%	38%	39%	40%
1	1,310000000	1,320000000	1,330000000	1,340000000	1,350000000	1,360000000	1,370000000	1,380000000	1,390000000	1,400000000
2	0,742900433	0,751034483	0,759184549	0,767350427	0,775531915	0,783728814	0,791940928	0,800168067	0,808410042	0,816666667
3	0,558379325	0,566159905	0,573967894	0,581802882	0,589664470	0,597552261	0,605465869	0,613404911	0,621369010	0,629357798
4	0,469383098	0,477174184	0,485001824	0,492865370	0,500764186	0,508697647	0,516665135	0,524666047	0,532699786	0,540765766
5	0,418469397	0,426401930	0,434378204	0,442397291	0,450458278	0,458560269	0,466702385	0,474883760	0,483103546	0,491360912
6	0,386469325	0,394594634	0,402768956	0,410991045	0,419259681	0,427573669	0,435931838	0,444333043	0,452776161	0,461260096
7	0,365153997	0,373488399	0,381875225	0,390312895	0,398799865	0,407334629	0,415915716	0,424541696	0,433211172	0,441922787
8	0,350401300	0,358943466	0,367539732	0,376188182	0,384886953	0,393634239	0,402428283	0,411267386	0,420149899	0,429074225
9	0,339917996	0,348657164	0,357450560	0,366295954	0,375191192	0,384134194	0,393122953	0,402155537	0,411230082	0,420344797
10	0,332328229	0,341248665	0,350222144	0,359246163	0,368318320	0,377436311	0,386597927	0,395801055	0,405043672	0,414323844
11	0,326758805	0,335842450	0,344976901	0,354159439	0,363387469	0,372658524	0,381970252	0,391320421	0,400706907	0,410127697
12	0,322631388	0,331859520	0,341135434	0,350456257	0,359819270	0,369221903	0,378661729	0,388136458	0,397643931	0,407182114
13	0,319550195	0,328904483	0,338302990	0,347742759	0,357221011	0,366735141	0,376282708	0,385861425	0,395469155	0,405103898
14	0,317237463	0,326700619	0,336204118	0,345744982	0,355320439	0,364927905	0,374564984	0,384229446	0,393919223	0,403632399
15	0,315494425	0,325050589	0,334643092	0,344268998	0,353925595	0,363610378	0,373321039	0,383055451	0,392811657	0,402587856
16	0,314176700	0,323811619	0,333478901	0,343175702	0,352899417	0,362647661	0,372418254	0,382209204	0,392018692	0,401845058
17	0,313178187	0,322879276	0,332608891	0,342364324	0,352143113	0,361943027	0,371762039	0,381598314	0,391450190	0,401316164
18	0,312420225	0,322176522	0,331957732	0,341761313	0,351584975	0,361426658	0,371284507	0,381156858	0,391042215	0,400939234
19	0,311844093	0,321646166	0,331469815	0,341312687	0,351172679	0,361047914	0,370936718	0,380837601	0,390749233	0,400670432
20	0,311405726	0,321245542	0,331103904	0,340978659	0,350867897	0,360769932	0,370683269	0,380606589	0,390538726	0,400478651
21	0,311071923	0,320942703	0,330829315	0,340729809	0,350642474	0,360565806	0,370498488	0,380439364	0,390387423	0,400341776
22	0,310817593	0,320713659	0,330623157	0,340544337	0,350475680	0,360415861	0,370363727	0,380318278	0,390278644	0,400244066
23	0,310623727	0,320540359	0,330468319	0,340406057	0,350352232	0,360305686	0,370265424	0,380230583	0,390200423	0,400174303
24	0,310475901	0,320409195	0,330351996	0,340302936	0,350260844	0,360224719	0,370193703	0,380167062	0,390144168	0,400124487
25	0,310363151	0,320309900	0,330264589	0,340226020	0,350193181	0,360165207	0,370141369	0,380121044	0,390103707	0,400088911
26	0,310277138	0,320234718	0,330198899	0,340168643	0,350143076	0,360121461	0,370103178	0,380087706	0,390074604	0,400063504
27	0,310211511	0,320177785	0,330149526	0,340125837	0,350105971	0,360089302	0,370075307	0,380063551	0,390053669	0,400045358
28	0,310161433	0,320134667	0,330112413	0,340093900	0,350078491	0,360065659	0,370054966	0,380046049	0,390038609	0,400032397
29	0,310123216	0,320102010	0,330084514	0,340070070	0,350058138	0,360048276	0,370040119	0,380033368	0,390027776	0,400023140
30	0,310094049	0,320077275	0,330063540	0,340052288	0,350043063	0,360035496	0,370029283	0,380024179	0,390019982	0,400016529
31	0,310071788	0,320058538	0,330047772	0,340039019	0,350031898	0,360026099	0,370021374	0,380017521	0,390014375	0,400011806
32	0,310054797	0,320044345	0,330035918	0,340029118	0,350023627	0,360019190	0,370015601	0,380012696	0,390010342	0,400008433
33	0,310041828	0,320033594	0,330027005	0,340021729	0,350017502	0,360014110	0,370011388	0,380009200	0,390007440	0,400006023
34	0,310031929	0,320025449	0,330020304	0,340016216	0,350012964	0,360010375	0,370008312	0,380006667	0,390005353	0,400004302
35	0,310024373	0,320019279	0,330015266	0,340012101	0,350009603	0,360007629	0,370006067	0,380004831	0,390003851	0,400003073
36	0,310018605	0,320014605	0,330011478	0,340009031	0,350007113	0,360005609	0,370004429	0,380003501	0,390002770	0,400002195
37	0,310014202	0,320011064	0,330008630	0,340006739	0,350005269	0,360004124	0,370003233	0,380002537	0,390001993	0,400001568
38	0,310010841	0,320008382	0,330006489	0,340005029	0,350003903	0,360003033	0,370002360	0,380001838	0,390001434	0,400001120
39	0,310008275	0,320006350	0,330004879	0,340003753	0,350002891	0,360002230	0,370001722	0,380001332	0,390001032	0,400000800
40	0,310006317	0,320004811	0,330003668	0,340002801	0,350002142	0,360001640	0,370001257	0,380000965	0,390000742	0,400000571
41	0,310004822	0,320003644	0,330002758	0,340002090	0,350001586	0,360001206	0,370000918	0,380000699	0,390000534	0,400000408
42	0,310003681	0,320002761	0,330002074	0,340001560	0,350001175	0,360000886	0,370000670	0,380000507	0,390000384	0,400000292
43	0,310002810	0,320002092	0,330001559	0,340001164	0,350000870	0,360000652	0,370000489	0,380000367	0,390000276	0,400000208
44	0,310002145	0,320001585	0,330001172	0,340000869	0,350000645	0,360000479	0,370000357	0,380000266	0,390000199	0,400000149
45	0,310001637	0,320001200	0,330000881	0,340000648	0,350000478	0,360000352	0,370000260	0,380000193	0,390000143	0,400000106
46	0,310001250	0,320000909	0,330000663	0,340000484	0,350000354	0,360000259	0,370000190	0,380000140	0,390000103	0,400000076
47	0,310000954	0,320000689	0,330000498	0,340000361	0,350000262	0,360000191	0,370000139	0,380000101	0,390000074	0,400000054
48	0,310000728	0,320000522	0,330000375	0,340000269	0,350000194	0,360000140	0,370000101	0,380000073	0,390000053	0,400000039
49	0,310000556	0,320000395	0,330000282	0,340000201	0,350000144	0,360000103	0,370000074	0,380000053	0,390000038	0,400000028
50	0,310000424	0,320000300	0,330000212	0,340000150	0,350000107	0,360000076	0,370000054	0,380000039	0,390000028	0,400000020