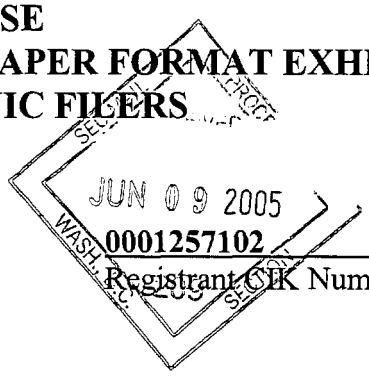
FORM SE
FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS BY ELECTRONIC FILERS



Citigroup Mortgage Loan Trust Inc.
Exact Name of Registrant as Specified in Charter

0001257102
Registrant CIK Number

Form 8-K, June 8, 2005, Series 2005-NC3
Electronic Report, Schedule or Registration Statement of Which the Documents Are a Part (give period of report)

333-~~124036~~ 107958
SEC File Number, if available

Name of Person Filing the Document
(If Other than the Registrant)

PROCESSED
JUN 10 2005
THOMSON
FINANCIAL

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: June 8, 2005

CITIGROUP MORTGAGE LOAN TRUST INC.

By: _____
Name: Matthew R. Bollo
Title: Assistant Vice President

IN ACCORDANCE WITH RULE 202 OF REGULATION S-T, THIS EXHIBIT IS BEING FILED IN PAPER PURSUANT TO A CONTINUING HARDSHIP EXEMPTION.

EXHIBIT INDEX

Exhibit No.	Description	Format
99.1	Computational Materials	P*

*The Computational Materials have been filed on paper pursuant to a continuing hardship exemption from certain electronic filing requirements.

	A	B	C	D
1	**Deerfield Capital - Carr. 05-NC3**			
2	Assumptions			
3	Loss Severity	40		
4	Recovery Lag	6 months		
5	Index	Forward +100		
6				
7				
8	CLASS_NAME	M-3	M-4	M-5
9	BREAKEVEN_RATE	19.2	15.1	13.1

	A	B	C	D
1	**Deerfield Capital - Carr. 05-NC3**			
2	Assumptions			
3	Loss Severity	40		
4	Recovery Lag	6 months		
5	Index	Forward +100		
6				
7				
8	CLASS_NAME	M-3	M-4	M-5
9	BREAKEVEN_RATE	19.2	15.1	13.1
10	Cum Loss	16.7	14.1	12.6

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1							As of date:																					
2		LIBOR	forward	curve as of:	3/28/2005	at 13:00				TSY	forward	curve as of:	3/24/2005															
3							Get LIB fwds							Get TSY fwds															
4		#MONTH	LIB1	LIB3	LIB6	LIB1Y				MONTH	TSY3M	TSY1	TSY10	COFI	PRIM	CD6			PPV1	PPV2	PPV3		DRV1	DRV2			MDR1	
5		0	3.09	3.2972	3.51	3.74824				0	2.87154	3.45139	4.59859	2.65	5.5	1			2	25	30		10	20			0	
6		1	3.28468	3.43777	3.62881	3.81842				1	3.08278	3.55835	4.62202	2.6526	5.85124	1			3.071429	25	40		20	30			0	
7		2	3.42894	3.57499	3.72829	3.88065				2	3.29403	3.66532	4.64544	2.7906	5.97292	1			4.142857	25	50		30	40			0	
8		3	3.56985	3.69529	3.80545	3.93285				3	3.474	3.76571	4.66766	2.99611	6.09456	1			5.214286	25			30				0	
9		4	3.69392	3.78682	3.85906	3.97413				4	3.52889	3.8398	4.68508	3.21446	6.21616	1			6.285714	25			30				0	
10		5	3.78765	3.8467	3.89288	4.00596				5	3.58378	3.9139	4.7025	3.35338	6.33771	1			7.357143	25			30				0	
11		6	3.84273	3.87926	3.91505	4.03145				6	3.63901	3.98409	4.71965	3.46556	6.59493	1			8.428571	25			30				0.083333	
12		7	3.8724	3.89389	3.93559	4.05438				7	3.69559	4.03861	4.73571	3.59527	6.75508	1			9.5	25			30				0.083333	
13		8	3.88467	3.90099	3.95815	4.07651				8	3.75218	4.09314	4.75177	3.67039	6.91515	1			10.57143	25			30				0.083333	
14		9	3.88634	3.91234	3.98335	4.09855				9	3.82348	4.14647	4.76756	3.72027	7.07515	1			11.64286	25			30				0.083333	
15		10	3.89355	3.93839	4.01069	4.12073				10	3.95366	4.19499	4.7823	3.78573	7.23508	1			12.71429	25			30				0.083333	
16		11	3.91851	3.97598	4.03927	4.14262				11	4.08384	4.2435	4.79704	3.82156	7.39492	1			13.78571	25			30				0.083333	
17		12	3.96397	4.01453	4.06707	4.16305				12	4.19424	4.28525	4.81102	3.87113	7.07469	1			14.85714	35			30				0.083333	
18		13	4.00558	4.04261	4.09148	4.18054				13	4.22551	4.29988	4.82196	3.9523	7.1608	1			15.92857	35			30				0.083333	
19		14	4.03339	4.06161	4.11229	4.19528				14	4.25678	4.31451	4.8329	3.97361	7.2469	1			17	35			30				0.083333	
20		15	4.04766	4.07809	4.13029	4.20816				15	4.28563	4.328	4.84372	4.02995	7.33297	1				35			30				0.083333	
21		16	4.06217	4.09833	4.1464	4.22012				16	4.3048	4.33693	4.85402	4.05982	7.41901	1				35			30				0.083333	
22		17	4.08249	4.12052	4.16072	4.23139				17	4.32396	4.34586	4.86431	4.1058	7.50504	1				35			30				0.083333	
23		18	4.10797	4.13967	4.17293	4.2419				18	4.33801	4.35497	4.87455	4.13423	7.30183	1				35			30				0.2	
24		19	4.12829	4.15133	4.18278	4.25154				19	4.33157	4.36476	4.88457	4.1731	7.35746	1				35			30				0.2	
25		20	4.13954	4.15746	4.19085	4.26043				20	4.32514	4.37455	4.89458	4.21758	7.41308	1				35			30				0.2	
26		21	4.14269	4.16248	4.19806	4.26882				21	4.32202	4.3855	4.9047	4.2362	7.4687	1				35			30				0.2	
27		22	4.14657	4.17033	4.20537	4.277				22	4.33212	4.40111	4.91526	4.27318	7.5243	1				35			30				0.2	
28		23	4.15448	4.18015	4.21314	4.28511				23	4.34223	4.41671	4.92582	4.28807	7.57989	1				35			30				0.2	
29		24	4.16607	4.18941	4.22152	4.29325				24	4.35376	4.43273	4.93637	4.30652	7.42912	1				35			30				0.2	
30		25	4.17584	4.19603	4.23053	4.30148				25	4.371	4.45041	4.94694	4.35556	7.46823	1				35			30				0.2	
31		26	4.18207	4.20157	4.23988	4.3099				26	4.38825	4.46809	4.9575	4.339	7.50734	1				35			30				0.2	
32		27	4.18578	4.20889	4.2491	4.31863				27	4.40653	4.48581	4.96802	4.36297	7.54644	1				35			30				0.2	
33		28	4.19236	4.22012	4.2578	4.32777				28	4.42896	4.50363	4.97837	4.36746	7.58553	1				35			30				0.2	
34		29	4.20388	4.23307	4.26591	4.3372				29	4.45139	4.52145	4.98873	4.39248	7.62463	1				35			30				0.2	
35		30	4.21923	4.24399	4.27347	4.34673				30	4.47103	4.5389	4.999	4.39786	7.53004	1				35			30				0.2	
36		31	4.23091	4.24998	4.28056	4.35618				31	4.4795	4.55489	5.00897	4.41362	7.56052	1				35			30				0.2	
37		32	4.23643	4.2531	4.2877	4.36556				32	4.48797	4.57087	5.01894	4.43974	7.59099	1				35			30				0.2	
38		33	4.23704	4.25712	4.29557	4.37497				33	4.49916	4.58761	5.02892	4.44511	7.62147	1				35			30				0.2	
39		34	4.2402	4.26516	4.30476	4.38451				34	4.52124	4.60737	5.03896	4.46975	7.65194	1				35			30				0.2	
40		35	4.24842	4.27617	4.31511	4.39414				35	4.54332	4.62714	5.04899	4.47365	7.6824	1				60			30				0.2	
41		36	4.26101	4.28772	4.32621	4.40375				36	4.56421	4.64602	5.0588	4.48728	7.58995	1				60			30				0.2	
42		37	4.27297	4.29786	4.3376	4.41327				37	4.58034	4.66139	5.06772	4.53064	7.61378	1				60			30				0.2	
43		38	4.28283	4.30733	4.34883	4.42276				38	4.59646	4.67676	5.07664	4.51374	7.63761	1				60			30				0.2	
44		39	4.29119	4.31774	4.35938	4.43236				39	4.61435	4.69207	5.08551	4.53703	7.66144	1				40			30				0.2	
45		40	4.30118	4.33015	4.36886	4.44211				40	4.63928	4.70717	5.0942	4.5405	7.68527	1				40			30				0.2	
46		41	4.31383	4.34288	4.37734	4.45185				41	4.6642	4.72227	5.10289	4.56416	7.70909	1				40			30				0.2	
47		42	4.32816	4.35335	4.38505	4.46132				42	4.68633	4.73659	5.11147	4.56807	7.66563	1				40			30				0.133333	
48		43	4.3391	4.35969	4.39228	4.47034				43	4.69726	4.74778	5.11963	4.58223	7.68633	1				40			30				0.133333	
49		44	4.34502	4.36374	4.39964	4.47919				44	4.7082	4.75896	5.1278	4.60663	7.70703	1				40			30				0.133333	
50		45	4.34703	4.36851	4.40785	4.4883				45	4.72092	4.77018	5.13595	4.61066	7.72773	1				40			30				0.133333	
51		46	4.35115	4.37647	4.41746	4.49802				46	4.7408	4.78151	5.14403	4.63431	7.74842	1				40			30				0.133333	
52		47	4.35922	4.38698	4.42804	4.50819				47	4.76067	4.79285	5.15212	4.63758	7.76912	1				40			30				0.133333	
53		48	4.37075	4.39845	4.43885	4.51851				48	4.77739	4.8028	5.16013	4.64998	7.7113	1				40			30				0.133333	
54		49	4.38244	4.4095	4.44926	4.52872				49	4.78146	4.8072	5.16784	4.69151	7.72879	1				40			30				0.133333	
55		50	4.3934	4.41991	4.45922	4.53879				50	4.78553	4.8116	5.17556	4.67218	7.74629	1				40			30				0.133333	
56		51	4.40364	4.42983	4.46883	4.54875				51	4.79135	4.81602	5.18329	4.69142	7.76378	1				40			30				0.133333	
57		52	4.41346	4.43937	4.47822	4.55866				52	4.80419	4.82051	5.19113	4.68924	7.78127	1				40			30				0.133333	
58		53	4.42292	4.44864	4.48753	4.56853				53	4.81703	4.82501	5.19896	4.70565	7.79876	1				40			30				0.133333	
59		54	4.43206	4.45774	4.4969	4.57839				54	4.82647	4.82883	5.20677	4.70147	7.71982					40			30				0.083333	
60		55	4.44107	4.46677	4.50646	4.58826				55	4.82232	4.83	5.21446	4.70673	7.7338					40			30				0.083333	
61		56	4.45	4.47591	4.51619	4.59815				56	4.81818	4.83116	5.22216	4.72142	7.74779					40			30				0.083333	
62		57	4.45895	4.48535	4.52608	4.60806				57	4.81655	4.83286	5.22993	4.71595	7.76178					40			30				0.083333	
63		58	4.46828	4.49521	4.53605	4.61799				58	4.82496	4.83671	5.23803	4.73034	7.77576					40			30				0.083333	
64		59	4.4781	4.50533	4.54604	4.62789				59	4.83338	4.84056	5.24612	4.72458	7.78975					40			30				0.083333	
65		60	4.48833	4.51543	4.55594	4.63773				60	4.83944	4.84398	5.25401	4.72887	7.7759					40			30				0.083333	
66		61	4.4984	4.52529	4.56568	4.64747				61	4.83609	4.84574	5.26105	4.76323	7.78898					40			30				0.083333	
67		62	4.50817	4.53491	4.57528	4.65711				62	4.83273	4.8475	5.26809	4.73764	7.80205					40			30				0.083333	
68		63	4.51767	4.5444	4.58478	4.66669				63	4.83199	4.8496	5.2752	4.752	7.81512					40			30				0.083333	
69		64	4.52707	4.55381	4.59421	4.67621				64	4.84172	4.85303	5.28257	4.74631	7.8282					40			30				0.083333	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
70		65	4.53641	4.56316	4.60358	4.68569				65	4.85145	4.85647	5.28995	4.76058	7.84127					40			30				0.083333	
71		66	4.54569	4.57246	4.61291	4.69513				66	4.8583	4.8594	5.2973	4.75472	7.81641					40			30				0.05	
72		67	4.55491	4.58169	4.6222	4.70453				67	4.85361	4.86033	5.30456	4.75873	7.82835					40			30				0.05	
73		68	4.56407	4.59087	4.63145	4.7139				68	4.84893	4.86125	5.31182	4.77262	7.84029					40			30				0.05	
74		69	4.57317	4.60002	4.64066	4.72323				69	4.84709	4.86274	5.31915	4.76656	7.85223					40			30				0.05	
75		70	4.58225	4.60914	4.64984	4.73253				70	4.85664	4.86649	5.32681	4.78055	7.86416					40			30				0.05	
76		71	4.59131	4.61824	4.659	4.7418				71	4.86619	4.87025	5.33446	4.77459	7.8761					40			30				0.05	
77		72	4.60034	4.62731	4.66812	4.75104				72	4.8728	4.87385	5.34208	4.77881	7.86123					40			30				0.05	
78		73	4.60934	4.63634	4.6772	4.76023				73	4.86762	4.87686	5.34961	4.8132	7.87243					40			30				0.05	
79		74	4.6183	4.64533	4.68625	4.76939				74	4.86244	4.87988	5.35714	4.78778	7.88363					40			30				0.05	
80		75	4.62722	4.65429	4.69527	4.77851				75	4.86025	4.88341	5.36475	4.80227	7.89484					40			30				0.05	
81		76	4.63611	4.66322	4.70426	4.78759				76	4.86999	4.88902	5.37268	4.79668	7.90604					40			30				0.05	
82		77	4.64496	4.67212	4.71321	4.79662				77	4.87973	4.89463	5.38061	4.811	7.91724					40			30				0.05	
83		78	4.65379	4.68099	4.72213	4.80561				78	4.88659	4.89964	5.38852	4.80523	7.90921					40			30				0.041667	
84		79	4.66259	4.68983	4.73101	4.81455				79	4.8819	4.90224	5.39631	4.80936	7.91992					40			30				0.041667	
85		80	4.67136	4.69863	4.73985	4.82344				80	4.87721	4.90484	5.4041	4.82339	7.93064					40			30				0.041667	
86		81	4.6801	4.70739	4.74864	4.83228				81	4.87573	4.90886	5.41197	4.8177	7.94135					40			30				0.041667	
87		82	4.68879	4.7161	4.75739	4.84106				82	4.88713	4.91855	5.42017	4.83228	7.95207					40			30				0.041667	
88		83	4.69744	4.72477	4.76607	4.84978				83	4.89852	4.92824	5.42838	4.82714	7.96278					40			30				0.041667	
89		84	4.70604	4.73338	4.77471	4.85844				84	4.90697	4.93629	5.43628	4.83239	7.97381					40			30				0.041667	
90		85	4.71458	4.74194	4.78329	4.86704				85	4.90365	4.9378	5.44294	4.86802	7.98453					40			30				0.041667	
91		86	4.72308	4.75045	4.79181	4.87558				86	4.90032	4.9393	5.44959	4.84404	7.99525					40			30				0.041667	
92		87	4.73152	4.7589	4.80027	4.88405				87	4.90033	4.94271	5.45632	4.85996	8.00597					40			30				0.041667	
93		88	4.7399	4.76729	4.80868	4.89244				88	4.91366	4.95376	5.46334	4.85577	8.01669					40			30				0.041667	
94		89	4.74822	4.77562	4.81702	4.90076				89	4.927	4.96481	5.47035	4.87148	8.02741					40			30				0.041667	
95		90	4.75649	4.7839	4.8253	4.909				90	4.93749	4.9748	5.47729	4.86737	8.02458					40			30				0.041667	
96		91	4.7647	4.79211	4.83352	4.91715				91	4.93659	4.98055	5.48394	4.87344	8.03501					40			30				0.041667	
97		92	4.77285	4.80027	4.84166	4.92522				92	4.9357	4.9863	5.49059	4.88968	8.04543					40			30				0.041667	
98		93	4.78094	4.80836	4.84973	4.93321				93	4.9384	4.99338	5.49729	4.8862	8.05585					40			30				0.041667	
99		94	4.78896	4.81637	4.85771	4.94111				94	4.95543	5.00582	5.50419	4.90299	8.06627					40			30				0.041667	
100		95	4.79692	4.82431	4.8656	4.94892				95	4.97247	5.01826	5.51109	4.90006	8.07669					40			30				0.041667	
101		96	4.8048	4.83216	4.8734	4.95665				96	4.98659	5.03106	5.51789	4.90739	8.0739					40			30				0.041667	
102		97	4.81259	4.83991	4.8811	4.96429				97	4.98904	5.04536	5.52429	4.945	8.08405					40			30				0.041667	
103		98	4.82027	4.84757	4.88871	4.97183				98	4.9915	5.05965	5.53069	4.92288	8.09419					40			30				0.041667	
104		99	4.82786	4.85513	4.89624	4.97929				99	4.99765	5.07469	5.53711	4.9411	8.10434					40			30				0.041667	
105		100	4.83536	4.8626	4.90368	4.98665				100	5.01855	5.09267	5.5436	4.93965	8.11449					40			30				0.041667	
106		101	4.84277	4.86998	4.91103	4.99391				101	5.03945	5.11066	5.5501	4.95854	8.12464					40			30				0.041667	
107		102	4.85009	4.87728	4.91831	5.00109				102	5.05757	5.12811	5.55647	4.95757	8.11932					40			30				0	
108		103	4.85733	4.88451	4.92551	5.00817				103	5.06457	5.14345	5.56231	4.96675	8.12916					40			30					
109		104	4.8645	4.89166	4.93262	5.01515				104	5.07157	5.15879	5.56815	4.98606	8.13901					40			30					
110		105	4.87159	4.89873	4.93964	5.02204				105	5.08256	5.17592	5.57398	4.98594	8.14886					40			30					
111		106	4.87861	4.90572	4.94657	5.02883				106	5.10948	5.20022	5.57977	5.00638	8.1587					40			30					
112		107	4.88554	4.91262	4.95339	5.03553				107	5.13639	5.22453	5.58556	5.00739	8.16855					40			30					
113		108	4.8924	4.91942	4.96011	5.04213				108	5.16043	5.24714	5.59088	5.01905	8.16112					40			30					
114		109	4.89914	4.92611	4.96673	5.04864				109	5.17293	5.26295	5.59426	5.06137	8.17065					40			30					
115		110	4.90577	4.93269	4.97324	5.05505				110	5.18544	5.27877	5.59763	5.04435	8.18018					40			30					
116		111	4.9123	4.93917	4.97966	5.06137				111	5.20203	5.29661	5.60096	5.06729	8.18971					40			30					
117		112	4.91872	4.94555	4.98598	5.06759				112	5.23497	5.32259	5.60407	5.07021	8.19924					40			30					
118		113	4.92504	4.95183	4.99222	5.07373				113	5.26791	5.34856	5.60718	5.09309	8.20877					40			30					
119		114	4.93127	4.95803	4.99838	5.07977				114	5.29812	5.3728	5.61005	5.09619	8.19779					40			30					
120		115	4.93741	4.96415	5.00446	5.08572				115	5.31746	5.39012	5.61197	5.10953	8.20696					40			30					
121		116	4.94348	4.97019	5.01045	5.09158				116	5.33679	5.40744	5.61389	5.13309	8.21613					40			30					
122		117	4.94948	4.97615	5.01636	5.09735				117	5.35817	5.42436	5.61569	5.13689	8.2253					40			30					
123		118	4.95539	4.98204	5.02218	5.10303				118	5.38775	5.43971	5.617	5.16093	8.23447					40			30					
124		119	4.96123	4.98784	5.0279	5.10861				119	5.41733	5.45506	5.61831	5.16522	8.24364					40			30					
125		120	4.96698	4.99354	5.03353	5.11409				120	5.441	5.46871	5.61939	5.17908	8.27969					40			30					
126		121	4.97264	4.99914	5.03906	5.11948				121	5.44104	5.47558	5.61956	5.22253	8.28931					40			30					
127		122	4.9782	5.00465	5.0445	5.12477				122	5.44108	5.48244	5.61974	5.20557	8.29892					40			30					
128		123	4.98365	5.01006	5.04984	5.12997				123	5.44469	5.4898	5.61991	5.22757	8.30853					40			30					
129		124	4.98902	5.01538	5.05509	5.13507				124	5.46259	5.49913	5.62005	5.22854	8.31814					40			30					
130		125	4.99429	5.02061	5.06025	5.14008				125	5.48048	5.50845	5.62019	5.24847	8.32776					40			30					
131		126	4.99948	5.02575	5.06531	5.145				126	5.49464	5.51686	5.62018	5.24753	8.31279					40			30					
132		127	5.00457	5.0308	5.07029	5.14982				127	5.49385	5.52156	5.61956	5.2557	8.32201					40			30					
133		128	5.00958	5.03576	5.07517	5.15455				128	5.49307	5.52627	5.61894	5.27299	8.33124					40			30					
134		129	5.0145	5.04062	5.07996	5.15919				129	5.49468	5.53229	5.61831	5.27018	8.34047					40			30					
135		130	5.01932	5.04539	5.08466	5.16374				130	5.50589	5.54358	5.61768	5.28725	8.34969					40			30					
136		131	5.02405	5.05007	5.08927	5.16819				131	5.51709	5.55487	5.61704	5.28422	8.35891					40			30					
137		132	5.02869	5.05467	5.09379	5.17255				132	5.52781	5.56533	5.61594	5.29108	8.34159					40			30					
138		133	5.03324	5.05918	5.09822	5.17683				133	5.53657	5.57247	5.61298	5.32783	8.35042					40			30					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
139		134	5.03772	5.0636	5.10257	5.18101				134	5.54532	5.5796	5.61002	5.30446	8.35924					40			30					
140		135	5.04211	5.06794	5.10682	5.1851				135	5.55407	5.58674	5.60706	5.32116	8.36807					40			30					
141		136	5.04641	5.07218	5.11098	5.18909				136	5.56279	5.59386	5.60408	5.31791	8.37689					40			30					
142		137	5.05062	5.07634	5.11505	5.19299				137	5.57151	5.60098	5.60111	5.33471	8.38572					40			30					
143		138	5.05473	5.0804	5.11904	5.19679				138	5.5798	5.60796	5.59795	5.33111	8.36655					40			30					
144		139	5.05876	5.08437	5.12293	5.2005				139	5.58638	5.61434	5.59407	5.33711	8.37497					40			30					
145		140	5.0627	5.08826	5.12674	5.20412				140	5.59297	5.62073	5.59019	5.35271	8.38339					40			30					
146		141	5.06655	5.09206	5.13046	5.20765				141	5.59955	5.62712	5.58631	5.34814	8.39181					40			30					
147		142	5.07032	5.09578	5.13408	5.21109				142	5.60614	5.6335	5.58243	5.3634	8.40024					40			30					
148		143	5.07401	5.09941	5.13761	5.21445				143	5.61272	5.63989	5.57855	5.35849	8.40866					40			30					
149		144	5.07761	5.10295	5.14104	5.21772				144	5.6192	5.64596	5.57448	5.36348	8.38771					40			30					
150		145	5.08112	5.10638	5.14438	5.2209				145	5.62525	5.65079	5.56965	5.39838	8.39572					40			30					
151		146	5.08452	5.10972	5.14763	5.224				146	5.6313	5.65561	5.56481	5.37317	8.40374					40			30					
152		147	5.08783	5.11296	5.15079	5.22701				147	5.63735	5.66044	5.55998	5.38782	8.41176					40			30					
153		148	5.09104	5.11611	5.15387	5.22994				148	5.64339	5.66526	5.55513	5.38232	8.41978					40			30					
154		149	5.09417	5.11919	5.15688	5.23279				149	5.64943	5.67008	5.55027	5.39666	8.42779					40			30					
155		150	5.09721	5.12219	5.15982	5.23555				150	5.65529	5.67486	5.54523	5.3909	8.40514					40			30					
156		151	5.10019	5.12512	5.16269	5.23823				151	5.66046	5.67946	5.53943	5.39505	8.41275					40			30					
157		152	5.1031	5.12799	5.16548	5.24082				152	5.66562	5.68407	5.53363	5.4091	8.42036					40			30					
158		153	5.10594	5.13079	5.1682	5.24333				153	5.67079	5.68867	5.52782	5.40302	8.42797					40			30					
159		154	5.10871	5.13352	5.17082	5.24575				154	5.67596	5.69328	5.52202	5.41683	8.43559					40			30					
160		155	5.11142	5.13617	5.17336	5.24809				155	5.68112	5.69788	5.51622	5.41052	8.4432					40			30					
161		156	5.11406	5.13873	5.17581	5.25035				156	5.68608	5.70228	5.50998	5.41412	8.41917					40			30					
162		157	5.1166	5.14119	5.17816	5.25252				157	5.69021	5.70582	5.502	5.44762	8.42638					40			30					
163		158	5.11903	5.14355	5.18041	5.25461				158	5.69434	5.70937	5.49402	5.42104	8.43359					40			30					
164		159	5.12137	5.14581	5.18259	5.25662				159	5.69846	5.71291	5.48603	5.43429	8.4408					40			30					
165		160	5.12362	5.14799	5.18468	5.25855				160	5.70257	5.71644	5.47804	5.42737	8.44801					40			30					
166		161	5.12577	5.15009	5.1867	5.2604				161	5.70669	5.71997	5.47004	5.44029	8.45521					40			30					
167		162	5.12785	5.15211	5.18866	5.26217				162	5.71062	5.72331	5.46184	5.43311	8.4298					40			30					
168		163	5.12985	5.15407	5.19054	5.26386				163	5.71385	5.72587	5.45283	5.43581	8.43661					40			30					
169		164	5.1318	5.15597	5.19236	5.26547				164	5.71708	5.72843	5.44382	5.44842	8.44342					40			30					
170		165	5.13367	5.15779	5.1941	5.26701				165	5.72032	5.73099	5.43481	5.44088	8.45023					40			30					
171		166	5.13549	5.15956	5.19576	5.26847				166	5.72355	5.73355	5.4258	5.45321	8.45703					40			30					
172		167	5.13723	5.16125	5.19734	5.26985				167	5.72678	5.73611	5.41679	5.4454	8.46384					40			30					
173		168	5.13892	5.16285	5.19883	5.27116				168	5.72977	5.73827	5.40757	5.4475	8.43721					40			30					
174		169	5.14051	5.16437	5.20024	5.2724				169	5.7318	5.73884	5.39752	5.4795	8.44362					40			30					
175		170	5.14201	5.1658	5.20157	5.27356				170	5.73384	5.73941	5.38746	5.45141	8.45004					40			30					
176		171	5.14343	5.16715	5.20283	5.27465				171	5.73587	5.73998	5.37739	5.46314	8.45645					40			30					
177		172	5.14476	5.16841	5.20401	5.27567				172	5.73788	5.74054	5.36732	5.45471	8.46286					40			30					
178		173	5.14602	5.16961	5.20513	5.27662				173	5.7399	5.7411	5.35724	5.4661	8.46927					40			30					
179		174	5.1472	5.17074	5.20619	5.2775				174	5.74172	5.74161	5.34696	5.45738	8.44138					40			30					
180		175	5.14832	5.17181	5.20719	5.27831				175	5.74272	5.74187	5.33586	5.45854	8.4474					40			30					
181		176	5.14938	5.17283	5.20812	5.27906				176	5.74373	5.74214	5.32476	5.46958	8.45342					40			30					
182		177	5.15039	5.17378	5.20899	5.27973				177	5.74474	5.7424	5.31365	5.46048	8.45944					40			30					
183		178	5.15133	5.17468	5.2098	5.28034				178	5.74575	5.74267	5.30255	5.47123	8.46546					40			30					
184		179	5.15223	5.17551	5.21053	5.28088				179	5.74676	5.74293	5.29145	5.46184	8.47148					40			30					
185		180	5.15306	5.17628	5.21118	5.28136				180	5.7475	5.74293	5.27998	5.46235	8.44245					40			30					
186		181	5.15381	5.17696	5.21177	5.28178				181	5.74719	5.74186	5.26704	5.49274	8.44808					40			30					
187		182	5.15449	5.17757	5.21228	5.28214				182	5.74687	5.7408	5.25409	5.46304	8.45371					40			30					
188		183	5.15509	5.1781	5.21272	5.28244				183	5.74656	5.73973	5.24114	5.47314	8.45935					40			30					
189		184	5.15562	5.17857	5.21311	5.28269				184	5.74622	5.73865	5.22818	5.46307	8.46498					40			30					
190		185	5.15608	5.17897	5.21344	5.28289				185	5.74589	5.73756	5.21522	5.47281	8.47061					40			30					
191		186	5.15648	5.17932	5.21372	5.28304				186	5.74531	5.73622	5.20206	5.46242	8.44026					40			30					
192		187	5.15682	5.17962	5.21395	5.28316				187	5.74375	5.73389	5.18809	5.4619	8.44551					40			30					
193		188	5.15711	5.17986	5.21413	5.28323				188	5.74219	5.73155	5.17413	5.47124	8.45076					40			30					
194		189	5.15735	5.18006	5.21427	5.28325				189	5.74063	5.72922	5.16017	5.46041	8.456					40			30					
195		190	5.15755	5.18022	5.21437	5.28324				190	5.73908	5.72689	5.1462	5.46942	8.46125					40			30					
196		191	5.15771	5.18033	5.21443	5.28319				191	5.73752	5.72455	5.13224	5.45825	8.4665					40			30					
197		192	5.15782	5.18041	5.21446	5.28309				192	5.73554	5.72173	5.11798	5.45695	8.43475					40			30					
198		193	5.1579	5.18045	5.21444	5.28295				193	5.73191	5.71696	5.10252	5.48552	8.43962					40			30					
199		194	5.15794	5.18046	5.2144	5.28277				194	5.72828	5.71219	5.08706	5.45396	8.44448					40			30					
200		195	5.15794	5.18043	5.21431	5.28255				195	5.72464	5.70742	5.0716	5.46217	8.44935					40			30					
201		196	5.15791	5.18037	5.21419	5.28228				196	5.72101	5.70266	5.05614	5.45015	8.45421					40			30					
202		197	5.15785	5.18027	5.21402	5.28196				197	5.71738	5.69789	5.04068	5.4579	8.45908					40			30					
203		198	5.15775	5.18013	5.21381	5.28161				198	5.71374	5.69312	5.02523	5.44548	8.42701					40			30					
204		199	5.15762	5.17995	5.21355	5.2812				199	5.71011	5.68835	5.00977	5.44287	8.4315					40			30					
205		200	5.15744	5.17972	5.21325	5.28075				200	5.70648	5.68358	4.99431	5.45009	8.436					40			30					
206		201	5.15722	5.17944	5.2129	5.28026				201	5.70284	5.67882	4.97885	5.43725	8.44049					40			30					
207		202	5.15694	5.17912	5.21249	5.27973				202	5.69921	5.67405	4.96339	5.44436	8.44499					40			30					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
208		203	5.15662	5.17874	5.21205	5.27916				203	5.69558	5.66928	4.94793	5.43142	8.44948					40			30					
209		204	5.15624	5.17832	5.21156	5.27855				204	5.69133	5.66388	4.93203	5.42841	8.4171					40			30					
210		205	5.15582	5.17785	5.21103	5.2779				205	5.68463	5.65594	4.91437	5.45536	8.42123					40			30					
211		206	5.15536	5.17735	5.21046	5.27722				206	5.67792	5.648	4.8967	5.42224	8.42537					40			30					
212		207	5.15486	5.1768	5.20986	5.2765				207	5.67122	5.64006	4.87903	5.42882	8.4295					40			30					
213		208	5.15432	5.17622	5.20922	5.27575				208	5.66452	5.63212	4.86137	5.41507	8.43364					40			30					
214		209	5.15375	5.17561	5.20855	5.27497				209	5.65782	5.62419	4.8437	5.42102	8.43777					40			30					
215		210	5.15314	5.17496	5.20785	5.27416				210	5.65111	5.61625	4.82604	5.40671	8.40416					40			30					
216		211	5.15249	5.17428	5.20712	5.27333				211	5.64441	5.60831	4.80837	5.40216	8.40793					40			30					
217		212	5.15182	5.17357	5.20635	5.27246				212	5.63771	5.60037	4.7907	5.40736	8.41171					40			30					
218		213	5.15112	5.17284	5.20556	5.27156				213	5.63101	5.59243	4.77304	5.3925	8.41549					40			30					
219		214	5.15039	5.17207	5.20474	5.27064				214	5.6243	5.58449	4.75537	5.39757	8.41927					40			30					
220		215	5.14962	5.17127	5.2039	5.26968				215	5.6176	5.57655	4.73771	5.38259	8.42305					40			30					
221		216	5.14884	5.17045	5.20302	5.2687				216	5.61023	5.56792	4.71973	5.37753	8.38951					40			30					
222		217	5.14802	5.1696	5.20212	5.2677				217	5.60016	5.55648	4.7005	5.40242	8.39294					40			30					
223		218	5.14718	5.16872	5.20119	5.26666				218	5.59009	5.54505	4.68128	5.36725	8.39638					40			30					
224		219	5.14631	5.16782	5.20023	5.2656				219	5.58002	5.53362	4.66206	5.37176	8.39981					40			30					
225		220	5.14541	5.16689	5.19925	5.26451				220	5.56995	5.52219	4.64283	5.35596	8.40325					40			30					
226		221	5.14449	5.16593	5.19824	5.2634				221	5.55988	5.51075	4.62361	5.35986	8.40668					40			30					
227		222	5.14354	5.16495	5.19721	5.26226				222	5.54981	5.49932	4.60438	5.34349	8.37253					40			30					
228		223	5.14256	5.16394	5.19615	5.2611				223	5.53974	5.48789	4.58516	5.33686	8.37563					40			30					
229		224	5.14156	5.1629	5.19506	5.25991				224	5.52967	5.47646	4.56593	5.33996	8.37873					40			30					
230		225	5.14054	5.16184	5.19395	5.25869				225	5.51961	5.46502	4.54671	5.32299	8.38183					40			30					
231		226	5.13949	5.16076	5.19281	5.25745				226	5.50954	5.45359	4.52748	5.32595	8.38492					40			30					
232		227	5.13841	5.15965	5.19165	5.25619				227	5.49947	5.44216	4.50826	5.30883	8.38802					40			30					
233		228	5.13731	5.15851	5.19047	5.2549				228	5.48866	5.43003	4.48896	5.30165	8.35437					40			30					
234		229	5.13619	5.15736	5.18926	5.2536				229	5.47492	5.41512	4.46936	5.32439	8.35715					40			30					
235		230	5.13504	5.15618	5.18803	5.25227				230	5.46117	5.4002	4.44976	5.28707	8.35993					40			30					
236		231	5.13387	5.15497	5.18677	5.25094				231	5.44742	5.38529	4.43015	5.28944	8.3627					40			30					
237		232	5.13268	5.15375	5.18549	5.24959				232	5.43367	5.37038	4.41055	5.27153	8.36548					40			30					
238		233	5.13146	5.1525	5.18419	5.24824				233	5.41993	5.35547	4.39095	5.27332	8.36826					40			30					
239		234	5.13022	5.15122	5.18287	5.24688				234	5.40618	5.34055	4.37135	5.25484	8.33466					40			30					
240		235	5.12895	5.14992	5.18153	5.24553				235	5.39243	5.32564	4.35175	5.24609	8.33713					40			30					
241		236	5.12767	5.1486	5.18018	5.24418				236	5.37868	5.31073	4.33215	5.24707	8.33959					40			30					
242		237	5.12636	5.14727	5.17883	5.24284				237	5.36493	5.29581	4.31254	5.22799	8.34206					40			30					
243		238	5.12503	5.14593	5.17749	5.2415				238	5.35119	5.2809	4.29294	5.22885	8.34453					40			30					
244		239	5.1237	5.14458	5.17616	5.24017				239	5.33744	5.26599	4.27334	5.20963	8.347					40			30					
245		240	5.12236	5.14325	5.17484	5.23885				240	5.32314	5.25062	4.25362	5.20036	8.31571					40			30					
246		241	5.12104	5.14194	5.17354	5.23753				241	5.30666	5.23342	4.23345	5.22102	8.3179					40			30					
247		242	5.11974	5.14065	5.17226	5.23622				242	5.29018	5.21622	4.21327	5.18161	8.32008					40			30					
248		243	5.11847	5.13938	5.17099	5.23492				243	5.27369	5.19902	4.1931	5.18205	8.32227					40			30					
249		244	5.11721	5.13813	5.16973	5.23361				244	5.25721	5.18183	4.17292	5.16233	8.32446					40			30					
250		245	5.11596	5.13688	5.16847	5.23229				245	5.24073	5.16463	4.15274	5.16246	8.32665					40			30					
251		246	5.11473	5.13565	5.16721	5.23097				246	5.22424	5.14743	4.13257	5.14238	8.29802					40			30					
252		247	5.11351	5.13441	5.16594	5.22964				247	5.20776	5.13023	4.11239	5.13211	8.29996					40			30					
253		248	5.11228	5.13317	5.16467	5.2283				248	5.19127	5.11303	4.09222	5.13163	8.30189					40			30					
254		249	5.11105	5.13192	5.1634	5.22695				249	5.17479	5.09584	4.07204	5.1111	8.30383					40			30					
255		250	5.10981	5.13066	5.16211	5.22558				250	5.15831	5.07864	4.05186	5.11051	8.30577					40			30					
256		251	5.10857	5.1294	5.16081	5.2242				251	5.14182	5.06144	4.03169	5.08987	8.30771					40			30					
257		252	5.10732	5.12812	5.15949	5.2228				252	5.12497	5.04389	4.01206	5.07917	8.2815					40			30					
258		253	5.10605	5.12683	5.15816	5.22139				253	5.10664	5.02495	3.99464	5.09842	8.28321					40			30					
259		254	5.10477	5.12553	5.15682	5.21996				254	5.08831	5.00602	3.97723	5.05761	8.28493					40			30					
260		255	5.10348	5.12421	5.15546	5.21852				255	5.06998	4.98708	3.95981	5.0567	8.28664					40			30					
261		256	5.10217	5.12288	5.15409	5.21705				256	5.05165	4.96814	3.94239	5.0357	8.28836					40			30					
262		257	5.10085	5.12153	5.1527	5.21557				257	5.03332	4.9492	3.92497	5.0346	8.29007					40								
263		258	5.09952	5.12016	5.15129	5.21408				258	5.01499	4.93026	3.90755	5.01336	8.2668					40								
264		259	5.09816	5.11878	5.14986	5.21256				259	4.99666	4.91132	3.89013	5.00198	8.26832					40								
265		260	5.09679	5.11739	5.14842	5.21103				260	4.97833	4.89238	3.87271	5.00046	8.26985					40								
266		261	5.09541	5.11597	5.14696	5.20947				261	4.96	4.87345	3.85529	4.9789	8.27137					40								
267		262	5.09401	5.11454	5.14549	5.2079				262	4.94167	4.85451	3.83787	4.9773	8.27289					40								
268		263	5.09259	5.11309	5.14399	5.20632				263	4.92334	4.83557	3.82045	4.95567	8.27442					40								
269		264	5.09115	5.11162	5.14248	5.20471				264	4.9047	4.81634	3.80317	4.944	8.25122					40								
270		265	5.08969	5.11014	5.14095	5.20308				265	4.88481	4.79597	3.78646	4.96229	8.25256					40								
271		266	5.08822	5.10864	5.1394	5.20144				266	4.86492	4.77559	3.76975	4.92055	8.2539					40								
272		267	5.08673	5.10712	5.13784	5.19978				267	4.84504	4.75521	3.75304	4.91867	8.25523					40								
273		268	5.08523	5.10558	5.13625	5.1981				268	4.82515	4.73483	3.73633	4.89665	8.25657					40								
274		269	5.08371	5.10403	5.13465	5.19641				269	4.80526	4.71446	3.71962	4.89449	8.25791					40								
275		270	5.08217	5.10246	5.13303	5.19471				270	4.78537	4.69408	3.70291	4.87222	8.23451					40								
276		271	5.08061	5.10087	5.1314	5.19301				271	4.76548	4.6737	3.6862	4.85983	8.23566					40								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
277		272	5.07903	5.09926	5.12974	5.19131				272	4.74559	4.65333	3.66949	4.85732	8.23682					40								
278		273	5.07744	5.09764	5.12807	5.18961				273	4.7257	4.63295	3.65278	4.83478	8.23797					40								
279		274	5.07583	5.09599	5.12638	5.18793				274	4.70581	4.61257	3.63607	4.83221	8.23912					40								
280		275	5.0742	5.09433	5.12468	5.18627				275	4.68592	4.5922	3.61936	4.80961	8.24028					40								
281		276	5.07255	5.09265	5.12299	5.18463				276	4.66579	4.5716	3.60321	4.79697	8.2198					40								
282		277	5.07088	5.09096	5.12131	5.18301				277	4.64468	4.55013	3.58929	4.81431	8.2208					40								
283		278	5.0692	5.08927	5.11965	5.18142				278	4.62356	4.52866	3.57538	4.77161	8.2218					40								
284		279	5.06752	5.08761	5.11802	5.17985				279	4.60245	4.50719	3.56146	4.76891	8.2228					40								
285		280	5.06587	5.08598	5.11644	5.17831				280	4.58134	4.48572	3.54754	4.74621	8.2238					40								
286		281	5.06425	5.08439	5.11489	5.1768				281	4.56022	4.46425	3.53362	4.74351	8.22479					40								
287		282	5.06267	5.08284	5.11338	5.17531				282	4.53911	4.44277	3.51971	4.72072	8.20813					40								
288		283	5.06114	5.08134	5.11191	5.17384				283	4.51799	4.4213	3.50579	4.70784	8.209					40								
289		284	5.05965	5.07988	5.11046	5.17238				284	4.49688	4.39983	3.49187	4.70487	8.20987					40								
290		285	5.05821	5.07845	5.10904	5.17093				285	4.47577	4.37836	3.47795	4.68188	8.21075					40								
291		286	5.05679	5.07704	5.10762	5.16948				286	4.45465	4.35689	3.46404	4.67887	8.21162					40								
292		287	5.05539	5.07564	5.10622	5.16804				287	4.43354	4.33542	3.45012	4.65584	8.21249					40								
293		288	5.05401	5.07426	5.10482	5.16659				288	4.41225	4.31381	3.43653	4.64278	8.2009					40								
294		289	5.05264	5.07288	5.10343	5.16514				289	4.39026	4.29162	3.42424	4.6597	8.20168					40								
295		290	5.05128	5.07151	5.10203	5.16368				290	4.36826	4.26944	3.41196	4.6166	8.20247					40								
296		291	5.04991	5.07013	5.10063	5.16222				291	4.34627	4.24725	3.39967	4.61358	8.20326					40								
297		292	5.04855	5.06875	5.09922	5.16075				292	4.32428	4.22506	3.38738	4.59061	8.20404					40								
298		293	5.04718	5.06736	5.0978	5.15926				293	4.30228	4.20288	3.3751	4.58772	8.20483					40								
299		294	5.04581	5.06597	5.09638	5.15777				294	4.28029	4.18069	3.36281	4.56477	8.20014					40								
300		295	5.04443	5.06457	5.09495	5.15626				295	4.2583	4.15851	3.35053	4.55175	8.20089					40								
301		296	5.04304	5.06317	5.09351	5.15475				296	4.2363	4.13632	3.33824	4.54867	8.20164					40								
302		297	5.04165	5.06175	5.09205	5.15322				297	4.21431	4.11414	3.32595	4.52558	8.20239					40								
303		298	5.04024	5.06032	5.09059	5.15168				298	4.19232	4.09195	3.31367	4.52246	8.20314					40								
304		299	5.03883	5.05888	5.08911	5.15012				299	4.17032	4.06977	3.30138	4.49933	8.20389					40								
305		300	5.0374	5.05743	5.08762	5.14855				300	4.14825	4.04752	3.28964	4.48619	8.20076					40								
306		301	5.03596	5.05597	5.08612	5.14697				301	4.12586	4.02503	3.28007	4.50303	8.20148					40								
307		302	5.03451	5.05449	5.08461	5.14537				302	4.10348	4.00254	3.27051	4.45985	8.20221					40								
308		303	5.03305	5.053	5.08308	5.14376				303	4.08109	3.98004	3.26094	4.45667	8.20293					40								
309		304	5.03157	5.0515	5.08154	5.14214				304	4.0587	3.95755	3.25137	4.43351	8.20366					40								
310		305	5.03008	5.04998	5.07998	5.1405				305	4.03632	3.93506	3.24181	4.43035	8.20438					40								
311		306	5.02858	5.04845	5.07841	5.13885				306	4.01393	3.91256	3.23224	4.40716	8.20337					40								
312		307	5.02706	5.04691	5.07683	5.13718				307	3.99154	3.89007	3.22267	4.39395	8.20408					40								
313		308	5.02553	5.04535	5.07523	5.1355				308	3.96915	3.86758	3.21311	4.39071	8.20479					40								
314		309	5.02399	5.04378	5.07362	5.13381				309	3.94677	3.84509	3.20354	4.36747	8.20551					40								
315		310	5.02243	5.0422	5.07199	5.13211				310	3.92438	3.82259	3.19397	4.36422	8.20622					40								
316		311	5.02086	5.0406	5.07035	5.13041				311	3.90199	3.8001	3.18441	4.34097	8.20693					40								
317		312	5.01928	5.03899	5.0687	5.12871				312	3.87954	3.77763	3.17528	4.32771	8.20702					40								
318		313	5.01768	5.03736	5.06703	5.12703				313	3.85684	3.75525	3.1679	4.34445	8.20773					40								
319		314	5.01607	5.03572	5.06535	5.12535				314	3.83414	3.73288	3.16052	4.30118	8.20844					40								
320		315	5.01444	5.03406	5.06366	5.12369				315	3.81144	3.7105	3.15314	4.29794	8.20914					40								
321		316	5.01279	5.03239	5.06198	5.12204				316	3.78873	3.68812	3.14576	4.27473	8.20985					40								
322		317	5.01114	5.03072	5.06031	5.12042				317	3.76603	3.66575	3.13838	4.27154	8.21056					40								
323		318	5.00947	5.02905	5.05866	5.11882				318	3.74333	3.64337	3.131	4.24834	8.21214					40								
324		319	5.00781	5.0274	5.05703	5.11724				319	3.72063	3.62099	3.12362	4.23513	8.21286					40								
325		320	5.00617	5.02577	5.05544	5.11569				320	3.69793	3.59862	3.11624	4.23192	8.21357					40								
326		321	5.00455	5.02417	5.05389	5.11415				321	3.67522	3.57624	3.10886	4.2087	8.21429					40								
327		322	5.00297	5.02262	5.05236	5.11264				322	3.65252	3.55386	3.10148	4.20549	8.215					40								
328		323	5.00143	5.02111	5.05087	5.11114				323	3.62982	3.53149	3.0941	4.18228	8.21572					40								
329		324	4.99993	5.01963	5.0494	5.10966				324	3.6074	3.50922	3.08724	4.16907	8.22048					40								
330		325	4.99847	5.01817	5.04795	5.10818				325	3.58613	3.48739	3.08245	4.18586	8.22121					40								
331		326	4.99702	5.01674	5.04651	5.10671				326	3.56486	3.46555	3.07766	4.14265	8.22195					40								
332		327	4.9956	5.01531	5.04507	5.10523				327	3.54358	3.44372	3.07287	4.13964	8.22269					40								
333		328	4.99419	5.0139	5.04365	5.10376				328	3.52231	3.42189	3.06807	4.11682	8.22343					40								
334		329	4.99279	5.01249	5.04222	5.10228				329	3.50104	3.40006	3.06328	4.11421	8.22417					40								
335		330	4.9914	5.01109	5.04079	5.1008				330	3.47977	3.37823	3.05849	4.09171	8.23337					40								
336		331	4.99	5.00968	5.03936	5.09932				331	3.4585	3.35639	3.0537	4.07931	8.23416					40								
337		332	4.98861	5.00827	5.03793	5.09783				332	3.43722	3.33456	3.0489	4.07703	8.23495					40								
338		333	4.98722	5.00686	5.03649	5.09633				333	3.41595	3.31273	3.04411	4.0548	8.23574					40								
339		334	4.98582	5.00545	5.03505	5.09482				334	3.39468	3.2909	3.03932	4.05261	8.23653					40								
340		335	4.98441	5.00402	5.0336	5.0933				335	3.37341	3.26907	3.03453	4.03047	8.23732					40								
341		336	4.983	5.00259	5.03214	5.09177				336	3.35149	3.24743	3.0302	4.01838	8.24971					40								
342		337	4.98158	5.00116	5.03067	5.09024				337	3.32699	3.22657	3.02775	4.03633	8.25057					40								
343		338	4.98016	4.99971	5.02919	5.08869				338	3.30249	3.2057	3.0253	3.99433	8.25143					40								
344		339	4.97873	4.99826	5.0277	5.08713				339	3.27799	3.18484	3.02285	3.9924	8.25228					40								
345		340	4.97729	4.99679	5.02621	5.08556				340	3.25349	3.16398	3.0204	3.97052	8.25314					40								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
346		341	4.97583	4.99532	5.0247	5.08398				341	3.22899	3.14311	3.01795	3.96872	8.254					40								
347		342	4.97437	4.99384	5.02318	5.0824				342	3.20449	3.12225	3.0155	3.94689	8.27089					40								
348		343	4.9729	4.99234	5.02165	5.08081				343	3.17999	3.10139	3.01304	3.93505	8.27184					40								
349		344	4.97142	4.99084	5.02012	5.0792				344	3.15549	3.08052	3.01059	3.93319	8.2728					40								
350		345	4.96993	4.98933	5.01856	5.07756				345	3.131	3.05966	3.00814	3.91142	8.27375					40								
351		346	4.96843	4.98781	5.017	5.07587				346	3.1065	3.0388	3.00569	3.90973	8.2747					40								
352		347	4.96692	4.98627	5.01542	5.0742				347	3.082	3.01793	3.00324	3.88813	8.27565					40								
353		348	4.9654	4.98472	5.01385	5.07262				348	3.0611	3.00124	3.00128	3.87662	8.2878					40								
354	-	349	4.96387	4.98314	5.01228	5.07122				349	3.05459	3.00124	3.00127	3.89519	8.28882					40								
355		350	4.9623	4.98157	5.01069	5.07007				350	3.04808	3.00124	3.00127	3.85385	8.28983					40								
356		351	4.96072	4.98001	5.00903	5.06926				351	3.04157	3.00124	3.00127	3.85363	8.29085					40								
357		352	4.95917	4.97849	5.00731	5.06886				352	3.03506	3.00124	3.00126	3.83451	8.29187					40								
358		353	4.95768	4.97692	5.00562	5.06895				353	3.02855	3.00124	3.00126	3.8365	8.29288					40								
359	-	354	4.95619	4.9752	5.00412	5.06962				354	3.02334	3.00124	3.00126	3.81974	8.29544					40								
360		355	4.9545	4.97332	5.00296	5.07094				355	3.02334	3.00124	3.00126	3.81425	8.29646					40								
361		356	4.95257	4.97157	5.00231	5.07302				356	3.02334	3.00124	3.00126	3.82002	8.29749					40								
362		357	4.95059	4.97032	5.00237	5.07595				357	3.02334	3.00124	3.00126	3.80597	8.29851					40								
363		358	4.94929	4.9699	5.00332	5.07984				358	3.02334	3.00124	3.00126	3.81212	8.29954					40								
364		359	4.94886	4.97037	5.00519	5.0847				359	3.02334	3.00124	3.00126	3.79865	8.30056					40								
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LIBOR forward curve as of: 5/25/2005 at 15:00

Get LIB fwds

#MONTH	LIB1	LIB3	LIB6	LIB1Y
0	3.09	3.2972	3.51	3.74824
1	3.28468	3.43777	3.62881	3.81842
2	3.42894	3.57499	3.72829	3.88065
3	3.56985	3.69529	3.80545	3.93285
4	3.69392	3.78682	3.85906	3.97413
5	3.78765	3.8467	3.89288	4.00596
6	3.84273	3.87926	3.91505	4.03145
7	3.8724	3.89389	3.93559	4.05438
8	3.88467	3.90099	3.95815	4.07651
9	3.88634	3.91234	3.98335	4.09855
10	3.89355	3.93839	4.01069	4.12073
11	3.91851	3.97598	4.03927	4.14262
12	3.96397	4.01453	4.06707	4.16305
13	4.00558	4.04261	4.09148	4.18054
14	4.03339	4.06161	4.11229	4.19528
15	4.04766	4.07809	4.13029	4.20816
16	4.06217	4.09833	4.1464	4.22012
17	4.08249	4.12052	4.16072	4.23139
18	4.10797	4.13967	4.17293	4.2419
19	4.12829	4.15133	4.18278	4.25154
20	4.13954	4.15746	4.19085	4.26043
21	4.14269	4.16248	4.19806	4.26882
22	4.14657	4.17033	4.20537	4.277
23	4.15448	4.18015	4.21314	4.28511
24	4.16607	4.18941	4.22152	4.29325
25	4.17584	4.19603	4.23053	4.30148
26	4.18207	4.20157	4.23988	4.3099
27	4.18578	4.20889	4.2491	4.31863
28	4.19236	4.22012	4.2578	4.32777
29	4.20388	4.23307	4.26591	4.3372
30	4.21923	4.24399	4.27347	4.34673
31	4.23091	4.24998	4.28056	4.35618
32	4.23643	4.2531	4.2877	4.36556
33	4.23704	4.25712	4.29557	4.37497
34	4.2402	4.26516	4.30476	4.38451
35	4.24842	4.27617	4.31511	4.39414
36	4.26101	4.28772	4.32621	4.40375
37	4.27297	4.29786	4.3376	4.41327
38	4.28283	4.30733	4.34883	4.42276
39	4.29119	4.31774	4.35938	4.43236
40	4.30118	4.33015	4.36886	4.44211
41	4.31383	4.34288	4.37734	4.45185
42	4.32816	4.35335	4.38505	4.46132
43	4.3391	4.35969	4.39228	4.47034
44	4.34502	4.36374	4.39964	4.47919

TSY forward curve as of: 2/14/2005

Get TSY fwds

MONTH	TSY3M	TSY1	TSY10	COFI	PRIM
0	2.63276	3.06435	4.08699	2.65	5.5
1	2.82342	3.15127	4.10878	2.6226	5.76182
2	3.01408	3.23818	4.13056	2.76605	5.81284
3	3.11532	3.30835	4.14955	2.87275	5.86384
4	3.13831	3.36388	4.16609	3.04801	5.91484
5	3.1613	3.41941	4.18263	3.13031	5.96583
6	3.18828	3.46783	4.19901	3.21879	6.12325
7	3.21877	3.51002	4.21527	3.28772	6.20461
8	3.24925	3.55221	4.23153	3.31355	6.28594
9	3.32999	3.59354	4.24755	3.35229	6.36726
10	3.45471	3.63411	4.26335	3.37476	6.44856
11	3.57944	3.67469	4.27916	3.41577	6.52983
12	3.65061	3.69804	4.29305	3.43802	6.48268
13	3.67493	3.70632	4.30527	3.46939	6.5442
14	3.69925	3.7146	4.3175	3.52839	6.60572
15	3.7155	3.72022	4.32952	3.52861	6.66722
16	3.72468	3.7235	4.34137	3.56852	6.72871
17	3.73386	3.72679	4.35322	3.5907	6.79019
18	3.72926	3.73247	4.36512	3.63145	6.66601
19	3.7126	3.74024	4.37707	3.64874	6.70796
20	3.69594	3.74801	4.38902	3.66777	6.74992
21	3.69119	3.76041	4.40146	3.69333	6.79186
22	3.69686	3.77685	4.41433	3.69967	6.8338
23	3.70253	3.7933	4.42719	3.72632	6.87574
24	3.7187	3.80914	4.44017	3.72594	6.75583
25	3.74407	3.82443	4.45326	3.73553	6.78484
26	3.76943	3.83972	4.46635	3.77419	6.81384
27	3.79379	3.85323	4.47923	3.75484	6.84284
28	3.81725	3.86518	4.49194	3.77746	6.87183
29	3.84072	3.87713	4.50465	3.78207	6.90082
30	3.85405	3.88663	4.51718	3.80636	6.83362
31	3.8585	3.89399	4.52956	3.81034	6.85641
32	3.86295	3.90135	4.54193	3.824	6.8792
33	3.86915	3.9095	4.55445	3.84739	6.90199
34	3.87688	3.91833	4.56709	3.85053	6.92478
35	3.88461	3.92716	4.57973	3.87341	6.94757
36	3.89173	3.93804	4.59206	3.87414	6.89594
37	3.89829	3.9507	4.60412	3.88271	6.91471
38	3.90486	3.96337	4.61618	3.91914	6.93347
39	3.91584	3.9771	4.62834	3.89663	6.95224
40	3.93066	3.99178	4.64058	3.9152	6.971
41	3.94549	4.00646	4.65281	3.91483	6.98977
42	3.9567	4.0211	4.66499	3.93465	6.96848
43	3.96474	4.03571	4.67713	3.93466	6.98538
44	3.97278	4.05033	4.68926	3.94486	7.00228

CD6
4
4.38681
4.52492
4.66298
4.80098
4.93893
5.23331
5.41574
5.59807
5.7803
5.96243
6.14447
6.05781
6.19852
6.33917
6.47977
6.6203
6.76078
6.6647
6.7803
6.89586
7.01138
7.12686
7.24231
7.10505
7.20031
7.29555
7.39077
7.48595
7.58111
7.4094
7.48739
7.56536
7.64332
7.72126
7.79918
7.66257
7.72893
7.79527
7.8616
7.92792
7.99422
7.87802
7.93586
7.99368

PPV Schedules

PPV1	PPV2	PPV3
2	1	30
4	2	40
6	3	50
8	4	
10		
12		
14		
16		
18		
20		
22		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
50		45	4.34703	4.36851	4.40785	4.4883				45	3.98632	4.0667	4.70146	3.96645	7.01918	8.0515				
51		46	4.35115	4.37647	4.41746	4.49802				46	4.00468	4.08461	4.71372	3.96942	7.03608	8.10931				
52		47	4.35922	4.38698	4.42804	4.50819				47	4.02303	4.10252	4.72599	3.99379	7.05298	8.16711				
53		48	4.37075	4.39845	4.43885	4.51851				48	4.03822	4.11987	4.73813	3.99609	6.99879	8.06949				
54		49	4.38244	4.4095	4.44926	4.52872				49	4.05063	4.13671	4.75017	4.00633	7.01279	8.12096				
55		50	4.3934	4.41991	4.45922	4.53879				50	4.06305	4.15356	4.7622	4.04449	7.02679	8.17242				
56		51	4.40364	4.42983	4.46883	4.54875				51	4.08185	4.17119	4.77423	4.02336	7.04079	8.22388				
57		52	4.41346	4.43937	4.47822	4.55866				52	4.10625	4.18949	4.78625	4.04294	7.05478	8.27533				
58		53	4.42292	4.44864	4.48753	4.56853				53	4.13064	4.20779	4.79828	4.04321	7.06878	8.32677				
59		54	4.43206	4.45774	4.4969	4.57839				54	4.15249	4.2248	4.81007	4.06438	7.04604	8.23468				
60		55	4.44107	4.46677	4.50646	4.58826				55	4.17211	4.24067	4.82168	4.06645	7.05871	8.28092				
61		56	4.45	4.47591	4.51619	4.59815				56	4.19173	4.25655	4.83328	4.07942	7.07137	8.32715				
62		57	4.45895	4.48535	4.52608	4.60806				57	4.21344	4.27143	4.84474	4.10315	7.08403	8.37337				
63		58	4.46828	4.49521	4.53605	4.61799				58	4.23699	4.28545	4.85609	4.10764	7.09669	8.41959				
64		59	4.4781	4.50533	4.54604	4.62789				59	4.26053	4.29947	4.86743	4.13291	7.10935	8.4658				
65		60	4.48833	4.51543	4.55594	4.63773				60	4.27406	4.31044	4.87799	4.1381	7.15981	8.38821				
66		61	4.4984	4.52529	4.56568	4.64747				61	4.27882	4.31875	4.88786	4.15322	7.17371	8.43038				
67		62	4.50817	4.53491	4.57528	4.65711				62	4.28359	4.32706	4.89773	4.19827	7.1876	8.47254				
68		63	4.51767	4.5444	4.58478	4.66669				63	4.29324	4.33599	4.90768	4.1826	7.2015	8.51469				
69		64	4.52707	4.55381	4.59421	4.67621				64	4.30718	4.34546	4.91771	4.20622	7.21539	8.55684				
70		65	4.53641	4.56316	4.60358	4.68569				65	4.32112	4.35493	4.92773	4.20913	7.22929	8.59898				
71		66	4.54569	4.57246	4.61291	4.69513				66	4.32966	4.36345	4.93767	4.23141	7.2497	8.50155				
72		67	4.55491	4.58169	4.6222	4.70453				67	4.33345	4.37113	4.94752	4.23306	7.26378	8.53954				
73		68	4.56407	4.59087	4.63145	4.7139				68	4.33725	4.37882	4.95738	4.24408	7.27787	8.57753				
74		69	4.57317	4.60002	4.64066	4.72323				69	4.34641	4.38755	4.96733	4.26503	7.29196	8.61551				
75		70	4.58225	4.60914	4.64984	4.73253				70	4.36025	4.3972	4.97738	4.26591	7.30604	8.65348				
76		71	4.59131	4.61824	4.659	4.7418				71	4.3741	4.40684	4.98742	4.28672	7.32013	8.69146				
77		72	4.60034	4.62731	4.66812	4.75104				72	4.38232	4.416	4.99737	4.28753	7.33708	8.59985				
78		73	4.60934	4.63634	4.6772	4.76023				73	4.38561	4.42472	5.00723	4.29834	7.35125	8.63428				
79		74	4.6183	4.64533	4.68625	4.76939				74	4.3889	4.43345	5.01709	4.33915	7.36541	8.66871				
80		75	4.62722	4.65429	4.69527	4.77851				75	4.39785	4.44312	5.02705	4.31977	7.37957	8.70314				
81		76	4.63611	4.66322	4.70426	4.78759				76	4.41175	4.4536	5.03711	4.34022	7.39373	8.73756				
82		77	4.64496	4.67212	4.71321	4.79662				77	4.42565	4.46409	5.04716	4.34049	7.40789	8.77198				
83		78	4.65379	4.68099	4.72213	4.80561				78	4.43393	4.47336	5.05711	4.36055	7.41978	8.686				
84		79	4.66259	4.68983	4.73101	4.81455				79	4.43729	4.48156	5.06696	4.3604	7.43388	8.71738				
85		80	4.67136	4.69863	4.73985	4.82344				80	4.44065	4.48976	5.07681	4.37004	7.44798	8.74876				
86		81	4.6801	4.70739	4.74864	4.83228				81	4.45015	4.50073	5.08678	4.38973	7.46208	8.78013				
87		82	4.68879	4.7161	4.75739	4.84106				82	4.46504	4.51412	5.09684	4.38946	7.47618	8.81151				
88		83	4.69744	4.72477	4.76607	4.84978				83	4.47993	4.52751	5.1069	4.40923	7.49028	8.84288				
89		84	4.70604	4.73338	4.77471	4.85844				84	4.48897	4.53758	5.11605	4.40918	7.51068	8.79984				
90		85	4.71458	4.74194	4.78329	4.86704				85	4.49289	4.54476	5.1244	4.41929	7.52493	8.82947				
91		86	4.72308	4.75045	4.79181	4.87558				86	4.49681	4.55194	5.13276	4.45957	7.53917	8.85909				
92		87	4.73152	4.7589	4.80027	4.88405				87	4.50715	4.56272	5.14119	4.43968	7.55342	8.8887				
93		88	4.7399	4.76729	4.80868	4.89244				88	4.5231	4.57665	5.1497	4.45962	7.56766	8.91832				
94		89	4.74822	4.77562	4.81702	4.90076				89	4.53906	4.59059	5.15821	4.45938	7.5819	8.94793				
95		90	4.75649	4.7839	4.8253	4.909				90	4.54923	4.60226	5.16652	4.47917	7.58128	8.87301				
96		91	4.7647	4.79211	4.83352	4.91715				91	4.55434	4.61195	5.17465	4.47899	7.5952	8.90033				
97		92	4.77285	4.80027	4.84166	4.92522				92	4.55946	4.62163	5.18278	4.48884	7.60911	8.92765				
98		93	4.78094	4.80836	4.84973	4.93321				93	4.57152	4.63378	5.19096	4.50878	7.62303	8.95497				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
99		94	4.78896	4.81637	4.85771	4.94111				94	4.58967	4.64808	5.19918	4.50881	7.63694	8.98229				
100		95	4.79692	4.82431	4.8656	4.94892				95	4.60781	4.66237	5.2074	4.52895	7.65086	9.0096				
101		96	4.8048	4.83216	4.8734	4.95665				96	4.61992	4.67691	5.21537	4.52918	7.64568	8.93954				
102		97	4.81259	4.83991	4.8811	4.96429				97	4.62674	4.69166	5.22312	4.53951	7.6592	8.96485				
103		98	4.82027	4.84757	4.88871	4.97183				98	4.63356	4.70642	5.23087	4.57994	7.67272	8.99016				
104		99	4.82786	4.85513	4.89624	4.97929				99	4.64758	4.72252	5.23862	4.56052	7.68624	9.01547				
105		100	4.83536	4.8626	4.90368	4.98665				100	4.6679	4.73979	5.24636	4.58126	7.69975	9.04078				
106		101	4.84277	4.86998	4.91103	4.99391				101	4.68823	4.75707	5.25411	4.58216	7.71327	9.06609				
107		102	4.85009	4.87728	4.91831	5.00109				102	4.70264	4.77313	5.26155	4.60306	7.70404	9.0012				
108		103	4.85733	4.88451	4.92551	5.00817				103	4.71187	4.78814	5.26872	4.60396	7.71712	9.02476				
109		104	4.8645	4.89166	4.93262	5.01515				104	4.7211	4.80314	5.2759	4.61488	7.7302	9.04832				
110		105	4.87159	4.89873	4.93964	5.02204				105	4.73815	4.82171	5.28303	4.6361	7.74327	9.07188				
111		106	4.87861	4.90572	4.94657	5.02883				106	4.76202	4.84341	5.29011	4.63761	7.75635	9.09543				
112		107	4.88554	4.91262	4.95339	5.03553				107	4.78589	4.86511	5.2972	4.65943	7.76942	9.11899				
113		108	4.8924	4.91942	4.96011	5.04213				108	4.80353	4.88311	5.30293	4.66165	7.75755	9.05885				
114		109	4.89914	4.92611	4.96673	5.04864				109	4.81571	4.89789	5.30748	4.67426	7.77017	9.08088				
115		110	4.90577	4.93269	4.97324	5.05505				110	4.82789	4.91267	5.31203	4.71728	7.78278	9.1029				
116		111	4.9123	4.93917	4.97966	5.06137				111	4.84812	4.9315	5.31645	4.70021	7.7954	9.12492				
117		112	4.91872	4.94555	4.98598	5.06759				112	4.87542	4.95388	5.32075	4.72306	7.80802	9.14694				
118		113	4.92504	4.95183	4.99222	5.07373				113	4.90271	4.97627	5.32505	4.72583	7.82063	9.16895				
119		114	4.93127	4.95803	4.99838	5.07977				114	4.92393	4.99515	5.32886	4.7487	7.80632	9.11266				
120		115	4.93741	4.96415	5.00446	5.08572				115	4.93984	5.01098	5.33222	4.75167	7.81846	9.13332				
121		116	4.94348	4.97019	5.01045	5.09158				116	4.95575	5.02681	5.33558	4.76474	7.83061	9.15398				
122		117	4.94948	4.97615	5.01636	5.09735				117	4.9768	5.04262	5.3387	4.78793	7.84276	9.17464				
123		118	4.95539	4.98204	5.02218	5.10303				118	5.00235	5.05841	5.34161	4.79124	7.85491	9.19529				
124		119	4.96123	4.98784	5.0279	5.10861				119	5.0279	5.0742	5.34452	4.81466	7.86705	9.21595				
125		120	4.96698	4.99354	5.03353	5.11409				120	5.04235	5.08686	5.34694	4.81781	7.89929	9.21448				
126		121	4.97264	4.99914	5.03906	5.11948				121	5.04708	5.09678	5.34891	4.83071	7.91176	9.23477				
127		122	4.9782	5.00465	5.0445	5.12477				122	5.05182	5.1067	5.35088	4.87334	7.92424	9.25506				
128		123	4.98365	5.01006	5.04984	5.12997				123	5.06403	5.11763	5.35278	4.85537	7.93671	9.27534				
129		124	4.98902	5.01538	5.05509	5.13507				124	5.08279	5.12945	5.35461	4.8768	7.94919	9.29563				
130		125	4.99429	5.02061	5.06025	5.14008				125	5.10154	5.14127	5.35644	4.87764	7.96166	9.31591				
131		126	4.99948	5.02575	5.06531	5.145				126	5.11238	5.15111	5.35788	4.89789	7.94542	9.26614				
132		127	5.00457	5.0308	5.07029	5.14982				127	5.11629	5.15922	5.35896	4.89757	7.95745	9.28532				
133		128	5.00958	5.03576	5.07517	5.15455				128	5.1202	5.16734	5.36005	4.90667	7.96947	9.30451				
134		129	5.0145	5.04062	5.07996	5.15919				129	5.12915	5.17827	5.36106	4.92568	7.98149	9.32369				
135		130	5.01932	5.04539	5.08466	5.16374				130	5.1425	5.19167	5.36201	4.9246	7.99351	9.34287				
136		131	5.02405	5.05007	5.08927	5.16819				131	5.15586	5.20506	5.36296	4.94344	8.00553	9.36205				
137		132	5.02869	5.05467	5.09379	5.17255				132	5.16812	5.21661	5.36247	4.94219	7.98726	9.31293				
138		133	5.03324	5.05918	5.09822	5.17683				133	5.17943	5.22653	5.36072	4.95087	7.99883	9.33109				
139		134	5.03772	5.0636	5.10257	5.18101				134	5.19074	5.23646	5.35896	4.98947	8.0104	9.34924				
140		135	5.04211	5.06794	5.10682	5.1851				135	5.20203	5.24638	5.3572	4.9681	8.02196	9.3674				
141		136	5.04641	5.07218	5.11098	5.18909				136	5.21331	5.25629	5.35542	4.98677	8.03353	9.38555				
142		137	5.05062	5.07634	5.11505	5.19299				137	5.22459	5.2662	5.35365	4.98547	8.04509	9.4037				
143		138	5.05473	5.0804	5.11904	5.19679				138	5.23487	5.2757	5.35133	5.00384	8.02468	9.3545				
144		139	5.05876	5.08437	5.12293	5.2005				139	5.24429	5.28484	5.34851	5.00189	8.03579	9.37168				
145		140	5.0627	5.08826	5.12674	5.20412				140	5.2537	5.29398	5.3457	5.00962	8.04689	9.38887				
146		141	5.06655	5.09206	5.13046	5.20765				141	5.26312	5.30312	5.34289	5.02716	8.058	9.40605				
147		142	5.07032	5.09578	5.13408	5.21109				142	5.27253	5.31227	5.34008	5.02453	8.0691	9.42323				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
148		143	5.07401	5.09941	5.13761	5.21445				143	5.28195	5.32141	5.33726	5.04171	8.0802	9.44042				
149		144	5.07761	5.10295	5.14104	5.21772				144	5.29103	5.32967	5.33386	5.03881	8.05653	9.39021				
150		145	5.08112	5.10638	5.14438	5.2209				145	5.29983	5.33717	5.32994	5.04581	8.06716	9.40647				
151		146	5.08452	5.10972	5.14763	5.224				146	5.30863	5.34466	5.32602	5.08272	8.07778	9.42272				
152		147	5.08783	5.11296	5.15079	5.22701				147	5.31742	5.35216	5.32209	5.05944	8.0884	9.43897				
153		148	5.09104	5.11611	5.15387	5.22994				148	5.32621	5.35965	5.31816	5.07595	8.09903	9.45523				
154		149	5.09417	5.11919	5.15688	5.23279				149	5.33499	5.36714	5.31422	5.07227	8.10965	9.47148				
155		150	5.09721	5.12219	5.15982	5.23555				150	5.34328	5.3745	5.30969	5.08848	8.08189	9.41961				
156		151	5.10019	5.12512	5.16269	5.23823				151	5.35113	5.38175	5.30463	5.0846	8.092	9.43496				
157		152	5.1031	5.12799	5.16548	5.24082				152	5.35899	5.38899	5.29958	5.09062	8.10212	9.45032				
158		153	5.10594	5.13079	5.1682	5.24333				153	5.36684	5.39623	5.29452	5.10646	8.11224	9.46567				
159		154	5.10871	5.13352	5.17082	5.24575				154	5.3747	5.40348	5.28947	5.10212	8.12235	9.48102				
160		155	5.11142	5.13617	5.17336	5.24809				155	5.38255	5.41072	5.28441	5.1176	8.13247	9.49637				
161		156	5.11406	5.13873	5.17581	5.25035				156	5.38983	5.41737	5.278	5.11299	8.10058	9.44286				
162		157	5.1166	5.14119	5.17816	5.25252				157	5.3966	5.42349	5.27039	5.11829	8.11016	9.45734				
163		158	5.11903	5.14355	5.18041	5.25461				158	5.40337	5.42962	5.26278	5.15349	8.11974	9.47181				
164		159	5.12137	5.14581	5.18259	5.25662				159	5.41013	5.43574	5.25516	5.12845	8.12932	9.48629				
165		160	5.12362	5.14799	5.18468	5.25855				160	5.41689	5.44184	5.24754	5.14319	8.1389	9.50076				
166		161	5.12577	5.15009	5.1867	5.2604				161	5.42364	5.44795	5.23991	5.1377	8.14848	9.51524				
167		162	5.12785	5.15211	5.18866	5.26217				162	5.42985	5.45347	5.23164	5.15209	8.11202	9.45956				
168		163	5.12985	5.15407	5.19054	5.26386				163	5.43559	5.45848	5.22282	5.14637	8.12104	9.47318				
169		164	5.1318	5.15597	5.19236	5.26547				164	5.44134	5.46349	5.21399	5.15053	8.13006	9.48679				
170		165	5.13367	5.15779	5.1941	5.26701				165	5.44708	5.4685	5.20517	5.16449	8.13907	9.50041				
171		166	5.13549	5.15956	5.19576	5.26847				166	5.45282	5.4735	5.19635	5.15824	8.14809	9.51402				
172		167	5.13723	5.16125	5.19734	5.26985				167	5.45856	5.47851	5.18752	5.17177	8.1571	9.52764				
173		168	5.13892	5.16285	5.19883	5.27116				168	5.46361	5.48232	5.17803	5.1652	8.11648	9.46983				
174		169	5.14051	5.16437	5.20024	5.2724				169	5.46807	5.48507	5.16796	5.16852	8.12491	9.4826				
175		170	5.14201	5.1658	5.20157	5.27356				170	5.47252	5.48782	5.1579	5.20174	8.13334	9.49537				
176		171	5.14343	5.16715	5.20283	5.27465				171	5.47697	5.49057	5.14782	5.17472	8.14177	9.50814				
177		172	5.14476	5.16841	5.20401	5.27567				172	5.4814	5.49332	5.13773	5.18747	8.1502	9.52091				
178		173	5.14602	5.16961	5.20513	5.27662				173	5.48584	5.49606	5.12764	5.17999	8.15863	9.53368				
179		174	5.1472	5.17074	5.20619	5.2775				174	5.48963	5.49862	5.11689	5.19238	8.11434	9.47339				
180		175	5.14832	5.17181	5.20719	5.27831				175	5.49287	5.501	5.10558	5.18464	8.12217	9.48532				
181		176	5.14938	5.17283	5.20812	5.27906				176	5.4961	5.50337	5.09426	5.18678	8.12999	9.49726				
182		177	5.15039	5.17378	5.20899	5.27973				177	5.49934	5.50575	5.08294	5.19871	8.13782	9.5092				
183		178	5.15133	5.17468	5.2098	5.28034				178	5.50258	5.50813	5.07163	5.19043	8.14565	9.52113				
184		179	5.15223	5.17551	5.21053	5.28088				179	5.50581	5.51051	5.06031	5.20194	8.15347	9.53307				
185		180	5.15306	5.17628	5.21118	5.28136				180	5.50826	5.51209	5.04788	5.19333	8.10666	9.47019				
186		181	5.15381	5.17696	5.21177	5.28178				181	5.51002	5.51297	5.03447	5.1946	8.11389	9.4813				
187		182	5.15449	5.17757	5.21228	5.28214				182	5.51179	5.51385	5.02106	5.22574	8.12111	9.49241				
188		183	5.15509	5.1781	5.21272	5.28244				183	5.51353	5.51471	5.00764	5.19667	8.12834	9.50352				
189		184	5.15562	5.17857	5.21311	5.28269				184	5.51527	5.51556	4.99421	5.20739	8.13556	9.51464				
190		185	5.15608	5.17897	5.21344	5.28289				185	5.51701	5.51642	4.98079	5.1979	8.14279	9.52575				
191		186	5.15648	5.17932	5.21372	5.28304				186	5.51797	5.51646	4.96672	5.20825	8.09452	9.45957				
192		187	5.15682	5.17962	5.21395	5.28316				187	5.51825	5.51581	4.9521	5.19846	8.10115	9.46986				
193		188	5.15711	5.17986	5.21413	5.28323				188	5.51853	5.51516	4.93748	5.19851	8.10778	9.48014				
194		189	5.15735	5.18006	5.21427	5.28325				189	5.51882	5.51451	4.92286	5.20835	8.11441	9.49043				
195		190	5.15755	5.18022	5.21437	5.28324				190	5.5191	5.51385	4.90824	5.19799	8.12104	9.50072				
196		191	5.15771	5.18033	5.21443	5.28319				191	5.51938	5.5132	4.89362	5.20741	8.12767	9.511				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
197		192	5.15782	5.18041	5.21446	5.28309				192	5.51834	5.51099	4.87806	5.19668	8.07867	9.44163				
198		193	5.1579	5.18045	5.21444	5.28295				193	5.51614	5.50743	4.86167	5.19579	8.08473	9.4511				
199		194	5.15794	5.18046	5.2144	5.28277				194	5.51394	5.50386	4.84528	5.22474	8.09078	9.46056				
200		195	5.15794	5.18043	5.21431	5.28255				195	5.51174	5.50029	4.82889	5.19345	8.09684	9.47002				
201		196	5.15791	5.18037	5.21419	5.28228				196	5.50953	5.49672	4.8125	5.20191	8.10289	9.47948				
202		197	5.15785	5.18027	5.21402	5.28196				197	5.50733	5.49315	4.79611	5.19012	8.10895	9.48894				
203		198	5.15775	5.18013	5.21381	5.28161				198	5.50513	5.48959	4.77972	5.19812	8.06079	9.41876				
204		199	5.15762	5.17995	5.21355	5.2812				199	5.50293	5.48602	4.76333	5.1859	8.06631	9.42743				
205		200	5.15744	5.17972	5.21325	5.28075				200	5.50073	5.48245	4.74694	5.18348	8.07182	9.43609				
206		201	5.15722	5.17944	5.2129	5.28026				201	5.49852	5.47888	4.73054	5.19099	8.07733	9.44475				
207		202	5.15694	5.17912	5.21249	5.27973				202	5.49632	5.47531	4.71415	5.17843	8.08284	9.45342				
208		203	5.15662	5.17874	5.21205	5.27916				203	5.49412	5.47174	4.69776	5.18581	8.08835	9.46208				
209		204	5.15624	5.17832	5.21156	5.27855				204	5.48993	5.4661	4.68008	5.17312	8.04205	9.39082				
210		205	5.15582	5.17785	5.21103	5.2779				205	5.484	5.45864	4.66126	5.17037	8.04706	9.3987				
211		206	5.15536	5.17735	5.21046	5.27722				206	5.47807	5.45117	4.64244	5.19755	8.05207	9.40659				
212		207	5.15486	5.1768	5.20986	5.2765				207	5.47215	5.44371	4.62363	5.16441	8.05707	9.41447				
213		208	5.15432	5.17622	5.20922	5.27575				208	5.46622	5.43625	4.60481	5.17096	8.06208	9.42236				
214		209	5.15375	5.17561	5.20855	5.27497				209	5.46029	5.42879	4.58599	5.15719	8.06709	9.43024				
215		210	5.15314	5.17496	5.20785	5.27416				210	5.45436	5.42132	4.56718	5.16311	8.02225	9.35584				
216		211	5.15249	5.17428	5.20712	5.27333				211	5.44843	5.41386	4.54836	5.14874	8.02679	9.36294				
217		212	5.15182	5.17357	5.20635	5.27246				212	5.44251	5.4064	4.52954	5.14406	8.03132	9.37005				
218		213	5.15112	5.17284	5.20556	5.27156				213	5.43658	5.39894	4.51072	5.14931	8.03586	9.37716				
219		214	5.15039	5.17207	5.20474	5.27064				214	5.43065	5.39147	4.49191	5.13448	8.04039	9.38426				
220		215	5.14962	5.17127	5.2039	5.26968				215	5.42472	5.38401	4.47309	5.13957	8.04492	9.39137				
221		216	5.14884	5.17045	5.20302	5.2687				216	5.41656	5.37421	4.45333	5.12458	8.00265	9.31656				
222		217	5.14802	5.1696	5.20212	5.2677				217	5.40644	5.36237	4.43274	5.11952	8.00676	9.32291				
223		218	5.14718	5.16872	5.20119	5.26666				218	5.39631	5.35052	4.41216	5.14437	8.01086	9.32926				
224		219	5.14631	5.16782	5.20023	5.2656				219	5.38619	5.33867	4.39158	5.10893	8.01496	9.33562				
225		220	5.14541	5.16689	5.19925	5.26451				220	5.37607	5.32683	4.37099	5.11318	8.01907	9.34197				
226		221	5.14449	5.16593	5.19824	5.2634				221	5.36595	5.31498	4.35041	5.09712	8.02317	9.34832				
227		222	5.14354	5.16495	5.19721	5.26226				222	5.35583	5.30314	4.32982	5.10073	7.98353	9.27145				
228		223	5.14256	5.16394	5.19615	5.2611				223	5.3457	5.29129	4.30924	5.08402	7.98724	9.27706				
229		224	5.14156	5.1629	5.19506	5.25991				224	5.33558	5.27944	4.28865	5.07697	7.99095	9.28266				
230		225	5.14054	5.16184	5.19395	5.25869				225	5.32546	5.2676	4.26807	5.07984	7.99467	9.28827				
231		226	5.13949	5.16076	5.19281	5.25745				226	5.31534	5.25575	4.24748	5.06261	7.99838	9.29388				
232		227	5.13841	5.15965	5.19165	5.25619				227	5.30522	5.24391	4.2269	5.0653	8.00209	9.29949				
233		228	5.13731	5.15851	5.19047	5.2549				228	5.29261	5.22973	4.20618	5.04789	7.96507	9.22321				
234		229	5.13619	5.15736	5.18926	5.2536				229	5.27782	5.2135	4.18533	5.0404	7.96843	9.22811				
235		230	5.13504	5.15618	5.18803	5.25227				230	5.26303	5.19728	4.16448	5.06282	7.97178	9.233				
236		231	5.13387	5.15497	5.18677	5.25094				231	5.24824	5.18105	4.14364	5.02493	7.97514	9.2379				
237		232	5.13268	5.15375	5.18549	5.24959				232	5.23346	5.16483	4.12279	5.02674	7.9785	9.24279				
238		233	5.13146	5.1525	5.18419	5.24824				233	5.21867	5.1486	4.10195	5.00825	7.98185	9.24769				
239		234	5.13022	5.15122	5.18287	5.24688				234	5.20388	5.13238	4.0811	5.00943	7.94773	9.17093				
240		235	5.12895	5.14992	5.18153	5.24553				235	5.1891	5.11616	4.06026	4.99026	7.95077	9.17513				
241		236	5.12767	5.1486	5.18018	5.24418				236	5.17431	5.09993	4.03941	4.98076	7.95381	9.17933				
242		237	5.12636	5.14727	5.17883	5.24284				237	5.15952	5.08371	4.01857	4.98117	7.95685	9.18353				
243		238	5.12503	5.14593	5.17749	5.2415				238	5.14473	5.06748	3.99772	4.96151	7.95989	9.18773				
244		239	5.1237	5.14458	5.17616	5.24017				239	5.12995	5.05126	3.97688	4.96177	7.96292	9.19193				
245		240	5.12236	5.14325	5.17484	5.23885				240	5.11341	5.03363	3.95576	4.94195	7.93239	9.11877				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
246		241	5.12104	5.14194	5.17354	5.23753				241	5.09533	5.01478	3.93441	4.93205	7.93515	9.12233				
247		242	5.11974	5.14065	5.17226	5.23622				242	5.07726	4.99593	3.91306	4.95207	7.93791	9.12589				
248		243	5.11847	5.13938	5.17099	5.23492				243	5.05919	4.97708	3.89171	4.91193	7.94067	9.12945				
249		244	5.11721	5.13813	5.16973	5.23361				244	5.04111	4.95823	3.87036	4.91164	7.94343	9.13301				
250		245	5.11596	5.13688	5.16847	5.23229				245	5.02304	4.93937	3.84901	4.89118	7.94619	9.13657				
251		246	5.11473	5.13565	5.16721	5.23097				246	5.00496	4.92052	3.82766	4.89049	7.92005	9.06728				
252		247	5.11351	5.13441	5.16594	5.22964				247	4.98689	4.90167	3.80631	4.86956	7.92258	9.07025				
253		248	5.11228	5.13317	5.16467	5.2283				248	4.96882	4.88282	3.78496	4.8584	7.9251	9.07322				
254		249	5.11105	5.13192	5.1634	5.22695				249	4.95074	4.86397	3.76361	4.85716	7.92763	9.07619				
255		250	5.10981	5.13066	5.16211	5.22558				250	4.93267	4.84512	3.74226	4.83586	7.93015	9.07916				
256		251	5.10857	5.1294	5.16081	5.2242				251	4.91459	4.82626	3.72091	4.8345	7.93268	9.08213				
257		252	5.10732	5.12812	5.15949	5.2228				252	4.89546	4.80642	3.70117	4.81307	7.90952	9.01697				
258		253	5.10605	5.12683	5.15816	5.22139				253	4.87539	4.78572	3.68285	4.80157	7.91185	9.01941				
259		254	5.10477	5.12553	5.15682	5.21996				254	4.85532	4.76502	3.66453	4.82001	7.91417	9.02184				
260		255	5.10348	5.12421	5.15546	5.21852				255	4.83525	4.74431	3.64621	4.77835	7.91649	9.02427				
261		256	5.10217	5.12288	5.15409	5.21705				256	4.81518	4.72361	3.62789	4.77661	7.91882	9.0267				
262		257	5.10085	5.12153	5.1527	5.21557				257	4.79511	4.70291	3.60957	4.75477	7.92114	9.02914				
263		258	5.09952	5.12016	5.15129	5.21408				258	4.77505	4.6822	3.59125	4.75277	7.9017	8.96884				
264		259	5.09816	5.11878	5.14986	5.21256				259	4.75498	4.6615	3.57293	4.73063	7.90386	8.97078				
265		260	5.09679	5.11739	5.14842	5.21103				260	4.73491	4.6408	3.55461	4.71834	7.90601	8.97273				
266		261	5.09541	5.11597	5.14696	5.20947				261	4.71484	4.62009	3.53629	4.71601	7.90817	8.97468				
267		262	5.09401	5.11454	5.14549	5.2079				262	4.69477	4.59939	3.51797	4.69364	7.91032	8.97663				
268		263	5.09259	5.11309	5.14399	5.20632				263	4.6747	4.57868	3.49965	4.69123	7.91248	8.97858				
269		264	5.09115	5.11162	5.14248	5.20471				264	4.65378	4.55721	3.48179	4.66878	7.89342	8.91948				
270		265	5.08969	5.11014	5.14095	5.20308				265	4.6321	4.53506	3.46435	4.65629	7.89542	8.92097				
271		266	5.08822	5.10864	5.1394	5.20144				266	4.61042	4.5129	3.44691	4.67376	7.89741	8.92246				
272		267	5.08673	5.10712	5.13784	5.19978				267	4.58875	4.49075	3.42947	4.6311	7.89941	8.92395				
273		268	5.08523	5.10558	5.13625	5.1981				268	4.56707	4.4686	3.41202	4.62831	7.9014	8.92544				
274		269	5.08371	5.10403	5.13465	5.19641				269	4.54539	4.44644	3.39458	4.60538	7.9034	8.92692				
275		270	5.08217	5.10246	5.13303	5.19471				270	4.52372	4.42429	3.37714	4.60234	7.88454	8.86882				
276		271	5.08061	5.10087	5.1314	5.19301				271	4.50204	4.40214	3.3597	4.57918	7.88639	8.86987				
277		272	5.07903	5.09926	5.12974	5.19131				272	4.48036	4.37999	3.34225	4.56589	7.88823	8.87092				
278		273	5.07744	5.09764	5.12807	5.18961				273	4.45869	4.35783	3.32481	4.56257	7.89007	8.87197				
279		274	5.07583	5.09599	5.12638	5.18793				274	4.43701	4.33568	3.30737	4.53923	7.89191	8.87302				
280		275	5.0742	5.09433	5.12468	5.18627				275	4.41533	4.31353	3.28992	4.53585	7.89375	8.87407				
281		276	5.07255	5.09265	5.12299	5.18463				276	4.39303	4.29084	3.2741	4.51243	7.87676	8.82063				
282		277	5.07088	5.09096	5.12131	5.18301				277	4.37018	4.26769	3.2597	4.49899	7.87846	8.82128				
283		278	5.0692	5.08927	5.11965	5.18142				278	4.34734	4.24454	3.2453	4.51551	7.88017	8.82194				
284		279	5.06752	5.08761	5.11802	5.17985				279	4.32449	4.22139	3.2309	4.472	7.88188	8.82259				
285		280	5.06587	5.08598	5.11644	5.17831				280	4.30164	4.19823	3.2165	4.46845	7.88358	8.82325				
286		281	5.06425	5.08439	5.11489	5.1768				281	4.2788	4.17508	3.2021	4.44488	7.88529	8.8239				
287		282	5.06267	5.08284	5.11338	5.17531				282	4.25595	4.15193	3.1877	4.44121	7.87062	8.77643				
288		283	5.06114	5.08134	5.11191	5.17384				283	4.2331	4.12878	3.1733	4.41747	7.87221	8.77674				
289		284	5.05965	5.07988	5.11046	5.17238				284	4.21025	4.10563	3.1589	4.40365	7.8738	8.77706				
290		285	5.05821	5.07845	5.10904	5.17093				285	4.18741	4.08247	3.1445	4.3998	7.87539	8.77737				
291		286	5.05679	5.07704	5.10762	5.16948				286	4.16456	4.05932	3.1301	4.37594	7.87698	8.77769				
292		287	5.05539	5.07564	5.10622	5.16804				287	4.14171	4.03617	3.1157	4.37205	7.87857	8.778				
293		288	5.05401	5.07426	5.10482	5.16659				288	4.11848	4.01275	3.10226	4.34815	7.86702	8.73779				
294		289	5.05264	5.07288	5.10343	5.16514				289	4.09492	3.98908	3.08967	4.33423	7.86852	8.73782				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
295		290	5.05128	5.07151	5.10203	5.16368				290	4.07135	3.96542	3.07708	4.35028	7.87002	8.73786				
296		291	5.04991	5.07013	5.10063	5.16222				291	4.04779	3.94175	3.06449	4.30637	7.87152	8.73789				
297		292	5.04855	5.06875	5.09922	5.16075				292	4.02423	3.91809	3.05189	4.30248	7.87302	8.73793				
298		293	5.04718	5.06736	5.0978	5.15926				293	4.00066	3.89443	3.0393	4.27861	7.87452	8.73796				
299		294	5.04581	5.06597	5.09638	5.15777				294	3.9771	3.87076	3.02671	4.2747	7.86714	8.70753				
300		295	5.04443	5.06457	5.09495	5.15626				295	3.95353	3.8471	3.01412	4.25074	7.86858	8.70736				
301		296	5.04304	5.06317	5.09351	5.15475				296	3.92997	3.82343	3.00153	4.23673	7.87002	8.70719				
302		297	5.04165	5.06175	5.09205	5.15322				297	3.90641	3.79977	2.98893	4.2327	7.87146	8.70702				
303		298	5.04024	5.06032	5.09059	5.15168				298	3.88284	3.77611	2.97634	4.20866	7.8729	8.70684				
304		299	5.03883	5.05888	5.08911	5.15012				299	3.85928	3.75244	2.96375	4.20461	7.87434	8.70667				
305		300	5.0374	5.05743	5.08762	5.14855				300	3.83565	3.72878	2.9527	4.18055	7.86775	8.67901				
306		301	5.03596	5.05597	5.08612	5.14697				301	3.81195	3.70511	2.94301	4.16648	7.86913	8.67866				
307		302	5.03451	5.05449	5.08461	5.14537				302	3.78826	3.68145	2.93331	4.18239	7.87052	8.67831				
308		303	5.03305	5.053	5.08308	5.14376				303	3.76457	3.65778	2.92362	4.13831	7.8719	8.67795				
309		304	5.03157	5.0515	5.08154	5.14214				304	3.74088	3.63412	2.91393	4.13423	7.87329	8.6776				
310		305	5.03008	5.04998	5.07998	5.1405				305	3.71718	3.61045	2.90423	4.11016	7.87467	8.67724				
311		306	5.02858	5.04845	5.07841	5.13885				306	3.69349	3.58679	2.89454	4.10609	7.86905	8.65326				
312		307	5.02706	5.04691	5.07683	5.13718				307	3.6698	3.56312	2.88484	4.08201	7.87039	8.65275				
313		308	5.02553	5.04535	5.07523	5.1355				308	3.64611	3.53946	2.87515	4.06793	7.87173	8.65225				
314		309	5.02399	5.04378	5.07362	5.13381				309	3.62242	3.51579	2.86545	4.06385	7.87307	8.65174				
315		310	5.02243	5.0422	5.07199	5.13211				310	3.59872	3.49213	2.85576	4.03978	7.87441	8.65123				
316		311	5.02086	5.0406	5.07035	5.13041				311	3.57503	3.46846	2.84606	4.0357	7.87575	8.65072				
317		312	5.01928	5.03899	5.0687	5.12871				312	3.55137	3.44508	2.8376	4.01163	7.87079	8.62883				
318		313	5.01768	5.03736	5.06703	5.12703				313	3.52775	3.42193	2.83021	3.99756	7.87209	8.62818				
319		314	5.01607	5.03572	5.06535	5.12535				314	3.50412	3.39879	2.82282	4.01349	7.87339	8.62754				
320		315	5.01444	5.03406	5.06366	5.12369				315	3.48049	3.37564	2.81543	3.96945	7.87469	8.62689				
321		316	5.01279	5.03239	5.06198	5.12204				316	3.45686	3.3525	2.80804	3.96546	7.87599	8.62625				
322		317	5.01114	5.03072	5.06031	5.12042				317	3.43323	3.32935	2.80065	3.94151	7.87729	8.6256				
323		318	5.00947	5.02905	5.05866	5.11882				318	3.40961	3.30621	2.79326	3.93757	7.87315	8.60651				
324		319	5.00781	5.0274	5.05703	5.11724				319	3.38598	3.28306	2.78587	3.91366	7.87441	8.60574				
325		320	5.00617	5.02577	5.05544	5.11569				320	3.36235	3.25992	2.77848	3.89977	7.87568	8.60498				
326		321	5.00455	5.02417	5.05389	5.11415				321	3.33872	3.23677	2.77109	3.89589	7.87694	8.60422				
327		322	5.00297	5.02262	5.05236	5.11264				322	3.31509	3.21363	2.7637	3.87202	7.87821	8.60346				
328		323	5.00143	5.02111	5.05087	5.11114				323	3.29147	3.19048	2.75631	3.86816	7.87948	8.6027				
329		324	4.99993	5.01963	5.0494	5.10966				324	3.26882	3.16789	2.75034	3.8443	7.87781	8.58907				
330		325	4.99847	5.01817	5.04795	5.10818				325	3.24705	3.14578	2.74561	3.83046	7.87905	8.58823				
331		326	4.99702	5.01674	5.04651	5.10671				326	3.22527	3.12367	2.74088	3.84662	7.8803	8.58739				
332		327	4.9956	5.01531	5.04507	5.10523				327	3.20349	3.10156	2.73615	3.803	7.88155	8.58655				
333		328	4.99419	5.0139	5.04365	5.10376				328	3.18171	3.07945	2.73142	3.79958	7.8828	8.58571				
334		329	4.99279	5.01249	5.04222	5.10228				329	3.15993	3.05735	2.72669	3.77637	7.88404	8.58487				
335		330	4.9914	5.01109	5.04079	5.1008				330	3.13815	3.03524	2.72196	3.77331	7.88576	8.57885				
336		331	4.99	5.00968	5.03936	5.09932				331	3.11637	3.01313	2.71723	3.75039	7.88701	8.57798				
337		332	4.98861	5.00827	5.03793	5.09783				332	3.09459	2.99102	2.7125	3.73762	7.88826	8.57711				
338		333	4.98722	5.00686	5.03649	5.09633				333	3.07281	2.96891	2.70776	3.7349	7.88951	8.57624				
339		334	4.98582	5.00545	5.03505	5.09482				334	3.05104	2.9468	2.70303	3.71224	7.89076	8.57537				
340		335	4.98441	5.00402	5.0336	5.0933				335	3.02926	2.92469	2.6983	3.70964	7.89201	8.5745				
341		336	4.983	5.00259	5.03214	5.09177				336	3.00613	2.9034	2.69483	3.68709	7.89576	8.5716				
342		337	4.98158	5.00116	5.03067	5.09024				337	2.98182	2.88283	2.69244	3.6746	7.89703	8.57071				
343		338	4.98016	4.99971	5.02919	5.08869				338	2.95752	2.86226	2.69006	3.69216	7.89829	8.56983				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
344		339	4.97873	4.99826	5.0277	5.08713				339	2.93321	2.84169	2.68768	3.6498	7.89956	8.56895				
345		340	4.97729	4.99679	5.02621	5.08556				340	2.90891	2.82111	2.6853	3.64751	7.90082	8.56806				
346		341	4.97583	4.99532	5.0247	5.08398				341	2.8846	2.80054	2.68292	3.6253	7.90209	8.56718				
347		342	4.97437	4.99384	5.02318	5.0824				342	2.86029	2.77997	2.68054	3.62312	7.90866	8.56869				
348		343	4.9729	4.99234	5.02165	5.08081				343	2.83599	2.75939	2.67816	3.60096	7.90996	8.56782				
349		344	4.97142	4.99084	5.02012	5.0792				344	2.81168	2.73882	2.67578	3.58884	7.91126	8.56695				
350		345	4.96993	4.98933	5.01856	5.07756				345	2.78737	2.71825	2.6734	3.58681	7.91255	8.56608				
351		346	4.96843	4.98781	5.017	5.07587				346	2.76307	2.69767	2.67102	3.56487	7.91385	8.56521				
352		347	4.96692	4.98627	5.01542	5.0742				347	2.73876	2.6771	2.66864	3.56303	7.91514	8.56434				
353		348	4.9654	4.98472	5.01385	5.07262				348	2.72402	2.6675	2.66753	3.54128	7.91945	8.56723				
354		349	4.96387	4.98314	5.01228	5.07122				349	2.71764	2.6675	2.66752	3.52963	7.92076	8.56638				
355		350	4.9623	4.98157	5.01069	5.07007				350	2.71126	2.6675	2.66752	3.54808	7.92208	8.56553				
356		351	4.96072	4.98001	5.00903	5.06926				351	2.70488	2.6675	2.66752	3.5077	7.92339	8.56469				
357		352	4.95917	4.97849	5.00731	5.06886				352	2.69851	2.6675	2.66752	3.5085	7.9247	8.56384				
358		353	4.95768	4.97692	5.00562	5.06895				353	2.69213	2.6675	2.66751	3.49048	7.92602	8.56299				
359		354	4.95619	4.9752	5.00412	5.06962				354	2.68915	2.6675	2.66751	3.49371	7.92569	8.56867				
360		355	4.9545	4.97332	5.00296	5.07094				355	2.68915	2.6675	2.66751	3.47819	7.92699	8.56786				
361		356	4.95257	4.97157	5.00231	5.07302				356	2.68915	2.6675	2.66751	3.47393	7.9283	8.56705				
362		357	4.95059	4.97032	5.00237	5.07595				357	2.68915	2.6675	2.66751	3.47985	7.9296	8.56624				
363		358	4.94929	4.9699	5.00332	5.07984				358	2.68915	2.6675	2.66751	3.46597	7.9309	8.56543				
364		359	4.94886	4.97037	5.00519	5.0847				359	2.68915	2.6675	2.66751	3.47249	7.93221	8.56462				

	A	B	C	D	E
1	Cheyne Stress Runs				
2	M2 WALS and DMs				
3	Assumptions				
4	1. CPR Curves provided				
5	2. Default Curve provided				
6	3. 5.0% Cum Loss				
7	4. 50% Loss Severity				
8	5. 12 months recovery lag				
9	6. Price = 100				
10	7. Stepdown Fail				
11	8. P&I Advancing				
12					
13					
14					
15	M2 (Call and Mat)	Forwards	Forwards +100	Forwards +200	Forwards +300
16	WAL	4.50	4.52	4.56	4.67
17	DM	48	48	47.99	47.99
18					
19					
20	M4 (Mat)	Forwards	Forwards +100	Forwards +200	Forwards +300
21	WAL	5.42	5.46	5.54	5.75
22	DM	68.07	68.11	68.25	68.78
23					
24	M4 (Call)	Forwards	Forwards +100	Forwards +200	Forwards +300
25	WAL	5.41	5.43	5.49	5.58
26	DM	68	68	67.99	67.99

	A	B	C	D	E
1	Cheyne Stress Runs				
2	M2 WALS and DMs				
3	Assumptions				
4	1. CPR Curves provided				
5	2. Default Curve provided				
6	3. 5.0% Cum Loss				
7	4. 50% Loss Severity				
8	5. 12 months recovery lag				
9	6. Price = 100				
10	7. Stepdown Fail				
11	8. P&I Advancing				
12					
13					
14					
15	M2	Forwards	Forwards +100	Forwards +200	Forwards +300
16	WAL	4.50	4.52	4.56	4.67
17	DM	48	48	47.99	47.99
18					
19					
20	M4	Forwards	Forwards +100	Forwards +200	Forwards +300
21	WAL	5.42	5.46	5.54	5.75
22	DM	68.07	68.11	68.25	68.78

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1							As of date:													
2		LIBOR	forward	curve as of:	5/25/2005	at 15:00				TSY	forward	curve as of:	2/14/2005	Get TSY fwds				PPV Schedules		
3							Get LIB fwds													
4		#MONTH	LIB1	LIB3	LIB6	LIB1Y				MONTH	TSY3M	TSY1	TSY10	COFI	PRIM	CD6		PPV1	PPV2	PPV3
5		0	3.09	3.2972	3.51	3.74824				0	2.63276	3.06435	4.08699	2.65	5.5	4		2	1	30
6		1	3.28468	3.43777	3.62881	3.81842				1	2.82342	3.15127	4.10878	2.6226	5.76182	4.38681		4	2	40
7		2	3.42894	3.57499	3.72829	3.88065				2	3.01408	3.23818	4.13056	2.76605	5.81284	4.52492		6	3	50
8		3	3.56985	3.69529	3.80545	3.93285				3	3.11532	3.30835	4.14955	2.87275	5.86384	4.66298		8	4	
9		4	3.69392	3.78682	3.85906	3.97413				4	3.13831	3.36388	4.16609	3.04801	5.91484	4.80098		10		
10		5	3.78765	3.8467	3.89288	4.00596				5	3.1613	3.41941	4.18263	3.13031	5.96583	4.93893		12		
11		6	3.84273	3.87926	3.91505	4.03145				6	3.18828	3.46783	4.19901	3.21879	6.12325	5.23331		14		
12		7	3.8724	3.89389	3.93559	4.05438				7	3.21877	3.51002	4.21527	3.28772	6.20461	5.41574		16		
13		8	3.88467	3.90099	3.95815	4.07651				8	3.24925	3.55221	4.23153	3.31355	6.28594	5.59807		18		
14		9	3.88634	3.91234	3.98335	4.09855				9	3.32999	3.59354	4.24755	3.35229	6.36726	5.7803		20		
15		10	3.89355	3.93839	4.01069	4.12073				10	3.45471	3.63411	4.26335	3.37476	6.44856	5.96243		22		
16		11	3.91851	3.97598	4.03927	4.14262				11	3.57944	3.67469	4.27916	3.41577	6.52983	6.14447				
17		12	3.96397	4.01453	4.06707	4.16305				12	3.65061	3.69804	4.29305	3.43802	6.48268	6.05781				
18		13	4.00558	4.04261	4.09148	4.18054				13	3.67493	3.70632	4.30527	3.46939	6.5442	6.19852				
19		14	4.03339	4.06161	4.11229	4.19528				14	3.69925	3.7146	4.3175	3.52839	6.60572	6.33917				
20		15	4.04766	4.07809	4.13029	4.20816				15	3.7155	3.72022	4.32952	3.52861	6.66722	6.47977				
21		16	4.06217	4.09833	4.1464	4.22012				16	3.72468	3.7235	4.34137	3.56852	6.72871	6.6203				
22		17	4.08249	4.12052	4.16072	4.23139				17	3.73386	3.72679	4.35322	3.5907	6.79019	6.76078				
23		18	4.10797	4.13967	4.17293	4.2419				18	3.72926	3.73247	4.36512	3.63145	6.66601	6.6647				
24		19	4.12829	4.15133	4.18278	4.25154				19	3.7126	3.74024	4.37707	3.64874	6.70796	6.7803				
25		20	4.13954	4.15746	4.19085	4.26043				20	3.69594	3.74801	4.38902	3.66777	6.74992	6.89586				
26		21	4.14269	4.16248	4.19806	4.26882				21	3.69119	3.76041	4.40146	3.69333	6.79186	7.01138				
27		22	4.14657	4.17033	4.20537	4.277				22	3.69686	3.77685	4.41433	3.69967	6.8338	7.12686				
28		23	4.15448	4.18015	4.21314	4.28511				23	3.70253	3.7933	4.42719	3.72632	6.87574	7.24231				
29		24	4.16607	4.18941	4.22152	4.29325				24	3.7187	3.80914	4.44017	3.72594	6.75583	7.10505				
30		25	4.17584	4.19603	4.23053	4.30148				25	3.74407	3.82443	4.45326	3.73553	6.78484	7.20031				
31		26	4.18207	4.20157	4.23988	4.3099				26	3.76943	3.83972	4.46635	3.77419	6.81384	7.29555				
32		27	4.18578	4.20889	4.2491	4.31863				27	3.79379	3.85323	4.47923	3.75484	6.84284	7.39077				
33		28	4.19236	4.22012	4.2578	4.32777				28	3.81725	3.86518	4.49194	3.77746	6.87183	7.48595				
34		29	4.20388	4.23307	4.26591	4.3372				29	3.84072	3.87713	4.50465	3.78207	6.90082	7.58111				
35		30	4.21923	4.24399	4.27347	4.34673				30	3.85405	3.88663	4.51718	3.80636	6.83362	7.4094				
36		31	4.23091	4.24998	4.28056	4.35618				31	3.8585	3.89399	4.52956	3.81034	6.85641	7.48739				
37		32	4.23643	4.2531	4.2877	4.36556				32	3.86295	3.90135	4.54193	3.824	6.8792	7.56536				
38		33	4.23704	4.25712	4.29557	4.37497				33	3.86915	3.9095	4.55445	3.84739	6.90199	7.64332				
39		34	4.2402	4.26516	4.30476	4.38451				34	3.87688	3.91833	4.56709	3.85053	6.92478	7.72126				
40		35	4.24842	4.27617	4.31511	4.39414				35	3.88461	3.92716	4.57973	3.87341	6.94757	7.79918				
41		36	4.26101	4.28772	4.32621	4.40375				36	3.89173	3.93804	4.59206	3.87414	6.89594	7.66257				
42		37	4.27297	4.29786	4.3376	4.41327				37	3.89829	3.9507	4.60412	3.88271	6.91471	7.72893				
43		38	4.28283	4.30733	4.34883	4.42276				38	3.90486	3.96337	4.61618	3.91914	6.93347	7.79527				
44		39	4.29119	4.31774	4.35938	4.43236				39	3.91584	3.9771	4.62834	3.89663	6.95224	7.8616				
45		40	4.30118	4.33015	4.36886	4.44211				40	3.93066	3.99178	4.64058	3.9152	6.971	7.92792				
46		41	4.31383	4.34288	4.37734	4.45185				41	3.94549	4.00646	4.65281	3.91483	6.98977	7.99422				
47		42	4.32816	4.35335	4.38505	4.46132				42	3.9567	4.0211	4.66499	3.93465	6.96848	7.87802				
48		43	4.3391	4.35969	4.39228	4.47034				43	3.96474	4.03571	4.67713	3.93466	6.98538	7.93586				
49		44	4.34502	4.36374	4.39964	4.47919				44	3.97278	4.05033	4.68926	3.94486	7.00228	7.99368				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
50		45	4.34703	4.36851	4.40785	4.4883				45	3.98632	4.0667	4.70146	3.96645	7.01918	8.0515				
51		46	4.35115	4.37647	4.41746	4.49802				46	4.00468	4.08461	4.71372	3.96942	7.03608	8.10931				
52		47	4.35922	4.38698	4.42804	4.50819				47	4.02303	4.10252	4.72599	3.99379	7.05298	8.16711				
53		48	4.37075	4.39845	4.43885	4.51851				48	4.03822	4.11987	4.73813	3.99609	6.99879	8.06949				
54		49	4.38244	4.4095	4.44926	4.52872				49	4.05063	4.13671	4.75017	4.00633	7.01279	8.12096				
55		50	4.3934	4.41991	4.45922	4.53879				50	4.06305	4.15356	4.7622	4.04449	7.02679	8.17242				
56		51	4.40364	4.42983	4.46883	4.54875				51	4.08185	4.17119	4.77423	4.02336	7.04079	8.22388				
57		52	4.41346	4.43937	4.47822	4.55866				52	4.10625	4.18949	4.78625	4.04294	7.05478	8.27533				
58		53	4.42292	4.44864	4.48753	4.56853				53	4.13064	4.20779	4.79828	4.04321	7.06878	8.32677				
59		54	4.43206	4.45774	4.4969	4.57839				54	4.15249	4.2248	4.81007	4.06438	7.04604	8.23468				
60		55	4.44107	4.46677	4.50646	4.58826				55	4.17211	4.24067	4.82168	4.06645	7.05871	8.28092				
61		56	4.45	4.47591	4.51619	4.59815				56	4.19173	4.25655	4.83328	4.07942	7.07137	8.32715				
62		57	4.45895	4.48535	4.52608	4.60806				57	4.21344	4.27143	4.84474	4.10315	7.08403	8.37337				
63		58	4.46828	4.49521	4.53605	4.61799				58	4.23699	4.28545	4.85609	4.10764	7.09669	8.41959				
64		59	4.4781	4.50533	4.54604	4.62789				59	4.26053	4.29947	4.86743	4.13291	7.10935	8.4658				
65		60	4.48833	4.51543	4.55594	4.63773				60	4.27406	4.31044	4.87799	4.1381	7.15981	8.38821				
66		61	4.4984	4.52529	4.56568	4.64747				61	4.27882	4.31875	4.88786	4.15322	7.17371	8.43038				
67		62	4.50817	4.53491	4.57528	4.65711				62	4.28359	4.32706	4.89773	4.19827	7.1876	8.47254				
68		63	4.51767	4.5444	4.58478	4.66669				63	4.29324	4.33599	4.90768	4.1826	7.2015	8.51469				
69		64	4.52707	4.55381	4.59421	4.67621				64	4.30718	4.34546	4.91771	4.20622	7.21539	8.55684				
70		65	4.53641	4.56316	4.60358	4.68569				65	4.32112	4.35493	4.92773	4.20913	7.22929	8.59898				
71		66	4.54569	4.57246	4.61291	4.69513				66	4.32966	4.36345	4.93767	4.23141	7.2497	8.50155				
72		67	4.55491	4.58169	4.6222	4.70453				67	4.33345	4.37113	4.94752	4.23306	7.26378	8.53954				
73		68	4.56407	4.59087	4.63145	4.7139				68	4.33725	4.37882	4.95738	4.24408	7.27787	8.57753				
74		69	4.57317	4.60002	4.64066	4.72323				69	4.34641	4.38755	4.96733	4.26503	7.29196	8.61551				
75		70	4.58225	4.60914	4.64984	4.73253				70	4.36025	4.3972	4.97738	4.26591	7.30604	8.65348				
76		71	4.59131	4.61824	4.659	4.7418				71	4.3741	4.40684	4.98742	4.28672	7.32013	8.69146				
77		72	4.60034	4.62731	4.66812	4.75104				72	4.38232	4.416	4.99737	4.28753	7.33708	8.59985				
78		73	4.60934	4.63634	4.6772	4.76023				73	4.38561	4.42472	5.00723	4.29834	7.35125	8.63428				
79		74	4.6183	4.64533	4.68625	4.76939				74	4.3889	4.43345	5.01709	4.33915	7.36541	8.66871				
80		75	4.62722	4.65429	4.69527	4.77851				75	4.39785	4.44312	5.02705	4.31977	7.37957	8.70314				
81		76	4.63611	4.66322	4.70426	4.78759				76	4.41175	4.4536	5.03711	4.34022	7.39373	8.73756				
82		77	4.64496	4.67212	4.71321	4.79662				77	4.42565	4.46409	5.04716	4.34049	7.40789	8.77198				
83		78	4.65379	4.68099	4.72213	4.80561				78	4.43393	4.47336	5.05711	4.36055	7.41978	8.686				
84		79	4.66259	4.68983	4.73101	4.81455				79	4.43729	4.48156	5.06696	4.3604	7.43388	8.71738				
85		80	4.67136	4.69863	4.73985	4.82344				80	4.44065	4.48976	5.07681	4.37004	7.44798	8.74876				
86		81	4.6801	4.70739	4.74864	4.83228				81	4.45015	4.50073	5.08678	4.38973	7.46208	8.78013				
87		82	4.68879	4.7161	4.75739	4.84106				82	4.46504	4.51412	5.09684	4.38946	7.47618	8.81151				
88		83	4.69744	4.72477	4.76607	4.84978				83	4.47993	4.52751	5.1069	4.40923	7.49028	8.84288				
89		84	4.70604	4.73338	4.77471	4.85844				84	4.48897	4.53758	5.11605	4.40918	7.51068	8.79984				
90		85	4.71458	4.74194	4.78329	4.86704				85	4.49289	4.54476	5.1244	4.41929	7.52493	8.82947				
91		86	4.72308	4.75045	4.79181	4.87558				86	4.49681	4.55194	5.13276	4.45957	7.53917	8.85909				
92		87	4.73152	4.7589	4.80027	4.88405				87	4.50715	4.56272	5.14119	4.43968	7.55342	8.8887				
93		88	4.7399	4.76729	4.80868	4.89244				88	4.5231	4.57665	5.1497	4.45962	7.56766	8.91832				
94		89	4.74822	4.77562	4.81702	4.90076				89	4.53906	4.59059	5.15821	4.45938	7.5819	8.94793				
95		90	4.75649	4.7839	4.8253	4.909				90	4.54923	4.60226	5.16652	4.47917	7.58128	8.87301				
96		91	4.7647	4.79211	4.83352	4.91715				91	4.55434	4.61195	5.17465	4.47899	7.5952	8.90033				
97		92	4.77285	4.80027	4.84166	4.92522				92	4.55946	4.62163	5.18278	4.48884	7.60911	8.92765				
98		93	4.78094	4.80836	4.84973	4.93321				93	4.57152	4.63378	5.19096	4.50878	7.62303	8.95497				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
99		94	4.78896	4.81637	4.85771	4.94111				94	4.58967	4.64808	5.19918	4.50881	7.63694	8.98229				
100		95	4.79692	4.82431	4.8656	4.94892				95	4.60781	4.66237	5.2074	4.52895	7.65086	9.0096				
101		96	4.8048	4.83216	4.8734	4.95665				96	4.61992	4.67691	5.21537	4.52918	7.64568	8.93954				
102		97	4.81259	4.83991	4.8811	4.96429				97	4.62674	4.69166	5.22312	4.53951	7.6592	8.96485				
103		98	4.82027	4.84757	4.88871	4.97183				98	4.63356	4.70642	5.23087	4.57994	7.67272	8.99016				
104		99	4.82786	4.85513	4.89624	4.97929				99	4.64758	4.72252	5.23862	4.56052	7.68624	9.01547				
105		100	4.83536	4.8626	4.90368	4.98665				100	4.6679	4.73979	5.24636	4.58126	7.69975	9.04078				
106		101	4.84277	4.86998	4.91103	4.99391				101	4.68823	4.75707	5.25411	4.58216	7.71327	9.06609				
107		102	4.85009	4.87728	4.91831	5.00109				102	4.70264	4.77313	5.26155	4.60306	7.70404	9.0012				
108		103	4.85733	4.88451	4.92551	5.00817				103	4.71187	4.78814	5.26872	4.60396	7.71712	9.02476				
109		104	4.8645	4.89166	4.93262	5.01515				104	4.7211	4.80314	5.2759	4.61488	7.7302	9.04832				
110		105	4.87159	4.89873	4.93964	5.02204				105	4.73815	4.82171	5.28303	4.6361	7.74327	9.07188				
111		106	4.87861	4.90572	4.94657	5.02883				106	4.76202	4.84341	5.29011	4.63761	7.75635	9.09543				
112		107	4.88554	4.91262	4.95339	5.03553				107	4.78589	4.86511	5.2972	4.65943	7.76942	9.11899				
113		108	4.8924	4.91942	4.96011	5.04213				108	4.80353	4.88311	5.30293	4.66165	7.75755	9.05885				
114		109	4.89914	4.92611	4.96673	5.04864				109	4.81571	4.89789	5.30748	4.67426	7.77017	9.08088				
115		110	4.90577	4.93269	4.97324	5.05505				110	4.82789	4.91267	5.31203	4.71728	7.78278	9.1029				
116		111	4.9123	4.93917	4.97966	5.06137				111	4.84812	4.9315	5.31645	4.70021	7.7954	9.12492				
117		112	4.91872	4.94555	4.98598	5.06759				112	4.87542	4.95388	5.32075	4.72306	7.80802	9.14694				
118		113	4.92504	4.95183	4.99222	5.07373				113	4.90271	4.97627	5.32505	4.72583	7.82063	9.16895				
119		114	4.93127	4.95803	4.99838	5.07977				114	4.92393	4.99515	5.32886	4.7487	7.80632	9.11266				
120		115	4.93741	4.96415	5.00446	5.08572				115	4.93984	5.01098	5.33222	4.75167	7.81846	9.13332				
121		116	4.94348	4.97019	5.01045	5.09158				116	4.95575	5.02681	5.33558	4.76474	7.83061	9.15398				
122		117	4.94948	4.97615	5.01636	5.09735				117	4.9768	5.04262	5.3387	4.78793	7.84276	9.17464				
123		118	4.95539	4.98204	5.02218	5.10303				118	5.00235	5.05841	5.34161	4.79124	7.85491	9.19529				
124		119	4.96123	4.98784	5.0279	5.10861				119	5.0279	5.0742	5.34452	4.81466	7.86705	9.21595				
125		120	4.96698	4.99354	5.03353	5.11409				120	5.04235	5.08686	5.34694	4.81781	7.89929	9.21448				
126		121	4.97264	4.99914	5.03906	5.11948				121	5.04708	5.09678	5.34891	4.83071	7.91176	9.23477				
127		122	4.9782	5.00465	5.0445	5.12477				122	5.05182	5.1067	5.35088	4.87334	7.92424	9.25506				
128		123	4.98365	5.01006	5.04984	5.12997				123	5.06403	5.11763	5.35278	4.85537	7.93671	9.27534				
129		124	4.98902	5.01538	5.05509	5.13507				124	5.08279	5.12945	5.35461	4.8768	7.94919	9.29563				
130		125	4.99429	5.02061	5.06025	5.14008				125	5.10154	5.14127	5.35644	4.87764	7.96166	9.31591				
131		126	4.99948	5.02575	5.06531	5.145				126	5.11238	5.15111	5.35788	4.89789	7.94542	9.26614				
132		127	5.00457	5.0308	5.07029	5.14982				127	5.11629	5.15922	5.35896	4.89757	7.95745	9.28532				
133		128	5.00958	5.03576	5.07517	5.15455				128	5.1202	5.16734	5.36005	4.90667	7.96947	9.30451				
134		129	5.0145	5.04062	5.07996	5.15919				129	5.12915	5.17827	5.36106	4.92568	7.98149	9.32369				
135		130	5.01932	5.04539	5.08466	5.16374				130	5.1425	5.19167	5.36201	4.9246	7.99351	9.34287				
136		131	5.02405	5.05007	5.08927	5.16819				131	5.15586	5.20506	5.36296	4.94344	8.00553	9.36205				
137		132	5.02869	5.05467	5.09379	5.17255				132	5.16812	5.21661	5.36247	4.94219	7.98726	9.31293				
138		133	5.03324	5.05918	5.09822	5.17683				133	5.17943	5.22653	5.36072	4.95087	7.99883	9.33109				
139		134	5.03772	5.0636	5.10257	5.18101				134	5.19074	5.23646	5.35896	4.98947	8.0104	9.34924				
140		135	5.04211	5.06794	5.10682	5.1851				135	5.20203	5.24638	5.3572	4.9681	8.02196	9.3674				
141		136	5.04641	5.07218	5.11098	5.18909				136	5.21331	5.25629	5.35542	4.98677	8.03353	9.38555				
142		137	5.05062	5.07634	5.11505	5.19299				137	5.22459	5.2662	5.35365	4.98547	8.04509	9.4037				
143		138	5.05473	5.0804	5.11904	5.19679				138	5.23487	5.2757	5.35133	5.00384	8.02468	9.3545				
144		139	5.05876	5.08437	5.12293	5.2005				139	5.24429	5.28484	5.34851	5.00189	8.03579	9.37168				
145		140	5.0627	5.08826	5.12674	5.20412				140	5.2537	5.29398	5.3457	5.00962	8.04689	9.38887				
146		141	5.06655	5.09206	5.13046	5.20765				141	5.26312	5.30312	5.34289	5.02716	8.058	9.40605				
147		142	5.07032	5.09578	5.13408	5.21109				142	5.27253	5.31227	5.34008	5.02453	8.0691	9.42323				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
148		143	5.07401	5.09941	5.13761	5.21445				143	5.28195	5.32141	5.33726	5.04171	8.0802	9.44042				
149		144	5.07761	5.10295	5.14104	5.21772				144	5.29103	5.32967	5.33386	5.03881	8.05653	9.39021				
150		145	5.08112	5.10638	5.14438	5.2209				145	5.29983	5.33717	5.32994	5.04581	8.06716	9.40647				
151		146	5.08452	5.10972	5.14763	5.224				146	5.30863	5.34466	5.32602	5.08272	8.07778	9.42272				
152		147	5.08783	5.11296	5.15079	5.22701				147	5.31742	5.35216	5.32209	5.05944	8.0884	9.43897				
153		148	5.09104	5.11611	5.15387	5.22994				148	5.32621	5.35965	5.31816	5.07595	8.09903	9.45523				
154		149	5.09417	5.11919	5.15688	5.23279				149	5.33499	5.36714	5.31422	5.07227	8.10965	9.47148				
155		150	5.09721	5.12219	5.15982	5.23555				150	5.34328	5.3745	5.30969	5.08848	8.08189	9.41961				
156		151	5.10019	5.12512	5.16269	5.23823				151	5.35113	5.38175	5.30463	5.0846	8.092	9.43496				
157		152	5.1031	5.12799	5.16548	5.24082				152	5.35899	5.38899	5.29958	5.09062	8.10212	9.45032				
158		153	5.10594	5.13079	5.1682	5.24333				153	5.36684	5.39623	5.29452	5.10646	8.11224	9.46567				
159		154	5.10871	5.13352	5.17082	5.24575				154	5.3747	5.40348	5.28947	5.10212	8.12235	9.48102				
160		155	5.11142	5.13617	5.17336	5.24809				155	5.38255	5.41072	5.28441	5.1176	8.13247	9.49637				
161		156	5.11406	5.13873	5.17581	5.25035				156	5.38983	5.41737	5.278	5.11299	8.10058	9.44286				
162		157	5.1166	5.14119	5.17816	5.25252				157	5.3966	5.42349	5.27039	5.11829	8.11016	9.45734				
163		158	5.11903	5.14355	5.18041	5.25461				158	5.40337	5.42962	5.26278	5.15349	8.11974	9.47181				
164		159	5.12137	5.14581	5.18259	5.25662				159	5.41013	5.43574	5.25516	5.12845	8.12932	9.48629				
165		160	5.12362	5.14799	5.18468	5.25855				160	5.41689	5.44184	5.24754	5.14319	8.1389	9.50076				
166		161	5.12577	5.15009	5.1867	5.2604				161	5.42364	5.44795	5.23991	5.1377	8.14848	9.51524				
167		162	5.12785	5.15211	5.18866	5.26217				162	5.42985	5.45347	5.23164	5.15209	8.11202	9.45956				
168		163	5.12985	5.15407	5.19054	5.26386				163	5.43559	5.45848	5.22282	5.14637	8.12104	9.47318				
169		164	5.1318	5.15597	5.19236	5.26547				164	5.44134	5.46349	5.21399	5.15053	8.13006	9.48679				
170		165	5.13367	5.15779	5.1941	5.26701				165	5.44708	5.4685	5.20517	5.16449	8.13907	9.50041				
171		166	5.13549	5.15956	5.19576	5.26847				166	5.45282	5.4735	5.19635	5.15824	8.14809	9.51402				
172		167	5.13723	5.16125	5.19734	5.26985				167	5.45856	5.47851	5.18752	5.17177	8.1571	9.52764				
173		168	5.13892	5.16285	5.19883	5.27116				168	5.46361	5.48232	5.17803	5.1652	8.11648	9.46983				
174		169	5.14051	5.16437	5.20024	5.2724				169	5.46807	5.48507	5.16796	5.16852	8.12491	9.4826				
175		170	5.14201	5.1658	5.20157	5.27356				170	5.47252	5.48782	5.1579	5.20174	8.13334	9.49537				
176		171	5.14343	5.16715	5.20283	5.27465				171	5.47697	5.49057	5.14782	5.17472	8.14177	9.50814				
177		172	5.14476	5.16841	5.20401	5.27567				172	5.4814	5.49332	5.13773	5.18747	8.1502	9.52091				
178		173	5.14602	5.16961	5.20513	5.27662				173	5.48584	5.49606	5.12764	5.17999	8.15863	9.53368				
179		174	5.1472	5.17074	5.20619	5.2775				174	5.48963	5.49862	5.11689	5.19238	8.11434	9.47339				
180		175	5.14832	5.17181	5.20719	5.27831				175	5.49287	5.501	5.10558	5.18464	8.12217	9.48532				
181		176	5.14938	5.17283	5.20812	5.27906				176	5.4961	5.50337	5.09426	5.18678	8.12999	9.49726				
182		177	5.15039	5.17378	5.20899	5.27973				177	5.49934	5.50575	5.08294	5.19871	8.13782	9.5092				
183		178	5.15133	5.17468	5.2098	5.28034				178	5.50258	5.50813	5.07163	5.19043	8.14565	9.52113				
184		179	5.15223	5.17551	5.21053	5.28088				179	5.50581	5.51051	5.06031	5.20194	8.15347	9.53307				
185		180	5.15306	5.17628	5.21118	5.28136				180	5.50826	5.51209	5.04788	5.19333	8.10666	9.47019				
186		181	5.15381	5.17696	5.21177	5.28178				181	5.51002	5.51297	5.03447	5.1946	8.11389	9.4813				
187		182	5.15449	5.17757	5.21228	5.28214				182	5.51179	5.51385	5.02106	5.22574	8.12111	9.49241				
188		183	5.15509	5.1781	5.21272	5.28244				183	5.51353	5.51471	5.00764	5.19667	8.12834	9.50352				
189		184	5.15562	5.17857	5.21311	5.28269				184	5.51527	5.51556	4.99421	5.20739	8.13556	9.51464				
190		185	5.15608	5.17897	5.21344	5.28289				185	5.51701	5.51642	4.98079	5.1979	8.14279	9.52575				
191		186	5.15648	5.17932	5.21372	5.28304				186	5.51797	5.51646	4.96672	5.20825	8.09452	9.45957				
192		187	5.15682	5.17962	5.21395	5.28316				187	5.51825	5.51581	4.9521	5.19846	8.10115	9.46986				
193		188	5.15711	5.17986	5.21413	5.28323				188	5.51853	5.51516	4.93748	5.19851	8.10778	9.48014				
194		189	5.15735	5.18006	5.21427	5.28325				189	5.51882	5.51451	4.92286	5.20835	8.11441	9.49043				
195		190	5.15755	5.18022	5.21437	5.28324				190	5.5191	5.51385	4.90824	5.19799	8.12104	9.50072				
196		191	5.15771	5.18033	5.21443	5.28319				191	5.51938	5.5132	4.89362	5.20741	8.12767	9.511				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
197		192	5.15782	5.18041	5.21446	5.28309				192	5.51834	5.51099	4.87806	5.19668	8.07867	9.44163				
198		193	5.1579	5.18045	5.21444	5.28295				193	5.51614	5.50743	4.86167	5.19579	8.08473	9.4511				
199		194	5.15794	5.18046	5.2144	5.28277				194	5.51394	5.50386	4.84528	5.22474	8.09078	9.46056				
200		195	5.15794	5.18043	5.21431	5.28255				195	5.51174	5.50029	4.82889	5.19345	8.09684	9.47002				
201		196	5.15791	5.18037	5.21419	5.28228				196	5.50953	5.49672	4.8125	5.20191	8.10289	9.47948				
202		197	5.15785	5.18027	5.21402	5.28196				197	5.50733	5.49315	4.79611	5.19012	8.10895	9.48894				
203		198	5.15775	5.18013	5.21381	5.28161				198	5.50513	5.48959	4.77972	5.19812	8.06079	9.41876				
204		199	5.15762	5.17995	5.21355	5.2812				199	5.50293	5.48602	4.76333	5.1859	8.06631	9.42743				
205		200	5.15744	5.17972	5.21325	5.28075				200	5.50073	5.48245	4.74694	5.18348	8.07182	9.43609				
206		201	5.15722	5.17944	5.2129	5.28026				201	5.49852	5.47888	4.73054	5.19099	8.07733	9.44475				
207		202	5.15694	5.17912	5.21249	5.27973				202	5.49632	5.47531	4.71415	5.17843	8.08284	9.45342				
208		203	5.15662	5.17874	5.21205	5.27916				203	5.49412	5.47174	4.69776	5.18581	8.08835	9.46208				
209		204	5.15624	5.17832	5.21156	5.27855				204	5.48993	5.4661	4.68008	5.17312	8.04205	9.39082				
210		205	5.15582	5.17785	5.21103	5.2779				205	5.484	5.45864	4.66126	5.17037	8.04706	9.3987				
211		206	5.15536	5.17735	5.21046	5.27722				206	5.47807	5.45117	4.64244	5.19755	8.05207	9.40659				
212		207	5.15486	5.1768	5.20986	5.2765				207	5.47215	5.44371	4.62363	5.16441	8.05707	9.41447				
213		208	5.15432	5.17622	5.20922	5.27575				208	5.46622	5.43625	4.60481	5.17096	8.06208	9.42236				
214		209	5.15375	5.17561	5.20855	5.27497				209	5.46029	5.42879	4.58599	5.15719	8.06709	9.43024				
215		210	5.15314	5.17496	5.20785	5.27416				210	5.45436	5.42132	4.56718	5.16311	8.02225	9.35584				
216		211	5.15249	5.17428	5.20712	5.27333				211	5.44843	5.41386	4.54836	5.14874	8.02679	9.36294				
217		212	5.15182	5.17357	5.20635	5.27246				212	5.44251	5.4064	4.52954	5.14406	8.03132	9.37005				
218		213	5.15112	5.17284	5.20556	5.27156				213	5.43658	5.39894	4.51072	5.14931	8.03586	9.37716				
219		214	5.15039	5.17207	5.20474	5.27064				214	5.43065	5.39147	4.49191	5.13448	8.04039	9.38426				
220		215	5.14962	5.17127	5.2039	5.26968				215	5.42472	5.38401	4.47309	5.13957	8.04492	9.39137				
221		216	5.14884	5.17045	5.20302	5.2687				216	5.41656	5.37421	4.45333	5.12458	8.00265	9.31656				
222		217	5.14802	5.1696	5.20212	5.2677				217	5.40644	5.36237	4.43274	5.11952	8.00676	9.32291				
223		218	5.14718	5.16872	5.20119	5.26666				218	5.39631	5.35052	4.41216	5.14437	8.01086	9.32926				
224		219	5.14631	5.16782	5.20023	5.2656				219	5.38619	5.33867	4.39158	5.10893	8.01496	9.33562				
225		220	5.14541	5.16689	5.19925	5.26451				220	5.37607	5.32683	4.37099	5.11318	8.01907	9.34197				
226		221	5.14449	5.16593	5.19824	5.2634				221	5.36595	5.31498	4.35041	5.09712	8.02317	9.34832				
227		222	5.14354	5.16495	5.19721	5.26226				222	5.35583	5.30314	4.32982	5.10073	7.98353	9.27145				
228		223	5.14256	5.16394	5.19615	5.2611				223	5.3457	5.29129	4.30924	5.08402	7.98724	9.27706				
229		224	5.14156	5.1629	5.19506	5.25991				224	5.33558	5.27944	4.28865	5.07697	7.99095	9.28266				
230		225	5.14054	5.16184	5.19395	5.25869				225	5.32546	5.2676	4.26807	5.07984	7.99467	9.28827				
231		226	5.13949	5.16076	5.19281	5.25745				226	5.31534	5.25575	4.24748	5.06261	7.99838	9.29388				
232		227	5.13841	5.15965	5.19165	5.25619				227	5.30522	5.24391	4.2269	5.0653	8.00209	9.29949				
233		228	5.13731	5.15851	5.19047	5.2549				228	5.29261	5.22973	4.20618	5.04789	7.96507	9.22321				
234		229	5.13619	5.15736	5.18926	5.2536				229	5.27782	5.2135	4.18533	5.0404	7.96843	9.22811				
235		230	5.13504	5.15618	5.18803	5.25227				230	5.26303	5.19728	4.16448	5.06282	7.97178	9.233				
236		231	5.13387	5.15497	5.18677	5.25094				231	5.24824	5.18105	4.14364	5.02493	7.97514	9.2379				
237		232	5.13268	5.15375	5.18549	5.24959				232	5.23346	5.16483	4.12279	5.02674	7.9785	9.24279				
238		233	5.13146	5.1525	5.18419	5.24824				233	5.21867	5.1486	4.10195	5.00825	7.98185	9.24769				
239		234	5.13022	5.15122	5.18287	5.24688				234	5.20388	5.13238	4.0811	5.00943	7.94773	9.17093				
240		235	5.12895	5.14992	5.18153	5.24553				235	5.1891	5.11616	4.06026	4.99026	7.95077	9.17513				
241		236	5.12767	5.1486	5.18018	5.24418				236	5.17431	5.09993	4.03941	4.98076	7.95381	9.17933				
242		237	5.12636	5.14727	5.17883	5.24284				237	5.15952	5.08371	4.01857	4.98117	7.95685	9.18353				
243		238	5.12503	5.14593	5.17749	5.2415				238	5.14473	5.06748	3.99772	4.96151	7.95989	9.18773				
244		239	5.1237	5.14458	5.17616	5.24017				239	5.12995	5.05126	3.97688	4.96177	7.96292	9.19193				
245		240	5.12236	5.14325	5.17484	5.23885				240	5.11341	5.03363	3.95576	4.94195	7.93239	9.11877				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
246		241	5.12104	5.14194	5.17354	5.23753				241	5.09533	5.01478	3.93441	4.93205	7.93515	9.12233				
247		242	5.11974	5.14065	5.17226	5.23622				242	5.07726	4.99593	3.91306	4.95207	7.93791	9.12589				
248		243	5.11847	5.13938	5.17099	5.23492				243	5.05919	4.97708	3.89171	4.91193	7.94067	9.12945				
249		244	5.11721	5.13813	5.16973	5.23361				244	5.04111	4.95823	3.87036	4.91164	7.94343	9.13301				
250		245	5.11596	5.13688	5.16847	5.23229				245	5.02304	4.93937	3.84901	4.89118	7.94619	9.13657				
251		246	5.11473	5.13565	5.16721	5.23097				246	5.00496	4.92052	3.82766	4.89049	7.92005	9.06728				
252		247	5.11351	5.13441	5.16594	5.22964				247	4.98689	4.90167	3.80631	4.86956	7.92258	9.07025				
253		248	5.11228	5.13317	5.16467	5.2283				248	4.96882	4.88282	3.78496	4.8584	7.9251	9.07322				
254		249	5.11105	5.13192	5.1634	5.22695				249	4.95074	4.86397	3.76361	4.85716	7.92763	9.07619				
255		250	5.10981	5.13066	5.16211	5.22558				250	4.93267	4.84512	3.74226	4.83586	7.93015	9.07916				
256		251	5.10857	5.1294	5.16081	5.2242				251	4.91459	4.82626	3.72091	4.8345	7.93268	9.08213				
257		252	5.10732	5.12812	5.15949	5.2228				252	4.89546	4.80642	3.70117	4.81307	7.90952	9.01697				
258		253	5.10605	5.12683	5.15816	5.22139				253	4.87539	4.78572	3.68285	4.80157	7.91185	9.01941				
259		254	5.10477	5.12553	5.15682	5.21996				254	4.85532	4.76502	3.66453	4.82001	7.91417	9.02184				
260		255	5.10348	5.12421	5.15546	5.21852				255	4.83525	4.74431	3.64621	4.77835	7.91649	9.02427				
261		256	5.10217	5.12288	5.15409	5.21705				256	4.81518	4.72361	3.62789	4.77661	7.91882	9.0267				
262		257	5.10085	5.12153	5.1527	5.21557				257	4.79511	4.70291	3.60957	4.75477	7.92114	9.02914				
263		258	5.09952	5.12016	5.15129	5.21408				258	4.77505	4.6822	3.59125	4.75277	7.9017	8.96884				
264		259	5.09816	5.11878	5.14986	5.21256				259	4.75498	4.6615	3.57293	4.73063	7.90386	8.97078				
265		260	5.09679	5.11739	5.14842	5.21103				260	4.73491	4.6408	3.55461	4.71834	7.90601	8.97273				
266		261	5.09541	5.11597	5.14696	5.20947				261	4.71484	4.62009	3.53629	4.71601	7.90817	8.97468				
267		262	5.09401	5.11454	5.14549	5.2079				262	4.69477	4.59939	3.51797	4.69364	7.91032	8.97663				
268		263	5.09259	5.11309	5.14399	5.20632				263	4.6747	4.57868	3.49965	4.69123	7.91248	8.97858				
269		264	5.09115	5.11162	5.14248	5.20471				264	4.65378	4.55721	3.48179	4.66878	7.89342	8.91948				
270		265	5.08969	5.11014	5.14095	5.20308				265	4.6321	4.53506	3.46435	4.65629	7.89542	8.92097				
271		266	5.08822	5.10864	5.1394	5.20144				266	4.61042	4.5129	3.44691	4.67376	7.89741	8.92246				
272		267	5.08673	5.10712	5.13784	5.19978				267	4.58875	4.49075	3.42947	4.6311	7.89941	8.92395				
273		268	5.08523	5.10558	5.13625	5.1981				268	4.56707	4.4686	3.41202	4.62831	7.9014	8.92544				
274		269	5.08371	5.10403	5.13465	5.19641				269	4.54539	4.44644	3.39458	4.60538	7.9034	8.92692				
275		270	5.08217	5.10246	5.13303	5.19471				270	4.52372	4.42429	3.37714	4.60234	7.88454	8.86882				
276		271	5.08061	5.10087	5.1314	5.19301				271	4.50204	4.40214	3.3597	4.57918	7.88639	8.86987				
277		272	5.07903	5.09926	5.12974	5.19131				272	4.48036	4.37999	3.34225	4.56589	7.88823	8.87092				
278		273	5.07744	5.09764	5.12807	5.18961				273	4.45869	4.35783	3.32481	4.56257	7.89007	8.87197				
279		274	5.07583	5.09599	5.12638	5.18793				274	4.43701	4.33568	3.30737	4.53923	7.89191	8.87302				
280		275	5.0742	5.09433	5.12468	5.18627				275	4.41533	4.31353	3.28992	4.53585	7.89375	8.87407				
281		276	5.07255	5.09265	5.12299	5.18463				276	4.39303	4.29084	3.2741	4.51243	7.87676	8.82063				
282		277	5.07088	5.09096	5.12131	5.18301				277	4.37018	4.26769	3.2597	4.49899	7.87846	8.82128				
283		278	5.0692	5.08927	5.11965	5.18142				278	4.34734	4.24454	3.2453	4.51551	7.88017	8.82194				
284		279	5.06752	5.08761	5.11802	5.17985				279	4.32449	4.22139	3.2309	4.472	7.88188	8.82259				
285		280	5.06587	5.08598	5.11644	5.17831				280	4.30164	4.19823	3.2165	4.46845	7.88358	8.82325				
286		281	5.06425	5.08439	5.11489	5.1768				281	4.2788	4.17508	3.2021	4.44488	7.88529	8.8239				
287		282	5.06267	5.08284	5.11338	5.17531				282	4.25595	4.15193	3.1877	4.44121	7.87062	8.77643				
288		283	5.06114	5.08134	5.11191	5.17384				283	4.2331	4.12878	3.1733	4.41747	7.87221	8.77674				
289		284	5.05965	5.07988	5.11046	5.17238				284	4.21025	4.10563	3.1589	4.40365	7.8738	8.77706				
290		285	5.05821	5.07845	5.10904	5.17093				285	4.18741	4.08247	3.1445	4.3998	7.87539	8.77737				
291		286	5.05679	5.07704	5.10762	5.16948				286	4.16456	4.05932	3.1301	4.37594	7.87698	8.77769				
292		287	5.05539	5.07564	5.10622	5.16804				287	4.14171	4.03617	3.1157	4.37205	7.87857	8.778				
293		288	5.05401	5.07426	5.10482	5.16659				288	4.11848	4.01275	3.10226	4.34815	7.86702	8.73779				
294		289	5.05264	5.07288	5.10343	5.16514				289	4.09492	3.98908	3.08967	4.33423	7.86852	8.73782				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
295		290	5.05128	5.07151	5.10203	5.16368				290	4.07135	3.96542	3.07708	4.35028	7.87002	8.73786				
296		291	5.04991	5.07013	5.10063	5.16222				291	4.04779	3.94175	3.06449	4.30637	7.87152	8.73789				
297		292	5.04855	5.06875	5.09922	5.16075				292	4.02423	3.91809	3.05189	4.30248	7.87302	8.73793				
298		293	5.04718	5.06736	5.0978	5.15926				293	4.00066	3.89443	3.0393	4.27861	7.87452	8.73796				
299		294	5.04581	5.06597	5.09638	5.15777				294	3.9771	3.87076	3.02671	4.2747	7.86714	8.70753				
300		295	5.04443	5.06457	5.09495	5.15626				295	3.95353	3.8471	3.01412	4.25074	7.86858	8.70736				
301		296	5.04304	5.06317	5.09351	5.15475				296	3.92997	3.82343	3.00153	4.23673	7.87002	8.70719				
302		297	5.04165	5.06175	5.09205	5.15322				297	3.90641	3.79977	2.98893	4.2327	7.87146	8.70702				
303		298	5.04024	5.06032	5.09059	5.15168				298	3.88284	3.77611	2.97634	4.20866	7.8729	8.70684				
304		299	5.03883	5.05888	5.08911	5.15012				299	3.85928	3.75244	2.96375	4.20461	7.87434	8.70667				
305		300	5.0374	5.05743	5.08762	5.14855				300	3.83565	3.72878	2.9527	4.18055	7.86775	8.67901				
306		301	5.03596	5.05597	5.08612	5.14697				301	3.81195	3.70511	2.94301	4.16648	7.86913	8.67866				
307		302	5.03451	5.05449	5.08461	5.14537				302	3.78826	3.68145	2.93331	4.18239	7.87052	8.67831				
308		303	5.03305	5.053	5.08308	5.14376				303	3.76457	3.65778	2.92362	4.13831	7.8719	8.67795				
309		304	5.03157	5.0515	5.08154	5.14214				304	3.74088	3.63412	2.91393	4.13423	7.87329	8.6776				
310		305	5.03008	5.04998	5.07998	5.1405				305	3.71718	3.61045	2.90423	4.11016	7.87467	8.67724				
311		306	5.02858	5.04845	5.07841	5.13885				306	3.69349	3.58679	2.89454	4.10609	7.86905	8.65326				
312		307	5.02706	5.04691	5.07683	5.13718				307	3.6698	3.56312	2.88484	4.08201	7.87039	8.65275				
313		308	5.02553	5.04535	5.07523	5.1355				308	3.64611	3.53946	2.87515	4.06793	7.87173	8.65225				
314		309	5.02399	5.04378	5.07362	5.13381				309	3.62242	3.51579	2.86545	4.06385	7.87307	8.65174				
315		310	5.02243	5.0422	5.07199	5.13211				310	3.59872	3.49213	2.85576	4.03978	7.87441	8.65123				
316		311	5.02086	5.0406	5.07035	5.13041				311	3.57503	3.46846	2.84606	4.0357	7.87575	8.65072				
317		312	5.01928	5.03899	5.0687	5.12871				312	3.55137	3.44508	2.8376	4.01163	7.87079	8.62883				
318		313	5.01768	5.03736	5.06703	5.12703				313	3.52775	3.42193	2.83021	3.99756	7.87209	8.62818				
319		314	5.01607	5.03572	5.06535	5.12535				314	3.50412	3.39879	2.82282	4.01349	7.87339	8.62754				
320		315	5.01444	5.03406	5.06366	5.12369				315	3.48049	3.37564	2.81543	3.96945	7.87469	8.62689				
321		316	5.01279	5.03239	5.06198	5.12204				316	3.45686	3.3525	2.80804	3.96546	7.87599	8.62625				
322		317	5.01114	5.03072	5.06031	5.12042				317	3.43323	3.32935	2.80065	3.94151	7.87729	8.6256				
323		318	5.00947	5.02905	5.05866	5.11882				318	3.40961	3.30621	2.79326	3.93757	7.87315	8.60651				
324		319	5.00781	5.0274	5.05703	5.11724				319	3.38598	3.28306	2.78587	3.91366	7.87441	8.60574				
325		320	5.00617	5.02577	5.05544	5.11569				320	3.36235	3.25992	2.77848	3.89977	7.87568	8.60498				
326		321	5.00455	5.02417	5.05389	5.11415				321	3.33872	3.23677	2.77109	3.89589	7.87694	8.60422				
327		322	5.00297	5.02262	5.05236	5.11264				322	3.31509	3.21363	2.7637	3.87202	7.87821	8.60346				
328		323	5.00143	5.02111	5.05087	5.11114				323	3.29147	3.19048	2.75631	3.86816	7.87948	8.6027				
329		324	4.99993	5.01963	5.0494	5.10966				324	3.26882	3.16789	2.75034	3.8443	7.87781	8.58907				
330		325	4.99847	5.01817	5.04795	5.10818				325	3.24705	3.14578	2.74561	3.83046	7.87905	8.58823				
331		326	4.99702	5.01674	5.04651	5.10671				326	3.22527	3.12367	2.74088	3.84662	7.8803	8.58739				
332		327	4.9956	5.01531	5.04507	5.10523				327	3.20349	3.10156	2.73615	3.803	7.88155	8.58655				
333		328	4.99419	5.0139	5.04365	5.10376				328	3.18171	3.07945	2.73142	3.79958	7.8828	8.58571				
334		329	4.99279	5.01249	5.04222	5.10228				329	3.15993	3.05735	2.72669	3.77637	7.88404	8.58487				
335		330	4.9914	5.01109	5.04079	5.1008				330	3.13815	3.03524	2.72196	3.77331	7.88576	8.57885				
336		331	4.99	5.00968	5.03936	5.09932				331	3.11637	3.01313	2.71723	3.75039	7.88701	8.57798				
337		332	4.98861	5.00827	5.03793	5.09783				332	3.09459	2.99102	2.7125	3.73762	7.88826	8.57711				
338		333	4.98722	5.00686	5.03649	5.09633				333	3.07281	2.96891	2.70776	3.7349	7.88951	8.57624				
339		334	4.98582	5.00545	5.03505	5.09482				334	3.05104	2.9468	2.70303	3.71224	7.89076	8.57537				
340		335	4.98441	5.00402	5.0336	5.0933				335	3.02926	2.92469	2.6983	3.70964	7.89201	8.5745				
341		336	4.983	5.00259	5.03214	5.09177				336	3.00613	2.9034	2.69483	3.68709	7.89576	8.5716				
342		337	4.98158	5.00116	5.03067	5.09024				337	2.98182	2.88283	2.69244	3.6746	7.89703	8.57071				
343		338	4.98016	4.99971	5.02919	5.08869				338	2.95752	2.86226	2.69006	3.69216	7.89829	8.56983				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
344		339	4.97873	4.99826	5.0277	5.08713				339	2.93321	2.84169	2.68768	3.6498	7.89956	8.56895				
345		340	4.97729	4.99679	5.02621	5.08556				340	2.90891	2.82111	2.6853	3.64751	7.90082	8.56806				
346		341	4.97583	4.99532	5.0247	5.08398				341	2.8846	2.80054	2.68292	3.6253	7.90209	8.56718				
347		342	4.97437	4.99384	5.02318	5.0824				342	2.86029	2.77997	2.68054	3.62312	7.90866	8.56869				
348		343	4.9729	4.99234	5.02165	5.08081				343	2.83599	2.75939	2.67816	3.60096	7.90996	8.56782				
349		344	4.97142	4.99084	5.02012	5.0792				344	2.81168	2.73882	2.67578	3.58884	7.91126	8.56695				
350		345	4.96993	4.98933	5.01856	5.07756				345	2.78737	2.71825	2.6734	3.58681	7.91255	8.56608				
351		346	4.96843	4.98781	5.017	5.07587				346	2.76307	2.69767	2.67102	3.56487	7.91385	8.56521				
352		347	4.96692	4.98627	5.01542	5.0742				347	2.73876	2.6771	2.66864	3.56303	7.91514	8.56434				
353		348	4.9654	4.98472	5.01385	5.07262				348	2.72402	2.6675	2.66753	3.54128	7.91945	8.56723				
354		349	4.96387	4.98314	5.01228	5.07122				349	2.71764	2.6675	2.66752	3.52963	7.92076	8.56638				
355		350	4.9623	4.98157	5.01069	5.07007				350	2.71126	2.6675	2.66752	3.54808	7.92208	8.56553				
356		351	4.96072	4.98001	5.00903	5.06926				351	2.70488	2.6675	2.66752	3.5077	7.92339	8.56469				
357		352	4.95917	4.97849	5.00731	5.06886				352	2.69851	2.6675	2.66752	3.5085	7.9247	8.56384				
358		353	4.95768	4.97692	5.00562	5.06895				353	2.69213	2.6675	2.66751	3.49048	7.92602	8.56299				
359		354	4.95619	4.9752	5.00412	5.06962				354	2.68915	2.6675	2.66751	3.49371	7.92569	8.56867				
360		355	4.9545	4.97332	5.00296	5.07094				355	2.68915	2.6675	2.66751	3.47819	7.92699	8.56786				
361		356	4.95257	4.97157	5.00231	5.07302				356	2.68915	2.6675	2.66751	3.47393	7.9283	8.56705				
362		357	4.95059	4.97032	5.00237	5.07595				357	2.68915	2.6675	2.66751	3.47985	7.9296	8.56624				
363		358	4.94929	4.9699	5.00332	5.07984				358	2.68915	2.6675	2.66751	3.46597	7.9309	8.56543				
364		359	4.94886	4.97037	5.00519	5.0847				359	2.68915	2.6675	2.66751	3.47249	7.93221	8.56462				

	A	B	C	D	E	F	G	H	I	J
4	**Issue Abbrev:**	car05.nc3		**Indicative**						
5				**Current Balance:**	52,688,000.00	**First Payment:**	7/25/2005			
6				**Initial Coupon:**	3.550	**Dated Date:**	6/7/2005			
7										
8	**Class Name:**	m6	m6	m6	m6	m6	m7	m7	m7	m7
9	**BE Type:**	1st Prin Loss	1st Prin Loss	1st Prin Loss	1st Prin Loss	1st Prin Loss	1st Prin Los	1st Prin Lo	1st Prin Lo	1st Prin Loss
10	**BE Rounding:**	1	1	1	1	1	1	1	1	1
11	**Settlement:**	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005
12	**Price:**	100	100	100	100	100	100	100	100	100
13	**Combined Prepay:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
14	**Stepdown:**	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
15	**Call:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
16	**Coupon History:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
17	**Indexes**									
18	***Index Shift(bp):***	200	200	200	300	-100	200	200	200	300
19	LIB1	forward	forward	forward	forward	forward	forward	forward	forward	forward
20	LIB3	2	2	2	2	2	2	2	2	2
21	LIB6	forward	forward	forward	forward	forward	forward	forward	forward	forward
22	LIB1Y	2	2	2	2	2	2	2	2	2
23	TSY3M	2	2	2	2	2	2	2	2	2
24	TSY1	2	2	2	2	2	2	2	2	2
25	TSY3	2	2	2	2	2	2	2	2	2
26	TSY5	2	2	2	2	2	2	2	2	2
27	TSY6	2	2	2	2	2	2	2	2	2
28	COFI	2	2	2	2	2	2	2	2	2
29	PRIM	2	2	2	2	2	2	2	2	2
30	CD6	2	2	2	2	2	2	2	2	2
31	**Group Scenario**									
32	**Group Name:**	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM
33	**Prepay Type:**	CPR	CPR	CPR	CPR	CPR	CPR	CPR	CPR	CPR
34	**PPV Name:**									
35	**Prepay Rate:**	40	55	30	55	55	40	55	30	55
36	**Default Mode:**	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR
37	**Default Curve Name:**									
38	**Loss Severity:**	60	60	60	60	60	60	60	60	60
39	**Recovery Delay:**	12	12	12	12	12	12	12	12	12
40	**P&I Advancing:**	YES	YES	YES	YES	YES	YES	YES	YES	YES
41	**Loss Advance Rate:**	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
42	**Default on Orig Balance:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
43	**Group Name:**	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX
44	**Prepay Type:**	HEP	HEP	HEP	HEP	HEP	HEP	HEP	HEP	HEP
45	**PPV Name:**									
46	**Prepay Rate:**	23	35	15	15	35	23	35	15	15
47	**Default Mode:**	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR
48	**Default Curve Name:**									
49	**Loss Severity:**	60	60	60	60	60	60	60	60	60
50	**Recovery Delay:**	12	12	12	12	12	12	12	12	12
51	**P&I Advancing:**	YES	YES	YES	YES	YES	YES	YES	YES	YES
52	**Loss Advance Rate:**	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
53	**Default on Orig Balance:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
54										

	A	B	C	D	E	F	G	H	I	J
55										
56										
57	**BE Results:**									
58	CLASS_NAME	M-6	M-6	M-6	M-6	M-6	M-7	M-7	M-7	M-7
59	BREAKEVEN_RATE	6.6	8.6	5.7	6.4	10.9	5.3	6.8	4.8	4.9
60	WAL	9.84011533	6.60372777	13.595674	12.16459901	6.52476935	10.725837	7.50793	15.57312	13.71828012
61	PRICE	100	100	100	100	100	100	100	100	100
62	YIELD	8.05306187	7.90158739	8.14452737	7.70650334	4.94206903	8.1575626	8.00481	8.232313	7.65652193
63	MOD_DURATION	6.66400227	5.0122634	8.12142449	7.48066749	5.50211126	7.0157376	5.47159	8.637123	8.06549147
64	MAC_DURATION	6.93233038	5.21028759	8.45215031	7.76891644	5.63807033	7.3018942	5.690585	8.992641	8.37425953
65	CONVEXITY	0.58755098	0.32060194	0.9163623	0.78750355	0.36830206	0.6590261	0.390211	1.070236	0.92839157
66	DISCOUNT_MARGIN	146.3840205	146.7371797	143.0288026	5.34485461	160.9855114	153.20463	152.0365	147.4036	-3.99229416
67	EFFECTIVE_RESET	157.7197244	157.8459331	154.5142368	16.19870622	167.9748385	164.67515	163.2738	159.0028	6.81212557
68	DV01	0.06664002	0.05012263	0.08121424	0.07480667	0.05502111	0.0701574	0.054716	0.086371	0.08065491
69	ACCRUED_INTEREST	0	0	0	0	0	0	0	0	0
70	PROCEEDS	33042000	33042000	33042000	33042000	33042000	25898000	25898000	25898000	25898000
71	PRINCIPAL_LOSS	0.00000001	0.00000001	0.00000002	0.00000003	0.00000001	2E-08	1E-08	2E-08	0.00000002
72	PRINCIPAL_LOSS_PCT	0	0	0	0	0	0	0	0	0
73	PRINCIPAL_WINDOW	94-179	63-125	131-240	105-252	61-142	104-189	70-258	147-327	124-255
74	PRINCIPAL_MONTHS	86	63	110	148	82	86	189	181	132
75	CASHFLOW_WINDOW	1-179	1-125	1-240	1-252	1-142	1-189	1-258	1-327	1-255
76	CASHFLOW_PERIODS	179	125	240	252	142	189	258	327	255
77	COLLATERAL_LOSS	144614194.2	126770282.9	172314342.6	121594709.6	157085339.6	118771805	1.02E+08	1.49E+08	96090364.13
78	COLLATERAL_LOSS_PCT	8.09685833	7.09778889	9.64777232	6.80801178	8.79510996	6.6499591	5.714181	8.314672	5.38003942

Get indicative | Calculate

Mortgage Analytics Loss Breakeven Calculator V4.2

Errors:

Issue Abbrev: car05.nc3

Indicative

Current Balance:	26,791,000.00	First Payment:	7/25/2005
Initial Coupon:	3.610	Dated Date:	6/7/2005

Class Name:	m3	m4	m5
BE Type:	1st Prin Loss	1st Prin Loss	1st Prin Loss
BE Rounding:	1	1	1
Settlement:	6/7/2005	6/7/2005	6/7/2005
Price:	100	100	100
Combined Prepay:	NO	NO	NO
Stepdown:	FAIL	FAIL	FAIL
Call:	NO	NO	NO
Coupon History:	NO	NO	NO

Indexes

Index Shift(bp):	100	100	100
LIB1	forward	forward	forward
LIB3	2	2	2
LIB6	forward	forward	forward
LIB1Y	2	2	2
TSY3M	2	2	2
TSY1	2	2	2
TSY3	2	2	2
TSY5	2	2	2
TSY6	2	2	2
COFI	2	2	2
PRIM	2	2	2
CD6	2	2	2

Group Scenario

Group Name:	G_ARM	G_ARM	G_ARM
Prepay Type:	PPV	PPV	PPV
PPV Name:			
Prepay Rate:	100	100	100
Default Mode:	CDR	CDR	CDR
Default Curve Name:			
Loss Severity:	40	40	40
Recovery Delay:	6	6	6
P&I Advancing:	YES	YES	YES
Loss Advance Rate:	100.00	100.00	100.00
Default on Orig Balance:	NO	NO	NO
Group Name:	G_FIX	G_FIX	G_FIX
Prepay Type:	PPV	PPV	PPV
PPV Name:			
Prepay Rate:	100	100	100
Default Mode:	CDR	CDR	CDR
Default Curve Name:			
Loss Severity:	40	40	40
Recovery Delay:	6	6	6
P&I Advancing:	YES	YES	YES
Loss Advance Rate:	100.00	100.00	100.00
Default on Orig Balance:	NO	NO	NO

BE Results:

CLASS_NAME	M-3	M-4	M-5
BREAKEVEN_RATE	19.2	15.1	13.1
WAL	9.24192214	8.77432164	10.52833174
PRICE	100	100	100
YIELD	6.13806409	6.29709855	6.46804443
MOD_DURATION	6.94019061	6.62022599	7.52813882
MAC_DURATION	7.15318728	6.828667	7.77152315
CONVEXITY	0.80741271	0.55513389	0.72995477
DISCOUNT_MARGIN	63.50842761	80.95690214	89.96995256
EFFECTIVE_RESET	72.19820236	89.87503363	99.10402042
DV01	0.06940191	0.06820226	0.07528137
ACCRUED_INTEREST	0	0	0
PROCEEDS	26791000	53581000	29470000
PRINCIPAL_LOSS	0.00000001	0.00000003	0.00000002
PRINCIPAL_LOSS_PCT	0	0	0
PRINCIPAL_WINDOW	90-187	83-183	102-234
PRINCIPAL_MONTHS	98	101	133
CASHFLOW_WINDOW	1-187	1-183	1-234
CASHFLOW_PERIODS	187	183	234
COLLATERAL_LOSS	298549484.9	251402094.4	225928698.3
COLLATERAL_LOSS_PCT	16.71559903	14.07584611	12.64980658

	BOND	CDR BE RATE	WAL	Cum Loss
1	M-3	19.2	9.24	16.72
2	M-4	15.1	8.77	14.08
3	M-5	13.1	10.53	12.65
4				
5				
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	A	B	C	D	E	F	G	H	I	J
4	**Issue Abbrev:**	car05.nc3		**Indicative**						
5				**Current Balance:**	52,688,000.00	**First Payment:**	7/25/2005			
6				**Initial Coupon:**	3.550	**Dated Date:**	6/7/2005			
7										
8	**Class Name:**	m2	m2	m2	m2	m2	m3	m3	m3	m3
9	**BE Type:**	1st Prin Loss	1st Prin Loss	1st Prin Loss	1st Prin Loss	1st Prin Loss	1st Prin Los	1st Prin Lo	1st Prin Lo	1st Prin Loss
10	**BE Rounding:**	1	1	1	1	1	1	1	1	1
11	**Settlement:**	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005	6/7/2005
12	**Price:**	100	100	100	100	100	100	100	100	100
13	**Combined Prepay:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
14	**Stepdown:**	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL	FAIL
15	**Call:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
16	**Coupon History:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
17	**Indexes**									
18	**Index Shift(bp):**	200	200	200	300	-100	200	200	200	300
19	LIB1	forward	forward	forward	forward	forward	forward	forward	forward	forward
20	LIB3	2	2	2	2	2	2	2	2	2
21	LIB6	forward	forward	forward	forward	forward	forward	forward	forward	forward
22	LIB1Y	2	2	2	2	2	2	2	2	2
23	TSY3M	2	2	2	2	2	2	2	2	2
24	TSY1	2	2	2	2	2	2	2	2	2
25	TSY3	2	2	2	2	2	2	2	2	2
26	TSY5	2	2	2	2	2	2	2	2	2
27	TSY6	2	2	2	2	2	2	2	2	2
28	COFI	2	2	2	2	2	2	2	2	2
29	PRIM	2	2	2	2	2	2	2	2	2
30	CD6	2	2	2	2	2	2	2	2	2
31	**Group Scenario**									
32	**Group Name:**	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM	G_ARM
33	**Prepay Type:**	CPR	CPR	CPR	CPR	CPR	CPR	CPR	CPR	CPR
34	**PPV Name:**									
35	**Prepay Rate:**	40	55	30	55	55	40	55	30	55
36	**Default Mode:**	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR
37	**Default Curve Name:**									
38	**Loss Severity:**	60	60	60	60	60	60	60	60	60
39	**Recovery Delay:**	12	12	12	12	12	12	12	12	12
40	**P&I Advancing:**	YES	YES	YES	YES	YES	YES	YES	YES	YES
41	**Loss Advance Rate:**	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
42	**Default on Orig Balance:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
43	**Group Name:**	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX	G_FIX
44	**Prepay Type:**	HEP	HEP	HEP	HEP	HEP	HEP	HEP	HEP	HEP
45	**PPV Name:**									
46	**Prepay Rate:**	23	35	15	15	35	23	35	15	15
47	**Default Mode:**	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR	CDR
48	**Default Curve Name:**									
49	**Loss Severity:**	60	60	60	60	60	60	60	60	60
50	**Recovery Delay:**	12	12	12	12	12	12	12	12	12
51	**P&I Advancing:**	YES	YES	YES	YES	YES	YES	YES	YES	YES
52	**Loss Advance Rate:**	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
53	**Default on Orig Balance:**	NO	NO	NO	NO	NO	NO	NO	NO	NO
54										
55										
56										
57	**BE Results:**									
58	CLASS_NAME	M-2	M-2	M-2	M-2	M-2	M-3	M-3	M-3	M-3
59	BREAKEVEN_RATE	14.9	20.4	11.9	16.6	23	13.2	18.1	10.6	14.4
60	WAL	6.7380725	4.51116226	9.27749383	6.4246314	4.39599015	8.8598522	6.080889	12.06409	9.48372784
61	PRICE	100	100	100	100	100	100	100	100	100
62	YIELD	6.96804008	6.82869769	7.08914448	7.77229176	3.7235628	7.1495618	7.009045	7.270092	7.69204783
63	MOD_DURATION	5.22706374	3.77081665	6.62759027	4.79586679	3.99633187	6.4293085	4.821538	7.923139	6.43039905
64	MAC_DURATION	5.40917569	3.89956549	6.86251	4.98224117	4.07073483	6.6591421	4.99051	8.211148	6.67771374
65	CONVEXITY	0.35025332	0.18026585	0.57673074	0.31253802	0.19491656	0.5314671	0.293251	0.837263	0.55794338
66	DISCOUNT_MARGIN	55.7981999	55.71162003	55.36537963	34.44624835	55.74570354	63.204928	63.70541	62.55881	13.17038099
67	EFFECTIVE_RESET	65.60365533	65.39681334	65.38521943	45.39099322	61.07238466	73.32133	73.53299	72.81289	24.02759278
68	DV01	0.05227064	0.03770817	0.0662759	0.04795867	0.03996332	0.0642931	0.048215	0.079231	0.06430399
69	ACCRUED_INTEREST	0	0	0	0	0	0	0	0	0
70	PROCEEDS	81266000	81266000	81266000	81266000	81266000	26791000	26791000	26791000	26791000
71	PRINCIPAL_LOSS	0.00000003	0.00000003	0.00000006	0.00000004	0.00000002	1E-08	1E-08	2E-08	0.00000001
72	PRINCIPAL_LOSS_PCT	0	0	0	0	0	0	0	0	0
73	PRINCIPAL_WINDOW	60-166	40-104	83-224	50-227	39-104	86-165	58-140	118-210	83-202
74	PRINCIPAL_MONTHS	107	65	142	178	66	80	83	93	120
75	CASHFLOW_WINDOW	1-166	1-104	1-224	1-227	1-104	1-165	1-140	1-210	1-202
76	CASHFLOW_PERIODS	166	104	224	227	104	165	140	210	202
77	COLLATERAL_LOSS	286481479.6	269987404.6	311239665.5	264519550.5	297841881.2	260254070	2.44E+08	2.85E+08	237214601.3
78	COLLATERAL_LOSS_PCT	16.03991895	15.116426	17.4261143	14.81028427	16.67598074	14.571463	13.67941	15.97055	13.28149723

	A	B	C	D	E	F
1	Assumptions:	Run to mat				
2		12 mos lag				
3		Triggers fail				
4		Defaults outside prepays				
5		Severity = 60				
6		CPR for ARMS, HEP for Fixed				
7						
8		**Class:**	**M-2**			
9						
10	Index	Fwd + 200	Fwd + 200	Fwd + 200	Fwd + 300	Fwd - 100
11	HEP/CPR	23/40	35/55	15/30	15/55	35/55
12	B/E CDR	14.9	20.4	11.9	16.6	23.0
13	Mod. Dur.	5.2	3.8	6.6	4.8	4.0
14	WAL	6.7	4.5	9.3	6.4	4.4
15	Coll Cum Loss (%)	16.0	15.1	17.4	14.8	16.7
16						
17		**Class:**	**M-3**			
18						
19	Index	Fwd + 200	Fwd + 200	Fwd + 200	Fwd + 300	Fwd - 100
20	HEP/CPR	23/40	35/55	15/30	15/55	35/55
21	B/E CDR	13.2	18.1	10.6	14.4	20.6
22	Mod. Dur	6.4	4.8	7.9	6.4	5.2
23	WAL	8.9	6.1	12.1	9.5	5.8
24	Coll Cum Loss (%)	14.6	13.7	16.0	13.3	15.2
25						
26		**Class:**	**M-6**			
27						
28	Index	Fwd + 200	Fwd + 200	Fwd + 200	Fwd + 300	Fwd - 100
29	HEP/CPR	23/40	35/55	15/30	15/55	35/55
30	B/E CDR	6.6	8.6	5.7	6.4	10.9
31	Mod. Dur.	6.7	5.0	8.1	7.5	5.5
32	WAL	9.8	6.6	13.6	12.2	6.5
33	Coll Cum Loss (%)	8.1	7.1	9.6	6.8	8.8
34						
35						
36		**Class:**	**M-7**			
37						
38	Index	Fwd + 200	Fwd + 200	Fwd + 200	Fwd + 300	Fwd - 100
39	HEP/CPR	23/40	35/55	15/30	15/55	35/55
40	B/E CDR	5.3	6.8	4.8	4.9	8.9
41	Mod. Dur.	7.0	5.5	8.6	8.1	5.8
42	WAL	10.7	7.5	15.6	13.7	7.0
43	Coll Cum Loss (%)	6.6	5.7	8.3	5.4	7.3

LIBOR forward curve as of: 5/25/2005 at 15:00

As of date:

Get LIB fwds

#MONTH	LIB1	LIB3	LIB6	LIB1Y
0	3.09	3.2972	3.51	3.74824
1	3.28468	3.43777	3.62881	3.81842
2	3.42894	3.57499	3.72829	3.88065
3	3.56985	3.69529	3.80545	3.93285
4	3.69392	3.78682	3.85906	3.97413
5	3.78765	3.8467	3.89288	4.00596
6	3.84273	3.87926	3.91505	4.03145
7	3.8724	3.89389	3.93559	4.05438
8	3.88467	3.90099	3.95815	4.07651
9	3.88634	3.91234	3.98335	4.09855
10	3.89355	3.93839	4.01069	4.12073
11	3.91851	3.97598	4.03927	4.14262
12	3.96397	4.01453	4.06707	4.16305
13	4.00558	4.04261	4.09148	4.18054
14	4.03339	4.06161	4.11229	4.19528
15	4.04766	4.07809	4.13029	4.20816
16	4.06217	4.09833	4.1464	4.22012
17	4.08249	4.12052	4.16072	4.23139
18	4.10797	4.13967	4.17293	4.2419
19	4.12829	4.15133	4.18278	4.25154
20	4.13954	4.15746	4.19085	4.26043
21	4.14269	4.16248	4.19806	4.26882
22	4.14657	4.17033	4.20537	4.277
23	4.15448	4.18015	4.21314	4.28511
24	4.16607	4.18941	4.22152	4.29325
25	4.17584	4.19603	4.23053	4.30148
26	4.18207	4.20157	4.23988	4.3099
27	4.18578	4.20889	4.2491	4.31863
28	4.19236	4.22012	4.2578	4.32777
29	4.20388	4.23307	4.26591	4.3372
30	4.21923	4.24399	4.27347	4.34673
31	4.23091	4.24998	4.28056	4.35618
32	4.23643	4.2531	4.2877	4.36556
33	4.23704	4.25712	4.29557	4.37497
34	4.2402	4.26516	4.30476	4.38451
35	4.24842	4.27617	4.31511	4.39414
36	4.26101	4.28772	4.32621	4.40375
37	4.27297	4.29786	4.3376	4.41327
38	4.28283	4.30733	4.34883	4.42276
39	4.29119	4.31774	4.35938	4.43236
40	4.30118	4.33015	4.36886	4.44211
41	4.31383	4.34288	4.37734	4.45185
42	4.32816	4.35335	4.38505	4.46132
43	4.3391	4.35969	4.39228	4.47034
44	4.34502	4.36374	4.39964	4.47919
45	4.34703	4.36851	4.40785	4.4883
46	4.35115	4.37647	4.41746	4.49802
47	4.35922	4.38698	4.42804	4.50819

TSY forward curve as of: 2/14/2005

Get TSY fwds

MONTH	TSY3M	TSY1	TSY10	COFI	PRIM	CD6
0	2.63276	3.06435	4.08699	2.65	5.5	4
1	2.82342	3.15127	4.10878	2.6226	5.76182	4.38681
2	3.01408	3.23818	4.13056	2.76605	5.81284	4.52492
3	3.11532	3.30835	4.14955	2.87275	5.86384	4.66298
4	3.13831	3.36388	4.16609	3.04801	5.91484	4.80098
5	3.1613	3.41941	4.18263	3.13031	5.96583	4.93893
6	3.18828	3.46783	4.19901	3.21879	6.12325	5.23331
7	3.21877	3.51002	4.21527	3.28772	6.20461	5.41574
8	3.24925	3.55221	4.23153	3.31355	6.28594	5.59807
9	3.32999	3.59354	4.24755	3.35229	6.36726	5.7803
10	3.45471	3.63411	4.26335	3.37476	6.44856	5.96243
11	3.57944	3.67469	4.27916	3.41577	6.52983	6.14447
12	3.65061	3.69804	4.29305	3.43802	6.48268	6.05781
13	3.67493	3.70632	4.30527	3.46939	6.5442	6.19852
14	3.69925	3.7146	4.3175	3.52839	6.60572	6.33917
15	3.7155	3.72022	4.32952	3.52861	6.66722	6.47977
16	3.72468	3.7235	4.34137	3.56852	6.72871	6.6203
17	3.73386	3.72679	4.35322	3.5907	6.79019	6.76078
18	3.72926	3.73247	4.36512	3.63145	6.66601	6.6647
19	3.7126	3.74024	4.37707	3.64874	6.70796	6.7803
20	3.69594	3.74801	4.38902	3.66777	6.74992	6.89586
21	3.69119	3.76041	4.40146	3.69333	6.79186	7.01138
22	3.69686	3.77685	4.41433	3.69967	6.8338	7.12686
23	3.70253	3.7933	4.42719	3.72632	6.87574	7.24231
24	3.7187	3.80914	4.44017	3.72594	6.75583	7.10505
25	3.74407	3.82443	4.45326	3.73553	6.78484	7.20031
26	3.76943	3.83972	4.46635	3.77419	6.81384	7.29555
27	3.79379	3.85323	4.47923	3.75484	6.84284	7.39077
28	3.81725	3.86518	4.49194	3.77746	6.87183	7.48595
29	3.84072	3.87713	4.50465	3.78207	6.90082	7.58111
30	3.85405	3.88663	4.51718	3.80636	6.83362	7.4094
31	3.8585	3.89399	4.52956	3.81034	6.85641	7.48739
32	3.86295	3.90135	4.54193	3.824	6.8792	7.56536
33	3.86915	3.9095	4.55445	3.84739	6.90199	7.64332
34	3.87688	3.91833	4.56709	3.85053	6.92478	7.72126
35	3.88461	3.92716	4.57973	3.87341	6.94757	7.79918
36	3.89173	3.93804	4.59206	3.87414	6.89594	7.66257
37	3.89829	3.9507	4.60412	3.88271	6.91471	7.72893
38	3.90486	3.96337	4.61618	3.91914	6.93347	7.79527
39	3.91584	3.9771	4.62834	3.89663	6.95224	7.8616
40	3.93066	3.99178	4.64058	3.9152	6.971	7.92792
41	3.94549	4.00646	4.65281	3.91483	6.98977	7.99422
42	3.9567	4.0211	4.66499	3.93465	6.96848	7.87802
43	3.96474	4.03571	4.67713	3.93466	6.98538	7.93586
44	3.97278	4.05033	4.68926	3.94486	7.00228	7.99368
45	3.98632	4.0667	4.70146	3.96645	7.01918	8.0515
46	4.00468	4.08461	4.71372	3.96942	7.03608	8.10931
47	4.02303	4.10252	4.72599	3.99379	7.05298	8.16711

PPV Schedules

PPV1	PPV2	PPV3
2	1	30
4	2	40
6	3	50
8	4	
10		
12		
14		
16		
18		
20		
22		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
53		48	4.37075	4.39845	4.43885	4.51851				48	4.03822	4.11987	4.73813	3.99609	6.99879	8.06949				
54		49	4.38244	4.4095	4.44926	4.52872				49	4.05063	4.13671	4.75017	4.00633	7.01279	8.12096				
55		50	4.3934	4.41991	4.45922	4.53879				50	4.06305	4.15356	4.7622	4.04449	7.02679	8.17242				
56		51	4.40364	4.42983	4.46883	4.54875				51	4.08185	4.17119	4.77423	4.02336	7.04079	8.22388				
57		52	4.41346	4.43937	4.47822	4.55866				52	4.10625	4.18949	4.78625	4.04294	7.05478	8.27533				
58		53	4.42292	4.44864	4.48753	4.56853				53	4.13064	4.20779	4.79828	4.04321	7.06878	8.32677				
59		54	4.43206	4.45774	4.4969	4.57839				54	4.15249	4.2248	4.81007	4.06438	7.04604	8.23468				
60		55	4.44107	4.46677	4.50646	4.58826				55	4.17211	4.24067	4.82168	4.06645	7.05871	8.28092				
61		56	4.45	4.47591	4.51619	4.59815				56	4.19173	4.25655	4.83328	4.07942	7.07137	8.32715				
62		57	4.45895	4.48535	4.52608	4.60806				57	4.21344	4.27143	4.84474	4.10315	7.08403	8.37337				
63		58	4.46828	4.49521	4.53605	4.61799				58	4.23699	4.28545	4.85609	4.10764	7.09669	8.41959				
64		59	4.4781	4.50533	4.54604	4.62789				59	4.26053	4.29947	4.86743	4.13291	7.10935	8.4658				
65		60	4.48833	4.51543	4.55594	4.63773				60	4.27406	4.31044	4.87799	4.1381	7.15981	8.38821				
66		61	4.4984	4.52529	4.56568	4.64747				61	4.27882	4.31875	4.88786	4.15322	7.17371	8.43038				
67		62	4.50817	4.53491	4.57528	4.65711				62	4.28359	4.32706	4.89773	4.19827	7.1876	8.47254				
68		63	4.51767	4.5444	4.58478	4.66669				63	4.29324	4.33599	4.90768	4.1826	7.2015	8.51469				
69		64	4.52707	4.55381	4.59421	4.67621				64	4.30718	4.34546	4.91771	4.20622	7.21539	8.55684				
70		65	4.53641	4.56316	4.60358	4.68569				65	4.32112	4.35493	4.92773	4.20913	7.22929	8.59898				
71		66	4.54569	4.57246	4.61291	4.69513				66	4.32966	4.36345	4.93767	4.23141	7.2497	8.50155				
72		67	4.55491	4.58169	4.6222	4.70453				67	4.33345	4.37113	4.94752	4.23306	7.26378	8.53954				
73		68	4.56407	4.59087	4.63145	4.7139				68	4.33725	4.37882	4.95738	4.24408	7.27787	8.57753				
74		69	4.57317	4.60002	4.64066	4.72323				69	4.34641	4.38755	4.96733	4.26503	7.29196	8.61551				
75		70	4.58225	4.60914	4.64984	4.73253				70	4.36025	4.3972	4.97738	4.26591	7.30604	8.65348				
76		71	4.59131	4.61824	4.659	4.7418				71	4.3741	4.40684	4.98742	4.28672	7.32013	8.69146				
77		72	4.60034	4.62731	4.66812	4.75104				72	4.38232	4.416	4.99737	4.28753	7.33708	8.59985				
78		73	4.60934	4.63634	4.6772	4.76023				73	4.38561	4.42472	5.00723	4.29834	7.35125	8.63428				
79		74	4.6183	4.64533	4.68625	4.76939				74	4.3889	4.43345	5.01709	4.33915	7.36541	8.66871				
80		75	4.62722	4.65429	4.69527	4.77851				75	4.39785	4.44312	5.02705	4.31977	7.37957	8.70314				
81		76	4.63611	4.66322	4.70426	4.78759				76	4.41175	4.4536	5.03711	4.34022	7.39373	8.73756				
82		77	4.64496	4.67212	4.71321	4.79662				77	4.42565	4.46409	5.04716	4.34049	7.40789	8.77198				
83		78	4.65379	4.68099	4.72213	4.80561				78	4.43393	4.47336	5.05711	4.36055	7.41978	8.686				
84		79	4.66259	4.68983	4.73101	4.81455				79	4.43729	4.48156	5.06696	4.3604	7.43388	8.71738				
85		80	4.67136	4.69863	4.73985	4.82344				80	4.44065	4.48976	5.07681	4.37004	7.44798	8.74876				
86		81	4.6801	4.70739	4.74864	4.83228				81	4.45015	4.50073	5.08678	4.38973	7.46208	8.78013				
87		82	4.68879	4.7161	4.75739	4.84106				82	4.46504	4.51412	5.09684	4.38946	7.47618	8.81151				
88		83	4.69744	4.72477	4.76607	4.84978				83	4.47993	4.52751	5.1069	4.40923	7.49028	8.84288				
89		84	4.70604	4.73338	4.77471	4.85844				84	4.48897	4.53758	5.11605	4.40918	7.51068	8.79984				
90		85	4.71458	4.74194	4.78329	4.86704				85	4.49289	4.54476	5.1244	4.41929	7.52493	8.82947				
91		86	4.72308	4.75045	4.79181	4.87558				86	4.49681	4.55194	5.13276	4.45957	7.53917	8.85909				
92		87	4.73152	4.7589	4.80027	4.88405				87	4.50715	4.56272	5.14119	4.43968	7.55342	8.8887				
93		88	4.7399	4.76729	4.80868	4.89244				88	4.5231	4.57665	5.1497	4.45962	7.56766	8.91832				
94		89	4.74822	4.77562	4.81702	4.90076				89	4.53906	4.59059	5.15821	4.45938	7.5819	8.94793				
95		90	4.75649	4.7839	4.8253	4.909				90	4.54923	4.60226	5.16652	4.47917	7.58128	8.87301				
96		91	4.7647	4.79211	4.83352	4.91715				91	4.55434	4.61195	5.17465	4.47899	7.5952	8.90033				
97		92	4.77285	4.80027	4.84166	4.92522				92	4.55946	4.62163	5.18278	4.48884	7.60911	8.92765				
98		93	4.78094	4.80836	4.84973	4.93321				93	4.57152	4.63378	5.19096	4.50878	7.62303	8.95497				
99		94	4.78896	4.81637	4.85771	4.94111				94	4.58967	4.64808	5.19918	4.50881	7.63694	8.98229				
100		95	4.79692	4.82431	4.8656	4.94892				95	4.60781	4.66237	5.2074	4.52895	7.65086	9.0096				
101		96	4.8048	4.83216	4.8734	4.95665				96	4.61992	4.67691	5.21537	4.52918	7.64568	8.93954				
102		97	4.81259	4.83991	4.8811	4.96429				97	4.62674	4.69166	5.22312	4.53951	7.6592	8.96485				
103		98	4.82027	4.84757	4.88871	4.97183				98	4.63356	4.70642	5.23087	4.57994	7.67272	8.99016				
104		99	4.82786	4.85513	4.89624	4.97929				99	4.64758	4.72252	5.23862	4.56052	7.68624	9.01547				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
105		100	4.83536	4.8626	4.90368	4.98665				100	4.6679	4.73979	5.24636	4.58126	7.69975	9.04078				
106		101	4.84277	4.86998	4.91103	4.99391				101	4.68823	4.75707	5.25411	4.58216	7.71327	9.06609				
107		102	4.85009	4.87728	4.91831	5.00109				102	4.70264	4.77313	5.26155	4.60306	7.70404	9.0012				
108		103	4.85733	4.88451	4.92551	5.00817				103	4.71187	4.78814	5.26872	4.60396	7.71712	9.02476				
109		104	4.8645	4.89166	4.93262	5.01515				104	4.7211	4.80314	5.2759	4.61488	7.7302	9.04832				
110		105	4.87159	4.89873	4.93964	5.02204				105	4.73815	4.82171	5.28303	4.6361	7.74327	9.07188				
111		106	4.87861	4.90572	4.94657	5.02883				106	4.76202	4.84341	5.29011	4.63761	7.75635	9.09543				
112		107	4.88554	4.91262	4.95339	5.03553				107	4.78589	4.86511	5.2972	4.65943	7.76942	9.11899				
113		108	4.8924	4.91942	4.96011	5.04213				108	4.80353	4.88311	5.30293	4.66165	7.75755	9.05885				
114		109	4.89914	4.92611	4.96673	5.04864				109	4.81571	4.89789	5.30748	4.67426	7.77017	9.08088				
115		110	4.90577	4.93269	4.97324	5.05505				110	4.82789	4.91267	5.31203	4.71728	7.78278	9.1029				
116		111	4.9123	4.93917	4.97966	5.06137				111	4.84812	4.9315	5.31645	4.70021	7.7954	9.12492				
117		112	4.91872	4.94555	4.98598	5.06759				112	4.87542	4.95388	5.32075	4.72306	7.80802	9.14694				
118		113	4.92504	4.95183	4.99222	5.07373				113	4.90271	4.97627	5.32505	4.72583	7.82063	9.16895				
119		114	4.93127	4.95803	4.99838	5.07977				114	4.92393	4.99515	5.32886	4.7487	7.80632	9.11266				
120		115	4.93741	4.96415	5.00446	5.08572				115	4.93984	5.01098	5.33222	4.75167	7.81846	9.13332				
121		116	4.94348	4.97019	5.01045	5.09158				116	4.95575	5.02681	5.33558	4.76474	7.83061	9.15398				
122		117	4.94948	4.97615	5.01636	5.09735				117	4.9768	5.04262	5.3387	4.78793	7.84276	9.17464				
123		118	4.95539	4.98204	5.02218	5.10303				118	5.00235	5.05841	5.34161	4.79124	7.85491	9.19529				
124		119	4.96123	4.98784	5.0279	5.10861				119	5.0279	5.0742	5.34452	4.81466	7.86705	9.21595				
125		120	4.96698	4.99354	5.03353	5.11409				120	5.04235	5.08686	5.34694	4.81781	7.89929	9.21448				
126		121	4.97264	4.99914	5.03906	5.11948				121	5.04708	5.09678	5.34891	4.83071	7.91176	9.23477				
127		122	4.9782	5.00465	5.0445	5.12477				122	5.05182	5.1067	5.35088	4.87334	7.92424	9.25506				
128		123	4.98365	5.01006	5.04984	5.12997				123	5.06403	5.11763	5.35278	4.85537	7.93671	9.27534				
129		124	4.98902	5.01538	5.05509	5.13507				124	5.08279	5.12945	5.35461	4.8768	7.94919	9.29563				
130		125	4.99429	5.02061	5.06025	5.14008				125	5.10154	5.14127	5.35644	4.87764	7.96166	9.31591				
131		126	4.99948	5.02575	5.06531	5.145				126	5.11238	5.15111	5.35788	4.89789	7.94542	9.26614				
132		127	5.00457	5.0308	5.07029	5.14982				127	5.11629	5.15922	5.35896	4.89757	7.95745	9.28532				
133		128	5.00958	5.03576	5.07517	5.15455				128	5.1202	5.16734	5.36005	4.90667	7.96947	9.30451				
134		129	5.0145	5.04062	5.07996	5.15919				129	5.12915	5.17827	5.36106	4.92568	7.98149	9.32369				
135		130	5.01932	5.04539	5.08466	5.16374				130	5.1425	5.19167	5.36201	4.9246	7.99351	9.34287				
136		131	5.02405	5.05007	5.08927	5.16819				131	5.15586	5.20506	5.36296	4.94344	8.00553	9.36205				
137		132	5.02869	5.05467	5.09379	5.17255				132	5.16812	5.21661	5.36247	4.94219	7.98726	9.31293				
138		133	5.03324	5.05918	5.09822	5.17683				133	5.17943	5.22653	5.36072	4.95087	7.99883	9.33109				
139		134	5.03772	5.0636	5.10257	5.18101				134	5.19074	5.23646	5.35896	4.98947	8.0104	9.34924				
140		135	5.04211	5.06794	5.10682	5.1851				135	5.20203	5.24638	5.3572	4.9681	8.02196	9.3674				
141		136	5.04641	5.07218	5.11098	5.18909				136	5.21331	5.25629	5.35542	4.98677	8.03353	9.38555				
142		137	5.05062	5.07634	5.11505	5.19299				137	5.22459	5.2662	5.35365	4.98547	8.04509	9.4037				
143		138	5.05473	5.0804	5.11904	5.19679				138	5.23487	5.2757	5.35133	5.00384	8.02468	9.3545				
144		139	5.05876	5.08437	5.12293	5.2005				139	5.24429	5.28484	5.34851	5.00189	8.03579	9.37168				
145		140	5.0627	5.08826	5.12674	5.20412				140	5.2537	5.29398	5.3457	5.00962	8.04689	9.38887				
146		141	5.06655	5.09206	5.13046	5.20765				141	5.26312	5.30312	5.34289	5.02716	8.058	9.40605				
147		142	5.07032	5.09578	5.13408	5.21109				142	5.27253	5.31227	5.34008	5.02453	8.0691	9.42323				
148		143	5.07401	5.09941	5.13761	5.21445				143	5.28195	5.32141	5.33726	5.04171	8.0802	9.44042				
149		144	5.07761	5.10295	5.14104	5.21772				144	5.29103	5.32967	5.33386	5.03881	8.05653	9.39021				
150		145	5.08112	5.10638	5.14438	5.2209				145	5.29983	5.33717	5.32994	5.04581	8.06716	9.40647				
151		146	5.08452	5.10972	5.14763	5.224				146	5.30863	5.34466	5.32602	5.08272	8.07778	9.42272				
152		147	5.08783	5.11296	5.15079	5.22701				147	5.31742	5.35216	5.32209	5.05944	8.0884	9.43897				
153		148	5.09104	5.11611	5.15387	5.22994				148	5.32621	5.35965	5.31816	5.07595	8.09903	9.45523				
154		149	5.09417	5.11919	5.15688	5.23279				149	5.33499	5.36714	5.31422	5.07227	8.10965	9.47148				
155		150	5.09721	5.12219	5.15982	5.23555				150	5.34328	5.3745	5.30969	5.08848	8.08189	9.41961				
156		151	5.10019	5.12512	5.16269	5.23823				151	5.35113	5.38175	5.30463	5.0846	8.092	9.43496				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
157		152	5.1031	5.12799	5.16548	5.24082				152	5.35899	5.38899	5.29958	5.09062	8.10212	9.45032				
158		153	5.10594	5.13079	5.1682	5.24333				153	5.36684	5.39623	5.29452	5.10646	8.11224	9.46567				
159		154	5.10871	5.13352	5.17082	5.24575				154	5.3747	5.40348	5.28947	5.10212	8.12235	9.48102				
160		155	5.11142	5.13617	5.17336	5.24809				155	5.38255	5.41072	5.28441	5.1176	8.13247	9.49637				
161		156	5.11406	5.13873	5.17581	5.25035				156	5.38983	5.41737	5.278	5.11299	8.10058	9.44286				
162		157	5.1166	5.14119	5.17816	5.25252				157	5.3966	5.42349	5.27039	5.11829	8.11016	9.45734				
163		158	5.11903	5.14355	5.18041	5.25461				158	5.40337	5.42962	5.26278	5.15349	8.11974	9.47181				
164		159	5.12137	5.14581	5.18259	5.25662				159	5.41013	5.43574	5.25516	5.12845	8.12932	9.48629				
165		160	5.12362	5.14799	5.18468	5.25855				160	5.41689	5.44184	5.24754	5.14319	8.1389	9.50076				
166		161	5.12577	5.15009	5.1867	5.2604				161	5.42364	5.44795	5.23991	5.1377	8.14848	9.51524				
167		162	5.12785	5.15211	5.18866	5.26217				162	5.42985	5.45347	5.23164	5.15209	8.11202	9.45956				
168		163	5.12985	5.15407	5.19054	5.26386				163	5.43559	5.45848	5.22282	5.14637	8.12104	9.47318				
169		164	5.1318	5.15597	5.19236	5.26547				164	5.44134	5.46349	5.21399	5.15053	8.13006	9.48679				
170		165	5.13367	5.15779	5.1941	5.26701				165	5.44708	5.4685	5.20517	5.16449	8.13907	9.50041				
171		166	5.13549	5.15956	5.19576	5.26847				166	5.45282	5.4735	5.19635	5.15824	8.14809	9.51402				
172		167	5.13723	5.16125	5.19734	5.26985				167	5.45856	5.47851	5.18752	5.17177	8.1571	9.52764				
173		168	5.13892	5.16285	5.19883	5.27116				168	5.46361	5.48232	5.17803	5.1652	8.11648	9.46983				
174		169	5.14051	5.16437	5.20024	5.2724				169	5.46807	5.48507	5.16796	5.16852	8.12491	9.4826				
175		170	5.14201	5.1658	5.20157	5.27356				170	5.47252	5.48782	5.1579	5.20174	8.13334	9.49537				
176		171	5.14343	5.16715	5.20283	5.27465				171	5.47697	5.49057	5.14782	5.17472	8.14177	9.50814				
177		172	5.14476	5.16841	5.20401	5.27567				172	5.4814	5.49332	5.13773	5.18747	8.1502	9.52091				
178		173	5.14602	5.16961	5.20513	5.27662				173	5.48584	5.49606	5.12764	5.17999	8.15863	9.53368				
179		174	5.1472	5.17074	5.20619	5.2775				174	5.48963	5.49862	5.11689	5.19238	8.11434	9.47339				
180		175	5.14832	5.17181	5.20719	5.27831				175	5.49287	5.501	5.10558	5.18464	8.12217	9.48532				
181		176	5.14938	5.17283	5.20812	5.27906				176	5.4961	5.50337	5.09426	5.18678	8.12999	9.49726				
182		177	5.15039	5.17378	5.20899	5.27973				177	5.49934	5.50575	5.08294	5.19871	8.13782	9.5092				
183		178	5.15133	5.17468	5.2098	5.28034				178	5.50258	5.50813	5.07163	5.19043	8.14565	9.52113				
184		179	5.15223	5.17551	5.21053	5.28088				179	5.50581	5.51051	5.06031	5.20194	8.15347	9.53307				
185		180	5.15306	5.17628	5.21118	5.28136				180	5.50826	5.51209	5.04788	5.19333	8.10666	9.47019				
186		181	5.15381	5.17696	5.21177	5.28178				181	5.51002	5.51297	5.03447	5.1946	8.11389	9.4813				
187		182	5.15449	5.17757	5.21228	5.28214				182	5.51179	5.51385	5.02106	5.22574	8.12111	9.49241				
188		183	5.15509	5.1781	5.21272	5.28244				183	5.51353	5.51471	5.00764	5.19667	8.12834	9.50352				
189		184	5.15562	5.17857	5.21311	5.28269				184	5.51527	5.51556	4.99421	5.20739	8.13556	9.51464				
190		185	5.15608	5.17897	5.21344	5.28289				185	5.51701	5.51642	4.98079	5.1979	8.14279	9.52575				
191		186	5.15648	5.17932	5.21372	5.28304				186	5.51797	5.51646	4.96672	5.20825	8.09452	9.45957				
192		187	5.15682	5.17962	5.21395	5.28316				187	5.51825	5.51581	4.9521	5.19846	8.10115	9.46986				
193		188	5.15711	5.17986	5.21413	5.28323				188	5.51853	5.51516	4.93748	5.19851	8.10778	9.48014				
194		189	5.15735	5.18006	5.21427	5.28325				189	5.51882	5.51451	4.92286	5.20835	8.11441	9.49043				
195		190	5.15755	5.18022	5.21437	5.28324				190	5.5191	5.51385	4.90824	5.19799	8.12104	9.50072				
196		191	5.15771	5.18033	5.21443	5.28319				191	5.51938	5.5132	4.89362	5.20741	8.12767	9.511				
197		192	5.15782	5.18041	5.21446	5.28309				192	5.51834	5.51099	4.87806	5.19668	8.07867	9.44163				
198		193	5.1579	5.18045	5.21444	5.28295				193	5.51614	5.50743	4.86167	5.19579	8.08473	9.4511				
199		194	5.15794	5.18046	5.2144	5.28277				194	5.51394	5.50386	4.84528	5.22474	8.09078	9.46056				
200		195	5.15794	5.18043	5.21431	5.28255				195	5.51174	5.50029	4.82889	5.19345	8.09684	9.47002				
201		196	5.15791	5.18037	5.21419	5.28228				196	5.50953	5.49672	4.8125	5.20191	8.10289	9.47948				
202		197	5.15785	5.18027	5.21402	5.28196				197	5.50733	5.49315	4.79611	5.19012	8.10895	9.48894				
203		198	5.15775	5.18013	5.21381	5.28161				198	5.50513	5.48959	4.77972	5.19812	8.06079	9.41876				
204		199	5.15762	5.17995	5.21355	5.2812				199	5.50293	5.48602	4.76333	5.1859	8.06631	9.42743				
205		200	5.15744	5.17972	5.21325	5.28075				200	5.50073	5.48245	4.74694	5.18348	8.07182	9.43609				
206		201	5.15722	5.17944	5.2129	5.28026				201	5.49852	5.47888	4.73054	5.19099	8.07733	9.44475				
207		202	5.15694	5.17912	5.21249	5.27973				202	5.49632	5.47531	4.71415	5.17843	8.08284	9.45342				
208		203	5.15662	5.17874	5.21205	5.27916				203	5.49412	5.47174	4.69776	5.18581	8.08835	9.46208				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
209		204	5.15624	5.17832	5.21156	5.27855				204	5.48993	5.4661	4.68008	5.17312	8.04205	9.39082				
210		205	5.15582	5.17785	5.21103	5.2779				205	5.484	5.45864	4.66126	5.17037	8.04706	9.3987				
211		206	5.15536	5.17735	5.21046	5.27722				206	5.47807	5.45117	4.64244	5.19755	8.05207	9.40659				
212		207	5.15486	5.1768	5.20986	5.2765				207	5.47215	5.44371	4.62363	5.16441	8.05707	9.41447				
213		208	5.15432	5.17622	5.20922	5.27575				208	5.46622	5.43625	4.60481	5.17096	8.06208	9.42236				
214		209	5.15375	5.17561	5.20855	5.27497				209	5.46029	5.42879	4.58599	5.15719	8.06709	9.43024				
215		210	5.15314	5.17496	5.20785	5.27416				210	5.45436	5.42132	4.56718	5.16311	8.02225	9.35584				
216		211	5.15249	5.17428	5.20712	5.27333				211	5.44843	5.41386	4.54836	5.14874	8.02679	9.36294				
217		212	5.15182	5.17357	5.20635	5.27246				212	5.44251	5.4064	4.52954	5.14406	8.03132	9.37005				
218		213	5.15112	5.17284	5.20556	5.27156				213	5.43658	5.39894	4.51072	5.14931	8.03586	9.37716				
219		214	5.15039	5.17207	5.20474	5.27064				214	5.43065	5.39147	4.49191	5.13448	8.04039	9.38426				
220		215	5.14962	5.17127	5.2039	5.26968				215	5.42472	5.38401	4.47309	5.13957	8.04492	9.39137				
221		216	5.14884	5.17045	5.20302	5.2687				216	5.41656	5.37421	4.45333	5.12458	8.00265	9.31656				
222		217	5.14802	5.1696	5.20212	5.2677				217	5.40644	5.36237	4.43274	5.11952	8.00676	9.32291				
223		218	5.14718	5.16872	5.20119	5.26666				218	5.39631	5.35052	4.41216	5.14437	8.01086	9.32926				
224		219	5.14631	5.16782	5.20023	5.2656				219	5.38619	5.33867	4.39158	5.10893	8.01496	9.33562				
225		220	5.14541	5.16689	5.19925	5.26451				220	5.37607	5.32683	4.37099	5.11318	8.01907	9.34197				
226		221	5.14449	5.16593	5.19824	5.2634				221	5.36595	5.31498	4.35041	5.09712	8.02317	9.34832				
227		222	5.14354	5.16495	5.19721	5.26226				222	5.35583	5.30314	4.32982	5.10073	7.98353	9.27145				
228		223	5.14256	5.16394	5.19615	5.2611				223	5.3457	5.29129	4.30924	5.08402	7.98724	9.27706				
229		224	5.14156	5.1629	5.19506	5.25991				224	5.33558	5.27944	4.28865	5.07697	7.99095	9.28266				
230		225	5.14054	5.16184	5.19395	5.25869				225	5.32546	5.2676	4.26807	5.07984	7.99467	9.28827				
231		226	5.13949	5.16076	5.19281	5.25745				226	5.31534	5.25575	4.24748	5.06261	7.99838	9.29388				
232		227	5.13841	5.15965	5.19165	5.25619				227	5.30522	5.24391	4.2269	5.0653	8.00209	9.29949				
233		228	5.13731	5.15851	5.19047	5.2549				228	5.29261	5.22973	4.20618	5.04789	7.96507	9.22321				
234		229	5.13619	5.15736	5.18926	5.2536				229	5.27782	5.2135	4.18533	5.0404	7.96843	9.22811				
235		230	5.13504	5.15618	5.18803	5.25227				230	5.26303	5.19728	4.16448	5.06282	7.97178	9.233				
236		231	5.13387	5.15497	5.18677	5.25094				231	5.24824	5.18105	4.14364	5.02493	7.97514	9.2379				
237		232	5.13268	5.15375	5.18549	5.24959				232	5.23346	5.16483	4.12279	5.02674	7.9785	9.24279				
238		233	5.13146	5.1525	5.18419	5.24824				233	5.21867	5.1486	4.10195	5.00825	7.98185	9.24769				
239		234	5.13022	5.15122	5.18287	5.24688				234	5.20388	5.13238	4.0811	5.00943	7.94773	9.17093				
240		235	5.12895	5.14992	5.18153	5.24553				235	5.1891	5.11616	4.06026	4.99026	7.95077	9.17513				
241		236	5.12767	5.1486	5.18018	5.24418				236	5.17431	5.09993	4.03941	4.98076	7.95381	9.17933				
242		237	5.12636	5.14727	5.17883	5.24284				237	5.15952	5.08371	4.01857	4.98117	7.95685	9.18353				
243		238	5.12503	5.14593	5.17749	5.2415				238	5.14473	5.06748	3.99772	4.96151	7.95989	9.18773				
244		239	5.1237	5.14458	5.17616	5.24017				239	5.12995	5.05126	3.97688	4.96177	7.96292	9.19193				
245		240	5.12236	5.14325	5.17484	5.23885				240	5.11341	5.03363	3.95576	4.94195	7.93239	9.11877				
246		241	5.12104	5.14194	5.17354	5.23753				241	5.09533	5.01478	3.93441	4.93205	7.93515	9.12233				
247		242	5.11974	5.14065	5.17226	5.23622				242	5.07726	4.99593	3.91306	4.95207	7.93791	9.12589				
248		243	5.11847	5.13938	5.17099	5.23492				243	5.05919	4.97708	3.89171	4.91193	7.94067	9.12945				
249		244	5.11721	5.13813	5.16973	5.23361				244	5.04111	4.95823	3.87036	4.91164	7.94343	9.13301				
250		245	5.11596	5.13688	5.16847	5.23229				245	5.02304	4.93937	3.84901	4.89118	7.94619	9.13657				
251		246	5.11473	5.13565	5.16721	5.23097				246	5.00496	4.92052	3.82766	4.89049	7.92005	9.06728				
252		247	5.11351	5.13441	5.16594	5.22964				247	4.98689	4.90167	3.80631	4.86956	7.92258	9.07025				
253		248	5.11228	5.13317	5.16467	5.2283				248	4.96882	4.88282	3.78496	4.8584	7.9251	9.07322				
254		249	5.11105	5.13192	5.1634	5.22695				249	4.95074	4.86397	3.76361	4.85716	7.92763	9.07619				
255		250	5.10981	5.13066	5.16211	5.22558				250	4.93267	4.84512	3.74226	4.83586	7.93015	9.07916				
256		251	5.10857	5.1294	5.16081	5.2242				251	4.91459	4.82626	3.72091	4.8345	7.93268	9.08213				
257		252	5.10732	5.12812	5.15949	5.2228				252	4.89546	4.80642	3.70117	4.81307	7.90952	9.01697				
258		253	5.10605	5.12683	5.15816	5.22139				253	4.87539	4.78572	3.68285	4.80157	7.91185	9.01941				
259		254	5.10477	5.12553	5.15682	5.21996				254	4.85532	4.76502	3.66453	4.82001	7.91417	9.02184				
260		255	5.10348	5.12421	5.15546	5.21852				255	4.83525	4.74431	3.64621	4.77835	7.91649	9.02427				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
261		256	5.10217	5.12288	5.15409	5.21705				256	4.81518	4.72361	3.62789	4.77661	7.91882	9.0267				
262		257	5.10085	5.12153	5.1527	5.21557				257	4.79511	4.70291	3.60957	4.75477	7.92114	9.02914				
263		258	5.09952	5.12016	5.15129	5.21408				258	4.77505	4.6822	3.59125	4.75277	7.9017	8.96884				
264		259	5.09816	5.11878	5.14986	5.21256				259	4.75498	4.6615	3.57293	4.73063	7.90386	8.97078				
265		260	5.09679	5.11739	5.14842	5.21103				260	4.73491	4.6408	3.55461	4.71834	7.90601	8.97273				
266		261	5.09541	5.11597	5.14696	5.20947				261	4.71484	4.62009	3.53629	4.71601	7.90817	8.97468				
267		262	5.09401	5.11454	5.14549	5.2079				262	4.69477	4.59939	3.51797	4.69364	7.91032	8.97663				
268		263	5.09259	5.11309	5.14399	5.20632				263	4.6747	4.57868	3.49965	4.69123	7.91248	8.97858				
269		264	5.09115	5.11162	5.14248	5.20471				264	4.65378	4.55721	3.48179	4.66878	7.89342	8.91948				
270		265	5.08969	5.11014	5.14095	5.20308				265	4.6321	4.53506	3.46435	4.65629	7.89542	8.92097				
271		266	5.08822	5.10864	5.1394	5.20144				266	4.61042	4.5129	3.44691	4.67376	7.89741	8.92246				
272		267	5.08673	5.10712	5.13784	5.19978				267	4.58875	4.49075	3.42947	4.6311	7.89941	8.92395				
273		268	5.08523	5.10558	5.13625	5.1981				268	4.56707	4.4686	3.41202	4.62831	7.9014	8.92544				
274		269	5.08371	5.10403	5.13465	5.19641				269	4.54539	4.44644	3.39458	4.60538	7.9034	8.92692				
275		270	5.08217	5.10246	5.13303	5.19471				270	4.52372	4.42429	3.37714	4.60234	7.88454	8.86882				
276		271	5.08061	5.10087	5.1314	5.19301				271	4.50204	4.40214	3.3597	4.57918	7.88639	8.86987				
277		272	5.07903	5.09926	5.12974	5.19131				272	4.48036	4.37999	3.34225	4.56589	7.88823	8.87092				
278		273	5.07744	5.09764	5.12807	5.18961				273	4.45869	4.35783	3.32481	4.56257	7.89007	8.87197				
279		274	5.07583	5.09599	5.12638	5.18793				274	4.43701	4.33568	3.30737	4.53923	7.89191	8.87302				
280		275	5.0742	5.09433	5.12468	5.18627				275	4.41533	4.31353	3.28992	4.53585	7.89375	8.87407				
281		276	5.07255	5.09265	5.12299	5.18463				276	4.39303	4.29084	3.2741	4.51243	7.87676	8.82063				
282		277	5.07088	5.09096	5.12131	5.18301				277	4.37018	4.26769	3.2597	4.49899	7.87846	8.82128				
283		278	5.0692	5.08927	5.11965	5.18142				278	4.34734	4.24454	3.2453	4.51551	7.88017	8.82194				
284		279	5.06752	5.08761	5.11802	5.17985				279	4.32449	4.22139	3.2309	4.472	7.88188	8.82259				
285		280	5.06587	5.08598	5.11644	5.17831				280	4.30164	4.19823	3.2165	4.46845	7.88358	8.82325				
286		281	5.06425	5.08439	5.11489	5.1768				281	4.2788	4.17508	3.2021	4.44488	7.88529	8.8239				
287		282	5.06267	5.08284	5.11338	5.17531				282	4.25595	4.15193	3.1877	4.44121	7.87062	8.77643				
288		283	5.06114	5.08134	5.11191	5.17384				283	4.2331	4.12878	3.1733	4.41747	7.87221	8.77674				
289		284	5.05965	5.07988	5.11046	5.17238				284	4.21025	4.10563	3.1589	4.40365	7.8738	8.77706				
290		285	5.05821	5.07845	5.10904	5.17093				285	4.18741	4.08247	3.1445	4.3998	7.87539	8.77737				
291		286	5.05679	5.07704	5.10762	5.16948				286	4.16456	4.05932	3.1301	4.37594	7.87698	8.77769				
292		287	5.05539	5.07564	5.10622	5.16804				287	4.14171	4.03617	3.1157	4.37205	7.87857	8.778				
293		288	5.05401	5.07426	5.10482	5.16659				288	4.11848	4.01275	3.10226	4.34815	7.86702	8.73779				
294		289	5.05264	5.07288	5.10343	5.16514				289	4.09492	3.98908	3.08967	4.33423	7.86852	8.73782				
295		290	5.05128	5.07151	5.10203	5.16368				290	4.07135	3.96542	3.07708	4.35028	7.87002	8.73786				
296		291	5.04991	5.07013	5.10063	5.16222				291	4.04779	3.94175	3.06449	4.30637	7.87152	8.73789				
297		292	5.04855	5.06875	5.09922	5.16075				292	4.02423	3.91809	3.05189	4.30248	7.87302	8.73793				
298		293	5.04718	5.06736	5.0978	5.15926				293	4.00066	3.89443	3.0393	4.27861	7.87452	8.73796				
299		294	5.04581	5.06597	5.09638	5.15777				294	3.9771	3.87076	3.02671	4.2747	7.86714	8.70753				
300		295	5.04443	5.06457	5.09495	5.15626				295	3.95353	3.8471	3.01412	4.25074	7.86858	8.70736				
301		296	5.04304	5.06317	5.09351	5.15475				296	3.92997	3.82343	3.00153	4.23673	7.87002	8.70719				
302		297	5.04165	5.06175	5.09205	5.15322				297	3.90641	3.79977	2.98893	4.2327	7.87146	8.70702				
303		298	5.04024	5.06032	5.09059	5.15168				298	3.88284	3.77611	2.97634	4.20866	7.8729	8.70684				
304		299	5.03883	5.05888	5.08911	5.15012				299	3.85928	3.75244	2.96375	4.20461	7.87434	8.70667				
305		300	5.0374	5.05743	5.08762	5.14855				300	3.83565	3.72878	2.9527	4.18055	7.86775	8.67901				
306		301	5.03596	5.05597	5.08612	5.14697				301	3.81195	3.70511	2.94301	4.16648	7.86913	8.67866				
307		302	5.03451	5.05449	5.08461	5.14537				302	3.78826	3.68145	2.93331	4.18239	7.87052	8.67831				
308		303	5.03305	5.053	5.08308	5.14376				303	3.76457	3.65778	2.92362	4.13831	7.8719	8.67795				
309		304	5.03157	5.0515	5.08154	5.14214				304	3.74088	3.63412	2.91393	4.13423	7.87329	8.6776				
310		305	5.03008	5.04998	5.07998	5.1405				305	3.71718	3.61045	2.90423	4.11016	7.87467	8.67724				
311		306	5.02858	5.04845	5.07841	5.13885				306	3.69349	3.58679	2.89454	4.10609	7.86905	8.65326				
312		307	5.02706	5.04691	5.07683	5.13718				307	3.6698	3.56312	2.88484	4.08201	7.87039	8.65275				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
313		308	5.02553	5.04535	5.07523	5.1355				308	3.64611	3.53946	2.87515	4.06793	7.87173	8.65225				
314		309	5.02399	5.04378	5.07362	5.13381				309	3.62242	3.51579	2.86545	4.06385	7.87307	8.65174				
315		310	5.02243	5.0422	5.07199	5.13211				310	3.59872	3.49213	2.85576	4.03978	7.87441	8.65123				
316		311	5.02086	5.0406	5.07035	5.13041				311	3.57503	3.46846	2.84606	4.0357	7.87575	8.65072				
317		312	5.01928	5.03899	5.0687	5.12871				312	3.55137	3.44508	2.8376	4.01163	7.87079	8.62883				
318		313	5.01768	5.03736	5.06703	5.12703				313	3.52775	3.42193	2.83021	3.99756	7.87209	8.62818				
319		314	5.01607	5.03572	5.06535	5.12535				314	3.50412	3.39879	2.82282	4.01349	7.87339	8.62754				
320		315	5.01444	5.03406	5.06366	5.12369				315	3.48049	3.37564	2.81543	3.96945	7.87469	8.62689				
321		316	5.01279	5.03239	5.06198	5.12204				316	3.45686	3.3525	2.80804	3.96546	7.87599	8.62625				
322		317	5.01114	5.03072	5.06031	5.12042				317	3.43323	3.32935	2.80065	3.94151	7.87729	8.6256				
323		318	5.00947	5.02905	5.05866	5.11882				318	3.40961	3.30621	2.79326	3.93757	7.87315	8.60651				
324		319	5.00781	5.0274	5.05703	5.11724				319	3.38598	3.28306	2.78587	3.91366	7.87441	8.60574				
325		320	5.00617	5.02577	5.05544	5.11569				320	3.36235	3.25992	2.77848	3.89977	7.87568	8.60498				
326		321	5.00455	5.02417	5.05389	5.11415				321	3.33872	3.23677	2.77109	3.89589	7.87694	8.60422				
327		322	5.00297	5.02262	5.05236	5.11264				322	3.31509	3.21363	2.7637	3.87202	7.87821	8.60346				
328		323	5.00143	5.02111	5.05087	5.11114				323	3.29147	3.19048	2.75631	3.86816	7.87948	8.6027				
329		324	4.99993	5.01963	5.0494	5.10966				324	3.26882	3.16789	2.75034	3.8443	7.87781	8.58907				
330		325	4.99847	5.01817	5.04795	5.10818				325	3.24705	3.14578	2.74561	3.83046	7.87905	8.58823				
331		326	4.99702	5.01674	5.04651	5.10671				326	3.22527	3.12367	2.74088	3.84662	7.8803	8.58739				
332		327	4.9956	5.01531	5.04507	5.10523				327	3.20349	3.10156	2.73615	3.803	7.88155	8.58655				
333		328	4.99419	5.0139	5.04365	5.10376				328	3.18171	3.07945	2.73142	3.79958	7.8828	8.58571				
334		329	4.99279	5.01249	5.04222	5.10228				329	3.15993	3.05735	2.72669	3.77637	7.88404	8.58487				
335		330	4.9914	5.01109	5.04079	5.1008				330	3.13815	3.03524	2.72196	3.77331	7.88576	8.57885				
336		331	4.99	5.00968	5.03936	5.09932				331	3.11637	3.01313	2.71723	3.75039	7.88701	8.57798				
337		332	4.98861	5.00827	5.03793	5.09783				332	3.09459	2.99102	2.7125	3.73762	7.88826	8.57711				
338		333	4.98722	5.00686	5.03649	5.09633				333	3.07281	2.96891	2.70776	3.7349	7.88951	8.57624				
339		334	4.98582	5.00545	5.03505	5.09482				334	3.05104	2.9468	2.70303	3.71224	7.89076	8.57537				
340		335	4.98441	5.00402	5.0336	5.0933				335	3.02926	2.92469	2.6983	3.70964	7.89201	8.5745				
341		336	4.983	5.00259	5.03214	5.09177				336	3.00613	2.9034	2.69483	3.68709	7.89576	8.5716				
342		337	4.98158	5.00116	5.03067	5.09024				337	2.98182	2.88283	2.69244	3.6746	7.89703	8.57071				
343		338	4.98016	4.99971	5.02919	5.08869				338	2.95752	2.86226	2.69006	3.69216	7.89829	8.56983				
344		339	4.97873	4.99826	5.0277	5.08713				339	2.93321	2.84169	2.68768	3.6498	7.89956	8.56895				
345		340	4.97729	4.99679	5.02621	5.08556				340	2.90891	2.82111	2.6853	3.64751	7.90082	8.56806				
346		341	4.97583	4.99532	5.0247	5.08398				341	2.8846	2.80054	2.68292	3.6253	7.90209	8.56718				
347		342	4.97437	4.99384	5.02318	5.0824				342	2.86029	2.77997	2.68054	3.62312	7.90866	8.56869				
348		343	4.9729	4.99234	5.02165	5.08081				343	2.83599	2.75939	2.67816	3.60096	7.90996	8.56782				
349		344	4.97142	4.99084	5.02012	5.0792				344	2.81168	2.73882	2.67578	3.58884	7.91126	8.56695				
350		345	4.96993	4.98933	5.01856	5.07756				345	2.78737	2.71825	2.6734	3.58681	7.91255	8.56608				
351		346	4.96843	4.98781	5.017	5.07587				346	2.76307	2.69767	2.67102	3.56487	7.91385	8.56521				
352		347	4.96692	4.98627	5.01542	5.0742				347	2.73876	2.6771	2.66864	3.56303	7.91514	8.56434				
353		348	4.9654	4.98472	5.01385	5.07262				348	2.72402	2.6675	2.66753	3.54128	7.91945	8.56723				
354		349	4.96387	4.98314	5.01228	5.07122				349	2.71764	2.6675	2.66752	3.52963	7.92076	8.56638				
355		350	4.9623	4.98157	5.01069	5.07007				350	2.71126	2.6675	2.66752	3.54808	7.92208	8.56553				
356		351	4.96072	4.98001	5.00903	5.06926				351	2.70488	2.6675	2.66752	3.5077	7.92339	8.56469				
357		352	4.95917	4.97849	5.00731	5.06886				352	2.69851	2.6675	2.66752	3.5085	7.9247	8.56384				
358		353	4.95768	4.97692	5.00562	5.06895				353	2.69213	2.6675	2.66751	3.49048	7.92602	8.56299				
359		354	4.95619	4.9752	5.00412	5.06962				354	2.68915	2.6675	2.66751	3.49371	7.92569	8.56867				
360		355	4.9545	4.97332	5.00296	5.07094				355	2.68915	2.6675	2.66751	3.47819	7.92699	8.56786				
361		356	4.95257	4.97157	5.00231	5.07302				356	2.68915	2.6675	2.66751	3.47393	7.9283	8.56705				
362		357	4.95059	4.97032	5.00237	5.07595				357	2.68915	2.6675	2.66751	3.47985	7.9296	8.56624				
363		358	4.94929	4.9699	5.00332	5.07984				358	2.68915	2.6675	2.66751	3.46597	7.9309	8.56543				
364		359	4.94886	4.97037	5.00519	5.0847				359	2.68915	2.6675	2.66751	3.47249	7.93221	8.56462				

Get indicative | Calculate

Mortgage Analytics' Loss Matrix V0.2.5

Errors:

Scenario

Issue Abbrev:	car05nc3
Class Name:	m4
Settlement:	6/7/2005
Price	
Combined Prepay:	no
Stepdown:	FAIL
Call:	NO
Coupon History:	NO

Indexes

Index Shift(bp):	
LIB1:	forward
LIB3	2
LIB6	forward
LIB1Y	2
TSY3M	2
TSY1	2
TSY3	2
TSY5	2
TSY6	2
COFI	2
PRIM	2
CD6	2

Group Scenario

Group Name:	G_ARM
Prepay Type:	PPV
PPV Name:	PPV2
Prepay Rate:	100
Default Mode:	MDR
Default Curve Name:	MDR1
Default Rate:	100
Loss Severity:	50
Recovery Delay:	12
P&I Advancing:	YES
Loss Advance Rate:	100.00
Default on Orig Balance:	YES
Group Name:	G_FIX
Prepay Type:	PPV
PPV Name:	PPV1
Prepay Rate:	100
Default Mode:	MDR
Default Curve Name:	MDR1
Default Rate:	100
Loss Severity:	50
Recovery Delay:	12
P&I Advancing:	YES
Loss Advance Rate:	100.00
Default on Orig Balance:	YES

Indicative

Original Balance:	81,268,000.00	First Payment:	7/25/2005	Collateral Balance:
Initial Coupon:	3.570	Dated Date:	6/7/2005	

Loss Matrix

% of Prepayments	Defaults 70 Defaults	100 Defaults
70 PricingSpeed		
Price		
WAL		
Discount Margin		
Principal Window		
Principal Months		
Cashflow Window		
Principal Loss		
Collateral Loss		
Collateral Loss Tranche Life		
80 PricingSpeed		
Yield		
WAL		
Mod Duration		
Principal Window		
Principal Months		
Principal Loss		
Collateral Loss		
Collateral Loss Tranche Life		
100 PricingSpeed		
Discount Margin		
WAL		
Mod Duration		
Principal Window		
Principal Months		
Principal Loss		
Collateral Loss		
Collateral Loss Tranche Life		
Yield		
WAL		
Mod Duration		
Principal Window		
Principal Months		
Principal Loss		
Collateral Loss		
Collateral Loss Tranche Life		
130 PricingSpeed		
Yield	5.973	5.973
WAL	5.113	5.113
Mod Duration	3.975	3.975
Principal Window	1-202 1-202	
Principal Months	202	202
Principal Loss	0.00	0.00
Collateral Loss	-	-
Collateral Loss Tranche Life	-	-
150 PricingSpeed		
Yield	6.230	6.230
WAL	4.589	4.589
Mod Duration	3.603	3.603
Principal Window	1-185 1-185	
Principal Months	185	185
Principal Loss	0.00	0.00
Collateral Loss	-	-
Collateral Loss Tranche Life	-	-
175 PricingSpeed		
Yield	6.564	6.564
WAL	4.049	4.049
Mod Duration	3.213	3.213
Principal Window	1-167 1-167	
Principal Months	167	167
Principal Loss	0.00	0.00

	A	B	C	D	E	F	I	J	K
72				Collateral Loss	-	-			
73				Collateral Loss Tranche Life	-	-			
74				200 PricingSpeed					
75				Yield	6.912	6.912			
76				WAL	3.605	3.605			
77				Mod Duration	2.888	2.888			
78				Principal Window	1-151	1-151			
79				Principal Months	151	151			
80				Principal Loss	0.00	0.00			
81				Collateral Loss	-	-			
82				Collateral Loss Tranche Life	-	-			

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Mortgage Analytics' Loss Matrix V0.2.5

Errors:

Scenario

Issue Abbrev:	car05.nc3
Class Name:	M4
Settlement:	6/7/2005
Price	100
Combined Prepay:	no
Stepdown:	FAIL
Call:	NO
Coupon History:	NO

Indexes

Index Shift(bp):	
LIB1	forward
LIB3	2
LIB6	forward
LIB1Y	2
TSY3M	2
TSY1	2
TSY3	2
TSY5	2
TSY6	2
COF1	2
PRIM	2
CD6	2

Group Scenario

Group Name:	G_ARM
Prepay Type:	PPV
PPV Name:	PPV2
Prepay Rate:	100
Default Mode:	MDR
Default Curve Name:	MDR1
Default Rate:	100
Loss Severity:	50
Recovery Delay:	12
P&I Advancing:	YES
Loss Advance Rate:	100.00
Default on Orig Balance:	YES
Group Name:	G_FIX
Prepay Type:	PPV
PPV Name:	PPV1
Prepay Rate:	100
Default Mode:	MDR
Default Curve Name:	MDR1
Default Rate:	100
Loss Severity:	50
Recovery Delay:	12
P&I Advancing:	YES
Loss Advance Rate:	100.00
Default on Orig Balance:	YES
Group Name:	
Prepay Type:	PPV
PPV Name:	
Prepay Rate:	100
Default Mode:	MDR
Default Curve Name:	
Default Rate:	0
Loss Severity:	20
Recovery Delay:	12
P&I Advancing:	YES
Loss Advance Rate:	100.00
Default on Orig Balance:	NO

Indicative

Original Balance:	53,581,000.00	First Payment:	7/25/2005	Collateral Balance:	1,786,053,161.86
Initial Coupon:	3.770	Dated Date:	6/7/2005		

Loss Matrix

% of Prepayments	Defaults: 100 Defaults	125 Defaults	150 Defaults	175 Defaults	200 Defaults	250 Defaults	300 Defaults
100 PricingSpeed							
Price	100.000						
WAL	5.423						
Discount Margin	68.072						
Principal Window	61-69						
Principal Months	9						
Cashflow Window	1-69						
Principal Loss	-						
Collateral Loss	89,302,658.09						
Collateral Loss Tranche Life	68,316,533.43						
Yield							
WAL							
Mod Duration							
Principal Window							
Principal Months							
Principal Loss							
Collateral Loss							
Collateral Loss Tranche Life							
100 PricingSpeed							
Yield							
WAL							
Mod Duration							
Principal Window							
Principal Months							
Principal Loss							
Collateral Loss							
Collateral Loss Tranche Life							
Yield							
WAL							
Mod Duration							
Principal Window							
Principal Months							
Principal Loss							
Collateral Loss							
Collateral Loss Tranche Life							
130 PricingSpeed							
Yield							
WAL							
Mod Duration							
Principal Window							
Principal Months							
Principal Loss							
Collateral Loss							
Collateral Loss Tranche Life							
150 PricingSpeed							
Yield							
WAL							
Mod Duration							
Principal Window							
Principal Months							
Principal Loss							
Collateral Loss							
Collateral Loss Tranche Life							
175 PricingSpeed							
Yield							
WAL							
Mod Duration							
Principal Window							
Principal Months							
Principal Loss							

	A	B	C	D	E	F	Mortgage Analytics' Loss Matrix V0.1 Linux	I	J	K	L
72				Collateral Loss							
73				Collateral Loss Tranche Life							
74				**200 PricingSpeed**							
75				Yield							
76				WAL							
77				Mod Duration							
78				Principal Window							
79				Principal Months							
80				Principal Loss							
81				Collateral Loss							
82				Collateral Loss Tranche Life							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1							As of date:																					
2		LIBOR forward curve as of: 3/28/2005 at 13:00					Get LIB fwds			TSY forward curve as of: 3/24/2005					Get TSY fwds				PPV Schedules				DRV Schedules			MRV Schedules		
3																												
4		#MONTH	LIB1	LIB3	LIB6	LIB1Y				MONTH	TSY3M	TSY1	TSY10	COFI	PRIM	CD6			PPV1	PPV2	PPV3		DRV1	DRV2			MDR1	
5		0	3.09	3.2972	3.51	3.74824				0	2.87154	3.45139	4.59859	2.65	5.5	1			2	25	30		10	20		1	0	
6		1	3.28468	3.43777	3.62881	3.81842				1	3.08278	3.55835	4.62202	2.6526	5.85124	1			3.071429	25	40		20	30		2	0	
7		2	3.42894	3.57499	3.72829	3.88065				2	3.29403	3.66532	4.64544	2.7906	5.97292	1			4.142857	25	50		30	40		3	0	
8		3	3.56985	3.69529	3.80545	3.93285				3	3.474	3.76571	4.66766	2.95611	6.09456	1			5.214286	25			30			4	0	
9		4	3.69392	3.78682	3.85906	3.97413				4	3.52889	3.8398	4.68508	3.21449	6.21616	1			6.285714	25			30			5	0	
10		5	3.78765	3.8467	3.89288	4.00596				5	3.58378	3.9139	4.7029	3.35338	6.33771	1			7.357143	25			30			6	0	
11		6	3.84273	3.87926	3.91505	4.03145				6	3.63901	3.98409	4.71965	3.46556	6.59493	1			8.428571	25			30			7	0.083333	
12		7	3.8724	3.89389	3.93559	4.05436				7	3.69559	4.03861	4.73571	3.59527	6.75506	1			9.5	25			30			8	0.083333	
13		8	3.88467	3.90099	3.95815	4.07651				8	3.75218	4.09314	4.75177	3.67039	6.91515	1			10.57143	25			30			9	0.083333	
14		9	3.88634	3.91234	3.98335	4.09855				9	3.82348	4.14647	4.76756	3.72027	7.07515	1			11.64286	25			30			10	0.083333	
15		10	3.89355	3.93839	4.01069	4.12073				10	3.95366	4.19499	4.7823	3.78573	7.23508	1			12.71429	25			30			11	0.083333	
16		11	3.91851	3.97598	4.03927	4.14262				11	4.08384	4.2435	4.79704	3.82156	7.39492	1			13.78571	25			30			12	0.083333	
17		12	3.96397	4.01453	4.06707	4.16309				12	4.19424	4.28525	4.81102	3.87113	7.07469	1			14.85714	35			30			13	0.083333	
18		13	4.00558	4.04261	4.09148	4.18054				13	4.22551	4.29988	4.82196	3.9523	7.1608	1			15.92857	35			30			14	0.083333	
19		14	4.03339	4.06161	4.11229	4.19528				14	4.25678	4.31451	4.8329	3.97361	7.2469	1			17	35			30			15	0.083333	
20		15	4.04766	4.07809	4.13029	4.20816				15	4.28563	4.328	4.84372	4.02995	7.33297	1				35			30			16	0.083333	
21		16	4.06217	4.09833	4.1464	4.22012				16	4.3048	4.33693	4.85402	4.05982	7.41901	1				35			30			17	0.083333	
22		17	4.08249	4.12052	4.16072	4.23139				17	4.32396	4.34586	4.86431	4.1058	7.50504	1				35			30			18	0.083333	
23		18	4.10797	4.13967	4.17293	4.2419				18	4.33801	4.35497	4.87459	4.13423	7.30183	1				35			30			19	0.2	
24		19	4.12829	4.15193	4.18278	4.25154				19	4.33157	4.36476	4.88457	4.1731	7.35746	1				35			30			20	0.2	
25		20	4.13954	4.15746	4.19085	4.26043				20	4.32514	4.37455	4.89458	4.21758	7.41308	1				35			30			21	0.2	
26		21	4.14268	4.16248	4.19806	4.26882				21	4.32202	4.3855	4.9047	4.2382	7.4687	1				35			30			22	0.2	
27		22	4.14657	4.17033	4.20537	4.277				22	4.33212	4.40111	4.91526	4.27318	7.5243	1				35			30			23	0.2	
28		23	4.15448	4.18015	4.21314	4.28511				23	4.34223	4.41671	4.92582	4.28807	7.57989	1				35			30			24	0.2	
29		24	4.16607	4.18941	4.22152	4.29325				24	4.35376	4.43273	4.93637	4.30652	7.42912	1				35			30			25	0.2	
30		25	4.17584	4.19603	4.23053	4.30148				25	4.371	4.45041	4.94694	4.35556	7.46823	1				35			30			26	0.2	
31		26	4.18207	4.20157	4.23568	4.3099				26	4.38825	4.46809	4.9575	4.339	7.50734	1				35			30			27	0.2	
32		27	4.18578	4.20889	4.2491	4.31983				27	4.40653	4.48581	4.96802	4.36297	7.54844	1				35			30			28	0.2	
33		28	4.19236	4.22012	4.2578	4.32777				28	4.42896	4.50363	4.97837	4.36746	7.58553	1				35			30			29	0.2	
34		29	4.20388	4.23307	4.26591	4.3372				29	4.45139	4.52145	4.98873	4.39248	7.62463	1				35			30			30	0.2	
35		30	4.21923	4.24399	4.27347	4.34673				30	4.47103	4.5389	4.999	4.39786	7.53004	1				35			30			31	0.2	
36		31	4.23091	4.24998	4.28056	4.35618				31	4.4795	4.55489	5.00897	4.41362	7.56052	1				35			30			32	0.2	
37		32	4.23643	4.2531	4.2877	4.36556				32	4.48797	4.57087	5.01894	4.43974	7.59099	1				35			30			33	0.2	
38		33	4.23704	4.25712	4.29557	4.37497				33	4.49916	4.58761	5.02892	4.44511	7.62147	1				35			30			34	0.2	
39		34	4.2402	4.26516	4.30476	4.38451				34	4.52124	4.60737	5.03896	4.46975	7.65194	1				35			30			35	0.2	
40		35	4.24842	4.27617	4.31511	4.39414				35	4.54332	4.62714	5.04899	4.47365	7.6824	1				60			30			36	0.2	
41		36	4.26101	4.28772	4.32621	4.40376				36	4.56421	4.64602	5.0588	4.48728	7.58995	1				60			30			37	0.2	
42		37	4.27297	4.29786	4.3376	4.41327				37	4.58034	4.66139	5.06772	4.53064	7.61378	1				60			30			38	0.2	
43		38	4.28283	4.30733	4.34883	4.42276				38	4.59646	4.67676	5.07684	4.51374	7.63761	1				60			30			39	0.2	
44		39	4.29119	4.31774	4.35938	4.43236				39	4.61435	4.69207	5.08551	4.53703	7.66144	1				40			30			40	0.2	
45		40	4.30116	4.33015	4.36866	4.44211				40	4.63928	4.70717	5.0942	4.5405	7.68527	1				40			30			41	0.2	
46		41	4.31383	4.34289	4.37734	4.45185				41	4.6642	4.72227	5.10289	4.56416	7.70909	1				40			30			42	0.2	
47		42	4.32816	4.35335	4.38505	4.46132				42	4.68633	4.73659	5.11147	4.56807	7.66563	1				40			30			43	0.133333	
48		43	4.3391	4.35969	4.39228	4.47034				43	4.69726	4.74778	5.11963	4.58223	7.68633	1				40			30			44	0.133333	
49		44	4.34502	4.36374	4.39964	4.47919				44	4.7082	4.75896	5.1278	4.60663	7.70703	1				40			30			45	0.133333	
50		45	4.34703	4.36851	4.40785	4.4883				45	4.72092	4.77018	5.13595	4.61068	7.72773	1				40			30			46	0.133333	
51		46	4.35115	4.37647	4.41746	4.49802				46	4.7408	4.78151	5.14403	4.63431	7.74842	1				40			30			47	0.133333	
52		47	4.35922	4.38699	4.42804	4.50819				47	4.76067	4.79285	5.15212	4.63758	7.76912	1				40			30			48	0.133333	
53		48	4.37075	4.39845	4.43865	4.51851				48	4.77739	4.8026	5.16013	4.64998	7.7113	1				40			30			49	0.133333	
54		49	4.38244	4.4095	4.44926	4.52872				49	4.78146	4.8072	5.16784	4.69151	7.72079	1				40			30			50	0.133333	
55		50	4.3934	4.41991	4.45922	4.53879				50	4.78553	4.8116	5.17556	4.67218	7.74629	1				40			30			51	0.133333	
56		51	4.40364	4.42983	4.46883	4.54875				51	4.79135	4.81602	5.18328	4.69142	7.76378	1				40			30			52	0.133333	
57		52	4.41346	4.43937	4.47822	4.55866				52	4.80419	4.82051	5.19113	4.68924	7.78127	1				40			30			53	0.133333	
58		53	4.42292	4.44864	4.48753	4.56853				53	4.81703	4.82501	5.19896	4.70569	7.79876	1				40			30			54	0.133333	
59		54	4.43206	4.45774	4.4969	4.57839				54	4.82647	4.82683	5.20677	4.70147	7.71982					40			30			55	0.083333	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
60		55	4.44107	4.46677	4.50646	4.58826				55	4.82232	4.83	5.21446	4.70673	7.7338					40			30			56	0.083333	
61		56	4.45	4.47591	4.51619	4.59815				56	4.81818	4.83116	5.22216	4.72142	7.74779					40			30			57	0.083333	
62		57	4.45895	4.48535	4.52608	4.60806				57	4.81655	4.83286	5.22993	4.71595	7.76178					40			30			58	0.083333	
63		58	4.46828	4.49521	4.53605	4.61799				58	4.82496	4.83671	5.23803	4.73034	7.77576					40			30			59	0.083333	
64		59	4.4781	4.50533	4.54604	4.62789				59	4.83338	4.84056	5.24612	4.72458	7.78975					40			30			60	0.083333	
65		60	4.48833	4.51543	4.55594	4.63773				60	4.83944	4.84398	5.25401	4.72887	7.7759					40			30			61	0.083333	
66		61	4.4984	4.52529	4.56568	4.64747				61	4.83605	4.84574	5.26105	4.76323	7.78898					40			30			62	0.083333	
67		62	4.50817	4.53491	4.57528	4.65711				62	4.83273	4.8475	5.26809	4.73764	7.80205					40			30			63	0.083333	
68		63	4.51767	4.5444	4.58478	4.66668				63	4.83199	4.8496	5.2752	4.752	7.81512					40			30			64	0.083333	
69		64	4.52707	4.55381	4.59421	4.67621				64	4.84172	4.85303	5.28257	4.74631	7.8282					40			30			65	0.083333	
70		65	4.53641	4.56316	4.60358	4.68569				65	4.85145	4.85647	5.28995	4.76058	7.84127					40			30			66	0.083333	
71		66	4.54569	4.57246	4.61291	4.69513				66	4.8583	4.8594	5.2973	4.75472	7.81641					40			30			67	0.05	
72		67	4.55491	4.58169	4.6222	4.70453				67	4.85361	4.86033	5.30456	4.75873	7.82835					40			30			68	0.05	
73		68	4.56407	4.59087	4.63145	4.7139				68	4.84893	4.86125	5.31182	4.77262	7.84029					40			30			69	0.05	
74		69	4.57317	4.60002	4.64066	4.72323				69	4.84709	4.86274	5.31915	4.76656	7.85223					40			30			70	0.05	
75		70	4.58225	4.60914	4.64984	4.73253				70	4.85664	4.86649	5.32681	4.78055	7.86416					40			30			71	0.05	
76		71	4.59131	4.61824	4.659	4.7418				71	4.86619	4.87025	5.33446	4.77459	7.8761					40			30			72	0.05	
77		72	4.60034	4.62731	4.66812	4.75104				72	4.8728	4.87385	5.34208	4.77881	7.86123					40			30			73	0.05	
78		73	4.60934	4.63634	4.6772	4.76023				73	4.86762	4.87686	5.34961	4.8132	7.87243					40			30			74	0.05	
79		74	4.6183	4.64533	4.68625	4.76939				74	4.86244	4.87986	5.35714	4.78778	7.88363					40			30			75	0.05	
80		75	4.62722	4.65429	4.69527	4.77851				75	4.86025	4.88341	5.36479	4.80227	7.89484					40			30			76	0.05	
81		76	4.63611	4.66322	4.70426	4.78759				76	4.86999	4.88902	5.37268	4.79608	7.90604					40			30			77	0.05	
82		77	4.64496	4.67212	4.71321	4.79662				77	4.87973	4.89463	5.38061	4.811	7.91724					40			30			78	0.05	
83		78	4.65379	4.68099	4.72213	4.80561				78	4.88659	4.89964	5.38852	4.80523	7.90921					40			30			79	0.041667	
84		79	4.66259	4.68983	4.73101	4.81455				79	4.8819	4.90224	5.39631	4.80936	7.91992					40			30			80	0.041667	
85		80	4.67136	4.69863	4.73985	4.82344				80	4.87721	4.90484	5.4041	4.82339	7.93064					40			30			81	0.041667	
86		81	4.6801	4.70739	4.74864	4.83228				81	4.87573	4.90896	5.41197	4.8177	7.94135					40			30			82	0.041667	
87		82	4.68879	4.7161	4.75739	4.84106				82	4.88713	4.91855	5.42017	4.83228	7.95207					40			30			83	0.041667	
88		83	4.69744	4.72477	4.76607	4.84978				83	4.89852	4.92824	5.42838	4.82714	7.96278					40			30			84	0.041667	
89		84	4.70604	4.73338	4.77471	4.85844				84	4.90697	4.93629	5.43628	4.83239	7.97381					40			30			85	0.041667	
90		85	4.71458	4.74194	4.78329	4.86704				85	4.90365	4.9378	5.44294	4.86802	7.96453					40			30			86	0.041667	
91		86	4.72308	4.75045	4.79181	4.87558				86	4.90032	4.9393	5.44959	4.84404	7.99525					40			30			87	0.041667	
92		87	4.73152	4.7589	4.80027	4.88405				87	4.90033	4.94271	5.45632	4.85996	8.00597					40			30			88	0.041667	
93		88	4.7399	4.76729	4.80868	4.89244				88	4.91366	4.95376	5.46334	4.85577	8.01669					40			30			89	0.041667	
94		89	4.74822	4.77562	4.81702	4.90076				89	4.927	4.96481	5.47035	4.87148	8.02741					40			30			90	0.041667	
95		90	4.75649	4.7839	4.8253	4.909				90	4.93749	4.9748	5.47729	4.86737	8.02458					40			30			91	0.041667	
96		91	4.7647	4.79211	4.83352	4.91715				91	4.93659	4.98055	5.48394	4.87344	8.03501					40			30			92	0.041667	
97		92	4.77283	4.80027	4.84166	4.92522				92	4.9357	4.9863	5.49059	4.88968	8.04543					40			30			93	0.041667	
98		93	4.78094	4.80836	4.84973	4.93321				93	4.9384	4.99338	5.49729	4.8862	8.05585					40			30			94	0.041667	
99		94	4.78896	4.81637	4.85771	4.94111				94	4.95543	5.00582	5.50419	4.90299	8.06627					40			30			95	0.041667	
100		95	4.79692	4.82431	4.8656	4.94892				95	4.97247	5.01826	5.51109	4.90006	8.07669					40			30			96	0.041667	
101		96	4.8048	4.83216	4.8734	4.95665				96	4.98659	5.03106	5.51789	4.90739	8.0739					40			30			97	0.041667	
102		97	4.81259	4.83991	4.8811	4.96429				97	4.98904	5.04536	5.52429	4.945	8.08405					40			30			98	0.041667	
103		98	4.82027	4.84757	4.88871	4.97183				98	4.9919	5.05965	5.53069	4.92288	8.09419					40			30			99	0.041667	
104		99	4.82786	4.85513	4.89624	4.97929				99	4.99765	5.07469	5.53711	4.9411	8.10434					40			30			100	0.041667	
105		100	4.83536	4.8626	4.90368	4.98665				100	5.01855	5.09267	5.5436	4.93965	8.11449					40			30			101	0.041667	
106		101	4.84277	4.86998	4.91103	4.99391				101	5.03945	5.11066	5.5501	4.95854	8.12464					40			30			102	0.041667	
107		102	4.85009	4.87728	4.91831	5.00109				102	5.05757	5.12811	5.55647	4.95757	8.11932					40			30			103		
108		103	4.85733	4.88451	4.92551	5.00817				103	5.06457	5.14345	5.56231	4.96675	8.12916					40			30			104		
109		104	4.8645	4.89166	4.93262	5.01515				104	5.07157	5.15879	5.56815	4.98609	8.13901					40			30			105		
110		105	4.87159	4.89873	4.93964	5.02204				105	5.08256	5.17592	5.57398	4.98594	8.14886					40			30			106		
111		106	4.87861	4.90572	4.94657	5.02883				106	5.10948	5.20022	5.57977	5.00638	8.1587					40			30			107		
112		107	4.88554	4.91262	4.95339	5.03553				107	5.13639	5.22453	5.58556	5.00739	8.16855					40			30			108		
113		108	4.8924	4.91942	4.96011	5.04213				108	5.16043	5.24714	5.59088	5.01905	8.16112					40			30			109		
114		109	4.89914	4.92611	4.96673	5.04864				109	5.17293	5.26295	5.59426	5.06137	8.17065					40			30			110		
115		110	4.90577	4.93269	4.97324	5.05505				110	5.18544	5.27877	5.59763	5.04435	8.18018					40			30			111		
116		111	4.9123	4.93917	4.97966	5.06137				111	5.20203	5.29661	5.60096	5.06729	8.18971					40			30			112		
117		112	4.91872	4.94555	4.98598	5.06758				112	5.23497	5.32259	5.60407	5.07021	8.19924					40			30			113		
118		113	4.92504	4.95183	4.99222	5.07373				113	5.26791	5.34856	5.60718	5.09309	8.20877					40			30			114		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
119		114	4.93127	4.95803	4.99838	5.07877				114	5.29812	5.3728	5.61005	5.09619	8.19779					40			30			115		
120		115	4.93741	4.96415	5.00446	5.08572				115	5.31746	5.39012	5.61197	5.10953	8.20696					40			30			116		
121		116	4.94348	4.97019	5.01045	5.09158				116	5.33679	5.40744	5.61389	5.13309	8.21613					40			30			117		
122		117	4.94948	4.97615	5.01636	5.09735				117	5.35817	5.42436	5.61569	5.13689	8.2253					40			30			118		
123		118	4.95539	4.98204	5.02218	5.10303				118	5.38775	5.43971	5.617	5.16093	8.23447					40			30			119		
124		119	4.96123	4.98784	5.0279	5.10861				119	5.41733	5.45506	5.61831	5.16522	8.24364					40			30			120		
125		120	4.96698	4.99354	5.03353	5.11409				120	5.441	5.46871	5.61939	5.17908	8.27969					40			30			121		
126		121	4.97264	4.99914	5.03906	5.11948				121	5.44104	5.47558	5.61956	5.22253	8.28931					40			30			122		
127		122	4.9782	5.00469	5.0445	5.12477				122	5.44108	5.48244	5.61974	5.20557	8.29892					40			30			123		
128		123	4.98365	5.01006	5.04984	5.12997				123	5.44469	5.4898	5.61991	5.22757	8.30853					40			30			124		
129		124	4.98902	5.01538	5.05509	5.13507				124	5.46259	5.49913	5.62009	5.22854	8.31814					40			30			125		
130		125	4.99429	5.02061	5.06025	5.14008				125	5.48048	5.50845	5.62019	5.24847	8.32776					40			30			126		
131		126	4.99948	5.02575	5.06531	5.145				126	5.49464	5.51686	5.62018	5.24753	8.31279					40			30			127		
132		127	5.00457	5.0308	5.07029	5.14982				127	5.49385	5.52156	5.61956	5.2557	8.32201					40			30			128		
133		128	5.00958	5.03576	5.07517	5.15455				128	5.49307	5.52627	5.61894	5.27299	8.33124					40			30			129		
134		129	5.0145	5.04062	5.07996	5.15919				129	5.49468	5.53229	5.61831	5.27018	8.34047					40			30			130		
135		130	5.01932	5.04539	5.08466	5.16374				130	5.50589	5.54358	5.61768	5.28725	8.34969					40			30			131		
136		131	5.02405	5.05007	5.08927	5.16819				131	5.51709	5.55487	5.61704	5.28422	8.35891					40			30			132		
137		132	5.02869	5.05467	5.09379	5.17255				132	5.52781	5.56533	5.61584	5.28108	8.34158					40			30			133		
138		133	5.03324	5.05918	5.09822	5.17683				133	5.53657	5.57247	5.61298	5.32783	8.35042					40			30			134		
139		134	5.03772	5.0636	5.10257	5.18101				134	5.54532	5.5796	5.61002	5.30446	8.35924					40			30			135		
140		135	5.04211	5.06794	5.10682	5.1851				135	5.55407	5.58674	5.60706	5.32116	8.36807					40			30			136		
141		136	5.04641	5.07218	5.11098	5.18909				136	5.56279	5.59386	5.60408	5.31791	8.37689					40			30			137		
142		137	5.05062	5.07634	5.11505	5.19299				137	5.57151	5.60098	5.60111	5.33471	8.38572					40			30			138		
143		138	5.05473	5.0804	5.11904	5.19679				138	5.5798	5.60796	5.59795	5.33111	8.36655					40			30			139		
144		139	5.05876	5.08437	5.12293	5.2005				139	5.58638	5.61434	5.59407	5.33711	8.37497					40			30			140		
145		140	5.0627	5.08826	5.12674	5.20412				140	5.59297	5.62073	5.59019	5.35271	8.38339					40			30			141		
146		141	5.06655	5.09206	5.13046	5.20765				141	5.59955	5.62712	5.58631	5.34814	8.39181					40			30			142		
147		142	5.07032	5.09578	5.13408	5.21109				142	5.60614	5.6335	5.58243	5.3634	8.40024					40			30			143		
148		143	5.07401	5.09941	5.13761	5.21445				143	5.61272	5.63989	5.57855	5.35849	8.40866					40			30			144		
149		144	5.07761	5.10295	5.14104	5.21772				144	5.6192	5.64596	5.57448	5.36348	8.38771					40			30			145		
150		145	5.08112	5.10638	5.14438	5.2209				145	5.62525	5.65079	5.56965	5.39838	8.39572					40			30			146		
151		146	5.08452	5.10972	5.14763	5.224				146	5.6313	5.65561	5.56481	5.37317	8.40374					40			30			147		
152		147	5.08783	5.11296	5.15079	5.22701				147	5.63735	5.66044	5.55998	5.38782	8.41176					40			30			148		
153		148	5.09104	5.11611	5.15387	5.22994				148	5.64339	5.66526	5.55513	5.38232	8.41976					40			30			149		
154		149	5.09417	5.11919	5.15686	5.23279				149	5.64943	5.67008	5.55027	5.39666	8.42779					40			30			150		
155		150	5.09721	5.12219	5.15982	5.23555				150	5.65529	5.67486	5.54523	5.3909	8.40514					40			30			151		
156		151	5.10019	5.12512	5.16269	5.23823				151	5.66046	5.67946	5.53943	5.39509	8.41275					40			30			152		
157		152	5.1031	5.12799	5.16548	5.24082				152	5.66562	5.68407	5.53363	5.4091	8.42036					40			30			153		
158		153	5.10594	5.13079	5.1882	5.24333				153	5.67079	5.68867	5.52782	5.40302	8.42797					40			30			154		
159		154	5.10871	5.13352	5.17082	5.24575				154	5.67596	5.69328	5.52202	5.41683	8.43559					40			30			155		
160		155	5.11142	5.13617	5.17336	5.24809				155	5.68112	5.69788	5.51622	5.41052	8.4432					40			30			156		
161		156	5.11406	5.13873	5.17581	5.25035				156	5.68608	5.70228	5.50996	5.41412	8.41917					40			30			157		
162		157	5.1166	5.14119	5.17816	5.25252				157	5.69021	5.70582	5.502	5.44762	8.42638					40			30			158		
163		158	5.11903	5.14355	5.18041	5.25461				158	5.69434	5.70937	5.49402	5.42104	8.43359					40			30			159		
164		159	5.12137	5.14581	5.18259	5.25662				159	5.69846	5.71291	5.48603	5.43429	8.4408					40			30			160		
165		160	5.12362	5.14799	5.18468	5.25855				160	5.70257	5.71644	5.47804	5.42737	8.44801					40			30			161		
166		161	5.12577	5.15009	5.1867	5.2604				161	5.70669	5.71997	5.47004	5.44029	8.45521					40			30			162		
167		162	5.12785	5.15211	5.18866	5.26217				162	5.71082	5.72331	5.46184	5.43311	8.4298					40			30			163		
168		163	5.12985	5.15407	5.19054	5.26386				163	5.71385	5.72587	5.45283	5.43581	8.43681					40			30			164		
169		164	5.1318	5.15597	5.19236	5.26547				164	5.71708	5.72843	5.44382	5.44842	8.44342					40			30			165		
170		165	5.13367	5.15779	5.1941	5.26701				165	5.72032	5.73099	5.43481	5.44088	8.45023					40			30			166		
171		166	5.13549	5.15956	5.19576	5.26847				166	5.72355	5.73355	5.4258	5.45321	8.45703					40			30			167		
172		167	5.13723	5.16125	5.19734	5.26985				167	5.72678	5.73611	5.41679	5.4454	8.46384					40			30			168		
173		168	5.13892	5.16285	5.19883	5.27116				168	5.72977	5.73827	5.40757	5.4475	8.43721					40			30			169		
174		169	5.14051	5.16437	5.20024	5.2724				169	5.7318	5.73884	5.39752	5.4795	8.44362					40			30			170		
175		170	5.14201	5.1658	5.20157	5.27356				170	5.73384	5.73941	5.38746	5.45141	8.45004					40			30			171		
176		171	5.14343	5.16715	5.20283	5.27465				171	5.73587	5.73998	5.37739	5.46314	8.45645					40			30			172		
177		172	5.14476	5.16841	5.20401	5.27567				172	5.73788	5.74054	5.36732	5.45471	8.46286					40			30			173		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
178		173	5.14602	5.16961	5.20513	5.27662				173	5.7399	5.7411	5.35724	5.4661	8.46927					40			30			174		
179		174	5.1472	5.17074	5.20619	5.2775				174	5.74172	5.74161	5.34696	5.45738	8.44138					40			30			175		
180		175	5.14832	5.1718	5.20719	5.27831				175	5.74272	5.74187	5.33586	5.45854	8.4474					40			30			176		
181		176	5.14938	5.17283	5.20812	5.27906				176	5.74373	5.74214	5.32476	5.46958	8.45342					40			30			177		
182		177	5.15039	5.17378	5.20899	5.27973				177	5.74474	5.7424	5.31365	5.46048	8.45844					40			30			178		
183		178	5.15133	5.17468	5.2098	5.28034				178	5.74575	5.74267	5.30255	5.47123	8.46546					40			30			179		
184		179	5.15223	5.17551	5.21053	5.28088				179	5.74676	5.74293	5.29145	5.46184	8.47148					40			30			180		
185		180	5.15306	5.17628	5.21118	5.28136				180	5.7475	5.74293	5.27998	5.46235	8.44245					40			30			181		
186		181	5.15381	5.17696	5.21177	5.28178				181	5.74719	5.74186	5.26704	5.49274	8.44808					40			30			182		
187		182	5.15449	5.17757	5.21226	5.28214				182	5.74687	5.7408	5.25409	5.46304	8.45371					40			30			183		
188		183	5.15509	5.1781	5.21272	5.28244				183	5.74656	5.73973	5.24114	5.47314	8.45935					40			30			184		
189		184	5.15562	5.17857	5.21311	5.28269				184	5.74622	5.73865	5.22818	5.46307	8.46498					40			30			185		
190		185	5.15608	5.17897	5.21344	5.28289				185	5.74589	5.73756	5.21522	5.47281	8.47061					40			30			186		
191		186	5.15648	5.17932	5.21372	5.28304				186	5.74531	5.73622	5.20206	5.46242	8.44026					40			30			187		
192		187	5.15682	5.17962	5.21395	5.28316				187	5.74375	5.73389	5.18809	5.4619	8.44551					40			30			188		
193		188	5.15711	5.17986	5.21413	5.28323				188	5.74219	5.73155	5.17413	5.47124	8.45076					40			30			189		
194		189	5.15735	5.18006	5.21427	5.28325				189	5.74063	5.72922	5.16017	5.46041	8.456					40			30			190		
195		190	5.15755	5.18022	5.21437	5.28324				190	5.73908	5.72689	5.1462	5.46942	8.46125					40			30			191		
196		191	5.15771	5.18033	5.21443	5.28319				191	5.73752	5.72455	5.13224	5.45825	8.4665					40			30			192		
197		192	5.15782	5.18041	5.21446	5.28309				192	5.73554	5.72173	5.11798	5.45695	8.43475					40			30			193		
198		193	5.1579	5.18045	5.21444	5.28295				193	5.73191	5.71696	5.10252	5.46552	8.43962					40			30			194		
199		194	5.15794	5.18046	5.2144	5.28277				194	5.72828	5.71219	5.08706	5.45396	8.44448					40			30			195		
200		195	5.15794	5.18043	5.21431	5.28255				195	5.72464	5.70742	5.0716	5.46217	8.44935					40			30			196		
201		196	5.15791	5.18037	5.21419	5.28226				196	5.72101	5.70266	5.05614	5.45015	8.45421					40			30			197		
202		197	5.15785	5.18027	5.21402	5.28196				197	5.71738	5.69789	5.04068	5.4579	8.45908					40			30			198		
203		198	5.15775	5.18013	5.21381	5.28161				198	5.71374	5.69312	5.02523	5.44548	8.42701					40			30			199		
204		199	5.15762	5.17996	5.21355	5.2812				199	5.71011	5.68835	5.00977	5.44287	8.4315					40			30			200		
205		200	5.15744	5.17972	5.21325	5.28075				200	5.70648	5.68358	4.99431	5.45009	8.436					40			30			201		
206		201	5.15722	5.17944	5.2129	5.28026				201	5.70284	5.67882	4.97885	5.43725	8.44049					40			30			202		
207		202	5.15694	5.17912	5.21249	5.27973				202	5.69921	5.67405	4.96339	5.44436	8.44499					40			30			203		
208		203	5.15662	5.17874	5.21205	5.27916				203	5.69558	5.66928	4.94793	5.43142	8.44948					40			30			204		
209		204	5.15624	5.17832	5.21156	5.27855				204	5.69133	5.66388	4.93203	5.42841	8.4171					40			30			205		
210		205	5.15582	5.17785	5.21103	5.2779				205	5.68463	5.65594	4.91437	5.45536	8.42123					40			30			206		
211		206	5.15536	5.17735	5.21048	5.27722				206	5.67792	5.648	4.8967	5.42224	8.42537					40			30			207		
212		207	5.15486	5.1768	5.20986	5.2765				207	5.67122	5.64006	4.87903	5.42882	8.4295					40			30			208		
213		208	5.15432	5.17622	5.20922	5.27575				208	5.66452	5.63212	4.86137	5.41507	8.43364					40			30			209		
214		209	5.15375	5.17561	5.20855	5.27497				209	5.65782	5.62419	4.8437	5.42102	8.43777					40			30			210		
215		210	5.15314	5.17498	5.20785	5.27416				210	5.65111	5.61625	4.82604	5.40671	8.40416					40			30			211		
216		211	5.15249	5.17428	5.20712	5.27333				211	5.64441	5.60831	4.80837	5.40219	8.40793					40			30			212		
217		212	5.15182	5.17357	5.20635	5.27246				212	5.63771	5.60037	4.7907	5.40736	8.41171					40			30			213		
218		213	5.15112	5.17284	5.20556	5.27156				213	5.63101	5.59243	4.77304	5.3925	8.41549					40			30			214		
219		214	5.15039	5.17207	5.20474	5.27064				214	5.6243	5.58449	4.75537	5.39757	8.41927					40			30			215		
220		215	5.14962	5.17127	5.2039	5.26968				215	5.6176	5.57655	4.73771	5.38259	8.42305					40			30			216		
221		216	5.14884	5.17045	5.20302	5.2687				216	5.61023	5.56792	4.71973	5.37753	8.38951					40			30			217		
222		217	5.14802	5.1696	5.20212	5.2677				217	5.60016	5.55648	4.7005	5.40242	8.39294					40			30			218		
223		218	5.14718	5.16872	5.20119	5.26666				218	5.59009	5.54505	4.68128	5.36725	8.39638					40			30			219		
224		219	5.14631	5.16782	5.20023	5.2656				219	5.58002	5.53362	4.66206	5.37176	8.39981					40			30			220		
225		220	5.14541	5.16689	5.19925	5.26451				220	5.56995	5.52219	4.64283	5.35596	8.40325					40			30			221		
226		221	5.14449	5.16593	5.19824	5.2634				221	5.55988	5.51075	4.62361	5.35986	8.40668					40			30			222		
227		222	5.14354	5.16495	5.19721	5.26226				222	5.54981	5.49932	4.60438	5.34349	8.37253					40			30			223		
228		223	5.14256	5.16394	5.19615	5.2611				223	5.53974	5.48789	4.58516	5.33686	8.37563					40			30			224		
229		224	5.14156	5.1629	5.19506	5.25991				224	5.52967	5.47646	4.56593	5.33996	8.37873					40			30			225		
230		225	5.14054	5.16184	5.19395	5.25869				225	5.51961	5.46502	4.54671	5.32299	8.38183					40			30			226		
231		226	5.13949	5.16076	5.19281	5.25745				226	5.50954	5.45359	4.52748	5.32595	8.38492					40			30			227		
232		227	5.13841	5.15966	5.19165	5.25619				227	5.49947	5.44216	4.50826	5.30883	8.38802					40			30			228		
233		228	5.13731	5.15851	5.19047	5.2549				228	5.48868	5.43003	4.48896	5.30166	8.35437					40			30			229		
234		229	5.13619	5.15736	5.18926	5.2536				229	5.47492	5.41512	4.46936	5.32439	8.35715					40			30			230		
235		230	5.13504	5.15618	5.18803	5.25227				230	5.46117	5.4002	4.44976	5.28707	8.35993					40			30			231		
236		231	5.13387	5.15497	5.18677	5.25094				231	5.44742	5.38529	4.43015	5.28944	8.3627					40			30			232		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
237		232	5.13268	5.15375	5.18549	5.24959				232	5.43367	5.37038	4.41055	5.27153	8.36548					40			30			233		
238		233	5.13146	5.1525	5.16419	5.24824				233	5.41993	5.35547	4.39095	5.27332	8.36826					40			30			234		
239		234	5.13022	5.15122	5.18287	5.24688				234	5.40618	5.34055	4.37135	5.25484	8.33466					40			30			235		
240		235	5.12895	5.14992	5.18153	5.24553				235	5.39243	5.32564	4.35175	5.24609	8.33713					40			30			236		
241		236	5.12767	5.1486	5.18018	5.24418				236	5.37868	5.31073	4.33215	5.24707	8.33959					40			30			237		
242		237	5.12636	5.14727	5.17883	5.24284				237	5.36493	5.29581	4.31254	5.22799	8.34206					40			30			238		
243		238	5.12503	5.14593	5.17749	5.2415				238	5.35119	5.2809	4.29294	5.22885	8.34453					40			30			239		
244		239	5.1237	5.14458	5.17616	5.24017				239	5.33744	5.26599	4.27334	5.20963	8.347					40			30			240		
245		240	5.12236	5.14325	5.17484	5.23885				240	5.32314	5.25062	4.25362	5.20036	8.31571					40			30			241		
246		241	5.12104	5.14194	5.17354	5.23753				241	5.30666	5.23342	4.23345	5.22102	8.3179					40			30			242		
247		242	5.11974	5.14065	5.17226	5.23622				242	5.29018	5.21622	4.21327	5.18161	8.32008					40			30			243		
248		243	5.11847	5.13938	5.17099	5.23492				243	5.27369	5.19902	4.1931	5.18205	8.32227					40			30			244		
249		244	5.11721	5.13813	5.16973	5.23361				244	5.25721	5.18183	4.17292	5.16233	8.32446					40			30			245		
250		245	5.11596	5.13688	5.16847	5.23229				245	5.24073	5.16463	4.15274	5.16246	8.32665					40			30			246		
251		246	5.11473	5.13565	5.16721	5.23097				246	5.22424	5.14743	4.13257	5.14238	8.29802					40			30			247		
252		247	5.11351	5.13441	5.16594	5.22964				247	5.20776	5.13023	4.11239	5.13211	8.29996					40			30			248		
253		248	5.11228	5.13317	5.16467	5.2283				248	5.19127	5.11303	4.09222	5.13163	8.30189					40			30			249		
254		249	5.11105	5.13192	5.1634	5.22695				249	5.17479	5.09584	4.07204	5.1111	8.30383					40			30			250		
255		250	5.10981	5.13066	5.16211	5.22558				250	5.15831	5.07864	4.05186	5.11061	8.30577					40			30			251		
256		251	5.10857	5.1294	5.16081	5.2242				251	5.14182	5.06144	4.03169	5.08987	8.30771					40			30			252		
257		252	5.10732	5.12812	5.15949	5.22281				252	5.12497	5.04389	4.01206	5.07917	8.2815					40			30			253		
258		253	5.10606	5.12683	5.15816	5.22139				253	5.10664	5.02495	3.99464	5.09842	8.28321					40			30			254		
259		254	5.10477	5.12553	5.15682	5.21996				254	5.08831	5.00602	3.97723	5.05761	8.28493					40			30			255		
260		255	5.10348	5.12421	5.15546	5.21852				255	5.06998	4.98708	3.95981	5.0567	8.28664					40			30			256		
261		256	5.10217	5.12288	5.15409	5.21705				256	5.05165	4.96814	3.94239	5.0357	8.28836					40			30			257		
262		257	5.10085	5.12153	5.1527	5.21557				257	5.03332	4.9492	3.92497	5.0346	8.29007					40						258		
263		258	5.09952	5.12016	5.15129	5.21408				258	5.01499	4.93026	3.90755	5.01336	8.2668					40						259		
264		259	5.09816	5.11878	5.14986	5.21256				259	4.99666	4.91132	3.89013	5.00198	8.26832					40						260		
265		260	5.09679	5.11739	5.14842	5.21103				260	4.97833	4.89238	3.87271	5.00046	8.26985					40						261		
266		261	5.09541	5.11597	5.14696	5.20947				261	4.96	4.87345	3.85529	4.9789	8.27137					40						262		
267		262	5.09401	5.11454	5.14549	5.2079				262	4.94167	4.85451	3.83787	4.9773	8.27289					40						263		
268		263	5.09259	5.11309	5.14399	5.20632				263	4.92334	4.83557	3.82045	4.95567	8.27442					40						264		
269		264	5.09115	5.11162	5.14248	5.20471				264	4.9047	4.81634	3.80317	4.944	8.25122					40						265		
270		265	5.08969	5.11014	5.14095	5.20308				265	4.88481	4.79597	3.78646	4.96229	8.25256					40						266		
271		266	5.08822	5.10864	5.1394	5.20144				266	4.86492	4.77559	3.76975	4.92055	8.2539					40						267		
272		267	5.08673	5.10712	5.13784	5.19978				267	4.84504	4.75521	3.75304	4.91867	8.25523					40						268		
273		268	5.08523	5.10558	5.13625	5.1981				268	4.82515	4.73483	3.73633	4.89685	8.25657					40						269		
274		269	5.08371	5.10403	5.13465	5.19641				269	4.80526	4.71445	3.71962	4.89449	8.25791					40						270		
275		270	5.08217	5.10246	5.13303	5.19471				270	4.78537	4.69408	3.70291	4.87222	8.23451					40						271		
276		271	5.08061	5.10087	5.1314	5.19301				271	4.76548	4.6737	3.6862	4.85983	8.23566					40						272		
277		272	5.07903	5.09926	5.12974	5.19131				272	4.74559	4.65333	3.66949	4.85732	8.23682					40						273		
278		273	5.07744	5.09764	5.12807	5.18961				273	4.7257	4.63295	3.65278	4.83478	8.23797					40						274		
279		274	5.07583	5.09599	5.12638	5.18793				274	4.70581	4.61257	3.63607	4.83221	8.23912					40						275		
280		275	5.0742	5.09433	5.12468	5.18627				275	4.68592	4.5922	3.61936	4.80961	8.24028					40						276		
281		276	5.07255	5.09265	5.12299	5.18463				276	4.66579	4.5716	3.60321	4.79697	8.2198					40						277		
282		277	5.07088	5.09096	5.12131	5.18301				277	4.64468	4.55013	3.58929	4.81431	8.2209					40						278		
283		278	5.0692	5.08927	5.11965	5.18142				278	4.62356	4.52866	3.57538	4.77161	8.2219					40						279		
284		279	5.06752	5.08761	5.11802	5.17985				279	4.60245	4.50719	3.56146	4.76891	8.2228					40						280		
285		280	5.06587	5.06598	5.11644	5.17831				280	4.58134	4.48572	3.54754	4.74621	8.2238					40						281		
286		281	5.06425	5.06439	5.11489	5.1768				281	4.56022	4.46425	3.53362	4.74351	8.22479					40						282		
287		282	5.06267	5.06284	5.11338	5.17531				282	4.53911	4.44277	3.51971	4.72072	8.20813					40						283		
288		283	5.06114	5.06134	5.11191	5.17384				283	4.51799	4.4213	3.50579	4.70784	8.209					40						284		
289		284	5.05965	5.07988	5.11046	5.17238				284	4.49688	4.39983	3.49187	4.70487	8.20987					40						285		
290		285	5.05821	5.07845	5.10904	5.17093				285	4.47577	4.37836	3.47795	4.68188	8.21079					40						286		
291		286	5.05679	5.07704	5.10762	5.16948				286	4.45465	4.35689	3.46404	4.67887	8.21162					40						287		
292		287	5.05539	5.07564	5.10622	5.16804				287	4.43354	4.33542	3.45013	4.65584	8.21249					40						288		
293		288	5.05401	5.07426	5.10482	5.16659				288	4.41225	4.31381	3.43653	4.64278	8.2095					40						289		
294		289	5.05264	5.07288	5.10343	5.16514				289	4.39026	4.29162	3.42424	4.6597	8.20168					40						290		
295		290	5.05128	5.07151	5.10203	5.16368				290	4.36826	4.26944	3.41196	4.61668	8.20247					40						291		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
296		291	5.04991	5.07013	5.10063	5.16222				291	4.34627	4.24725	3.39967	4.61358	8.20326					40						292		
297		292	5.04855	5.06875	5.09922	5.16075				292	4.32428	4.22506	3.38738	4.59061	8.20404					40						293		
298		293	5.04718	5.06736	5.0978	5.15926				293	4.30228	4.20288	3.3751	4.58772	8.20483					40						294		
299		294	5.04581	5.06597	5.09638	5.15777				294	4.28029	4.18069	3.36281	4.58477	8.20014					40						295		
300		295	5.04443	5.06457	5.09495	5.15626				295	4.2583	4.15851	3.35053	4.55175	8.20083					40						296		
301		296	5.04304	5.06317	5.09351	5.15475				296	4.2363	4.13632	3.33824	4.54867	8.20164					40						297		
302		297	5.04165	5.06175	5.09205	5.15322				297	4.21431	4.11414	3.32595	4.52558	8.20239					40						298		
303		298	5.04024	5.06032	5.09059	5.15168				298	4.19232	4.09195	3.31367	4.52246	8.20314					40						299		
304		299	5.03883	5.05888	5.08911	5.15012				299	4.17032	4.06977	3.30138	4.49933	8.20389					40						300		
305		300	5.0374	5.05743	5.08762	5.14855				300	4.14829	4.04752	3.28964	4.48619	8.20076					40						301		
306		301	5.03596	5.05597	5.08612	5.14697				301	4.12586	4.02503	3.28007	4.50303	8.20148					40						302		
307		302	5.03451	5.05449	5.08461	5.14537				302	4.10348	4.00254	3.27051	4.45985	8.20221					40						303		
308		303	5.03305	5.053	5.08308	5.14376				303	4.08109	3.98004	3.26094	4.45667	8.20293					40						304		
309		304	5.03157	5.0515	5.08154	5.14214				304	4.0587	3.95755	3.25137	4.43351	8.20366					40						305		
310		305	5.03008	5.04998	5.07998	5.1405				305	4.03632	3.93506	3.24181	4.43039	8.20438					40						306		
311		306	5.02858	5.04845	5.07841	5.13885				306	4.01393	3.91256	3.23224	4.40716	8.20337					40						307		
312		307	5.02706	5.04691	5.07683	5.13718				307	3.99154	3.89007	3.22267	4.39395	8.20408					40						308		
313		308	5.02553	5.04535	5.07523	5.1355				308	3.96915	3.86758	3.21311	4.39071	8.20479					40						309		
314		309	5.02399	5.04378	5.07362	5.13381				309	3.94677	3.84509	3.20354	4.36747	8.20551					40						310		
315		310	5.02243	5.0422	5.07199	5.13211				310	3.92438	3.82259	3.19397	4.36422	8.20622					40						311		
316		311	5.02086	5.0406	5.07035	5.13041				311	3.90199	3.8001	3.18441	4.34097	8.20693					40						312		
317		312	5.01928	5.03899	5.0687	5.12871				312	3.87954	3.77763	3.17528	4.32771	8.20702					40						313		
318		313	5.01768	5.03736	5.06703	5.12703				313	3.85684	3.75525	3.1679	4.34445	8.20773					40						314		
319		314	5.01607	5.03572	5.06535	5.12535				314	3.83414	3.73288	3.16052	4.30118	8.20844					40						315		
320		315	5.01444	5.03406	5.06366	5.12368				315	3.81144	3.7105	3.15314	4.29794	8.20914					40						316		
321		316	5.01279	5.03239	5.06198	5.12204				316	3.78873	3.68812	3.14576	4.27473	8.20985					40						317		
322		317	5.01114	5.03072	5.06031	5.12042				317	3.76603	3.66575	3.13838	4.27154	8.21056					40						318		
323		318	5.00947	5.02905	5.05866	5.11882				318	3.74333	3.64337	3.131	4.24834	8.21214					40						319		
324		319	5.00781	5.0274	5.05703	5.11724				319	3.72063	3.62099	3.12362	4.23513	8.21286					40						320		
325		320	5.00617	5.02577	5.05544	5.11569				320	3.69793	3.59862	3.11624	4.23192	8.21357					40						321		
326		321	5.00456	5.02417	5.05389	5.11415				321	3.67522	3.57624	3.10886	4.2087	8.21429					40						322		
327		322	5.00297	5.02262	5.05236	5.11264				322	3.65252	3.55386	3.10148	4.20549	8.215					40						323		
328		323	5.00143	5.02111	5.05087	5.11114				323	3.62982	3.53149	3.0941	4.18228	8.21572					40						324		
329		324	4.99993	5.01963	5.0494	5.10966				324	3.6074	3.50922	3.08724	4.16907	8.22048					40						325		
330		325	4.99847	5.01817	5.04795	5.10818				325	3.58613	3.48739	3.08245	4.18586	8.22121					40						326		
331		326	4.99702	5.01674	5.04651	5.10671				326	3.56486	3.46555	3.07766	4.14265	8.22195					40						327		
332		327	4.9956	5.01531	5.04507	5.10523				327	3.54358	3.44372	3.07287	4.13964	8.22269					40						328		
333		328	4.99419	5.0139	5.04365	5.10376				328	3.52231	3.42189	3.06807	4.11682	8.22343					40						329		
334		329	4.99279	5.01249	5.04222	5.10228				329	3.50104	3.40006	3.06328	4.11421	8.22417					40						330		
335		330	4.9914	5.01109	5.04079	5.1008				330	3.47977	3.37823	3.05849	4.09171	8.23337					40						331		
336		331	4.99	5.00968	5.03936	5.09932				331	3.4585	3.35639	3.0537	4.07931	8.23416					40						332		
337		332	4.98861	5.00827	5.03793	5.09783				332	3.43722	3.33456	3.0489	4.07703	8.23495					40						333		
338		333	4.98722	5.00686	5.03649	5.09633				333	3.41595	3.31273	3.04411	4.0549	8.23574					40						334		
339		334	4.98582	5.00545	5.03505	5.09482				334	3.39468	3.2909	3.03932	4.05261	8.23653					40						335		
340		335	4.98441	5.00402	5.0336	5.0933				335	3.37341	3.26907	3.03453	4.03047	8.23732					40						336		
341		336	4.983	5.00259	5.03214	5.09177				336	3.35149	3.24743	3.0302	4.01838	8.24971					40						337		
342		337	4.98158	5.00116	5.03067	5.09024				337	3.32699	3.22557	3.02775	4.03633	8.25057					40						338		
343		338	4.98016	4.99971	5.02919	5.08869				338	3.30249	3.2057	3.0253	3.99433	8.25143					40						339		
344		339	4.97873	4.99826	5.0277	5.08713				339	3.27799	3.18484	3.02285	3.9924	8.25228					40						340		
345		340	4.97729	4.99679	5.02621	5.08556				340	3.25349	3.16398	3.0204	3.97052	8.25314					40						341		
346		341	4.97583	4.99532	5.0247	5.08398				341	3.22899	3.14311	3.01795	3.96872	8.254					40						342		
347		342	4.97437	4.99384	5.02318	5.0824				342	3.20449	3.12225	3.0155	3.94689	8.27089					40						343		
348		343	4.9729	4.99234	5.02165	5.08081				343	3.17999	3.10139	3.01304	3.93505	8.27184					40						344		
349		344	4.97142	4.99084	5.02012	5.0792				344	3.15549	3.08052	3.01059	3.93319	8.2728					40						345		
350		345	4.96993	4.98933	5.01856	5.07756				345	3.131	3.05966	3.00814	3.91142	8.27375					40						346		
351		346	4.96843	4.98781	5.017	5.07587				346	3.1065	3.0388	3.00569	3.90973	8.2747					40						347		
352		347	4.96692	4.98627	5.01542	5.0742				347	3.082	3.01793	3.00324	3.88813	8.27565					40						348		
353		348	4.9654	4.98472	5.01385	5.07262				348	3.0611	3.00124	3.00128	3.87662	8.2878					40						349		
354		349	4.96387	4.98314	5.01228	5.07122				349	3.05459	3.00124	3.00127	3.89519	8.28882					40						350		

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355		350	4.9623	4.98157	5.01069	5.07007				350	3.04808	3.00124	3.00127	3.85385	8.28983					40						351		
356		351	4.96072	4.98001	5.00903	5.06926				351	3.04157	3.00124	3.00127	3.85363	8.29085					40						352		
357		352	4.95917	4.97849	5.00731	5.06886				352	3.03506	3.00124	3.00126	3.83451	8.29187					40						353		
358		353	4.95768	4.97692	5.00562	5.06895				353	3.02855	3.00124	3.00126	3.8365	8.29288					40						354		
359		354	4.95619	4.9752	5.00412	5.06962				354	3.02334	3.00124	3.00126	3.81974	8.29544					40						355		
360		355	4.9545	4.97332	5.00296	5.07094				355	3.02334	3.00124	3.00126	3.81425	8.29646					40						356		
361		356	4.95257	4.97157	5.00231	5.07302				356	3.02334	3.00124	3.00126	3.82002	8.29749					40						357		
362		357	4.95059	4.97032	5.00237	5.07595				357	3.02334	3.00124	3.00126	3.80597	8.29851					40						358		
363		358	4.94929	4.9699	5.00332	5.07984				358	3.02334	3.00124	3.00126	3.81212	8.29954					40						359		
364		359	4.94886	4.97037	5.00519	5.0847				359	3.02334	3.00124	3.00126	3.79665	8.30056					40						360		
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