## pm64\_capchance - Tables

Enemy	Multiplier			95% N	Aultiplier			90	0% Multiplier				85% Mul	tiplier				80% Mult	iplier			75% M	ultiplier			70% M	ultiplier			65% Mi	ultiplier			60% Mu	Itiplier			50% Ma	ultiplier	
Blue Goomba	80		No	ormal	Dodge	Master		Normal		Dodge Ma	kster	No	ormal	Dodg	e Master		Normal		Dodg	e Master		Normal	Dod	ge Master		Normal	Dod	ige Master	N	ormal	Dodg	Master .		Normal		ge Master		lormal	Dodg	ge Master
Red Goomba	80	Bounce	%	1/x	*	1/x	%	1/x	5		1/x	%	1/x	*	1/x	*		1/x	*	1/x	*	1/x	%	1/x	%	1/x	*	1/x	*	1/x	*	1/x	*	1/x	*	1/x	*	1/x	%	1/x
King Goomba	80	3	100	1	100	1	100	1	1		1	100	1	100	1	100		1	100	1	100	1	100	1	98	1	100	1	84.1	1.1	100	1	72.2	1.3	89.1	1.1	50.4	1.9	64.3	1.5
Jr. Troopa (Prologue)	80	4	100	1	100	1	100	1	1		1	100	1	100	1	100		1	100	1	84.1	1.1	100	1	66.9	1.4	90	1.1	45.8	2.1	74.2	1.3	31.4	3.1	52.9	1.8	12.9	7.6	23.5	4.2
Jr. Troopa (Ch. 1)	80	5	100	1	100	1	100	1	1		1	100	1	100	1	81.1		1.2	100	1	53.3	1.8	89.1	1.1	31.8	3.1	62.4	1.6	16.3	6.1	39.7	2.5	8.1	12.3	20.9	4.7	1.6	59.7	4.9	20.3
Jr. Troopa (Ch. 3)	80	6	100	1	100	1	100	1	1		1	87.1	1.1	100	1	52.2		1.9	98	1	25.3	3.9	64.4	1.5	10.3	9.6	33.3	2.9	3.7	26.8	15.3	6.5	1.2	77.8	5.6	17.8	0.1	862.3	0.5	171.6
Jr. Troopa (Ch. 5)	75	7	100	1	100	1	100	1	1		1	63.8	1.5	100	1	26.9		3.7	83.4	1.1	9	11	38.2	2.6	2.3	42.2	13.5	7.3	0.5	181	4.2	23.5	0.1	786.5	0.9	100.1	0	21775.1	0	2477.3
Jr. Troopa (Ch. 7)	75	8	100	1	100	1	94	1	1		1	39.8	2.5	100	1	10.9		9.1	61.1	1.6	2.4	41.4	18.5	5.3	0.3	266.5	4.1	24	0	1828.2	0.8	118.8	0	13240.6	0.1	842.6	0	1099647.1	0	62553.9
Jr. Troopa (Ch. 8)	70	9	100	1	100	1	79.1	1.2	1		1	20.8	4.7	100	1	3.5		28	38.7	2.5	0.4	209.1	7.3	13.6	0	2447.7	0.9	101.1	0	30774.7	0.1	857.2	0	334325.5	0	10638.6	0	111064358.6	0	3158973.3
Chan	100	10	100	1	100	1	59.5	1.6	1		1	9.3	10.7	92	1	0.9	1	108.8	21.1	4.7	0	1408	2.3	42.9	0	30903	0.1	567.6	0	777063.5	0	8657.9	0	16883437.9	0	214901.6	0	11217500224	0	319056312.6
Lee	90	11	100	1	100	1	40.1	2.4	1		1	3.5	28.5	77.4	1.2	0.1	5	523.6	9.8	10.1	0	12928.5	0.5	166.7	0	624241.1	0	4095.2	0	39241709.2	0	124921.5	0	1705227231	0	7235021.9	0	1.13E+12	0	32224687581
Master [1]	80	12	100	1	100	1	24.2	4.1	1		1	1.1	90.1	59.8	1.6	0		3111	3.9	25	0	163223.2	0.1	802.1	0	21016119.3	0	37601.8	0	3963412634	0	2523414.6	0	1.72E+11	0	365368607.2	0	1.14E+14	0	3.25E+12
Master [2]	75	13	100	1	100	1	13.1	7.5	1		1	0.2	337	42	2.3	0	24	4170.1	1.3	72.3	0	2747591.4	0	4765.7	0	1061314025	0	474723.2	0	4.00E+11	0	84954961.1	0	1.74E+13	0	36902229328	0	1.16E+16	0	3.29E+14
Master [3]	70	14	98	1	100	1	6.3	15.6	1		1	0	1480.2	27	3.6	0	24	14118.3	0.4	243.7	0	69376684.4	0	34381.2	0	1.07E+11	0	7991175.4	0	4.04E+13	0	4290225540	0	1.76E+15	0	3.73E+12	0	1.17E+18	0	3.32E+16
Kent C. Koopa	70	15	91.2	1	100	1	2.7	35.8	1		1	0	7868.4	15.8	6.3	0	306	81994.4	0.1	946.8	0	2335681711	0	315682.2	0	1.08E+13	0	201777179.1	0	4.08E+15	0	4.33E+11	0	1.77E+17	0	3.76E+14	0	1.18E+20	0	3.35E+18
Bowser???	90	16	80.3	1.2	100	1	1	92.9	1		1	0	49669.8	8.4	11.8	0	518	380240.7	0	4346.7	0	1.18E+11	0	3542656.3	0	1.09E+15	0	6793165032	0	4.12E+17	0	4.38E+13	0	1.79€+19	0	3.80E+16	0	1.19E+22	0	3.39€+20
Ninjakoopa	95	17	66.8	1.4	100	1	0.3	268	1		1	0	385896.6	4.1	24.3	0	1047	17980862	0	23106.1	0	1.19E+13	0	51115469.6	0	1.10E+17	0	3.43E+11	0	4.17E+19	0	4.42E+15	0	1.81E+21	0	3.84E+18	0	1.20E+24	0	3.42E+22
Buzzar	75	18	52.2	1.9	100	1	0.1	873.4	1		1	0	3543233.2	1.8	54.7	0	2646	61516771	0	145857.6	0	1.20E+15	0	1032532486	0	1.12E+19	0	3.46E+13	0	4.21E+21	0	4.46E+17	0	1.83E+23	0	3.88E+20	0	1.21E+26	0	3.45E+24
Tutankoopa	70	19	38.8	2.5	100	1	0	3150.6	5 1		1	0	39762950.5	0.7	134.7	0	8.9	91E+11	0	1052258.7	0	1.22E+17	0	26071445279	0	1.13E+21	0	3.50E+15	0	4.25E+23	0	4.51E+19	0	1.85E+25	0	3.92E+22	0	1.23E+28	0	3.49E+26
Tubba Blubba	75	20	27.2	3.6	100	1	0	12728	5 1		1	0	573722571.5	0.2	367.8	0	4.5	50E+13	0	8856511	0	1.23E+19	0	8.78E+11	0	1.14E+23	0	3.53E+17	0	4.29E+25	0	4.55E+21	0	1.86E+27	0	3.96E+24	0	1.24E+30	0	3.52E+28
Tubba's Heart	75	21	18.1	5.5	100	1	0	58435.	6 1		1	0	9657663289	0	1092.8	0	4.5	54E+15	0	89450761.8	0	1.24E+21	0	4.43E+13	0	1.15E+25	0	3.57E+19	0	4.33E+27	0	4.60E+23	0	1.88E+29	0	4.00E+26	0	1.25E+32	0	3.56E+30
Anti Guy	75	22	11.2	8.8	100	1	0	310631	.5 0.97029	70297	1	0	1.95E+11	0	3560.6	0	4.5	59E+17	0	1129315868	0	1.25E+23	0	4.48E+15	0	1.16E+27	0	3.61E+21	0	4.38E+29	0	4.65E+25	0	1.90E+31	0	4.04E+28	0	1.26E+34	0	3.60E+32
General Guy	75	23	6.5	15.1	100	1	0	1845517	7.1 0.9126	55622	1	0	4.93E+12	0	12843.7	0	4.6	64E+19	0	16294414665	0	1.26E+25	0	4.52E+17	0	1.17E+29	0	3.64E+23	0	4.42E+31	0	4.69E+27	0	1.92E+33	0	4.08E+30	0	1.28E+36	0	3.63E+34
Bulb	80	24	3.6	27.3	100	1	0	1242648	1.8 0.83132	298735	1.2	0	1.66E+14	0	51888.8	0	4.6	68E+21	0	2.74E+11	0	1.28E+27	0	4.57E+19	0	1.18E+31	0	3.68E+25	0	4.47E+33	0	4.74E+29	0	1.94E+35	0	4.12E+32	0	1.29E+38	0	3.67E+36
Big Lantern Ghost	75	25	1.9	52	100	1	0	9654420	5.1 0.73255	580073	1.3	0	8.37E+15	0	227859.6	0		73E+23	0	5.54E+12	0	1.29E+29	0	4.61E+21	0	1.20E+33	0	3.71E+27	0	4.51E+35	0	4.79E+31	0	1.96E+37	0	4.16E+34	0	1.30E+40	0	3.70E+38
Fuzzipede	75	26	0.9	105.2	100	1	0	88645133	88.1 0.62376	522637	1.6	0	8.46E+17	0	1095896.2	0		78E+25	0	1.40E+14	0	1.30E+31	0	4.66E+23	0	1.21E+35	0	3.75E+29	0	4.56E+37	0	4.83E+33	0	1.98E+39	0	4.20E+36	0	1.32E+42	0	3.74E+40
Lava Piranha	70	27	0.4	226.1	100	1	0	89531585	516 0.51259	967117	1.9	0	8.54E+19	0	5825553.7	0		82E+27	0	4.71E+15	0	1.32E+33	0	4.71E+25	0	1.22E+37	0	3.79E+31	0	4.60E+39	0	4.88E+35	0	2.00€+41	0	4.24E+38	0	1.33E+44	0	3.78E+42
Petit Piranha	80	28	0.1	519	100	1	0	1.00E+1		71974	2.4	0	8.63E+21	0	34610643.1	0		87E+29	0	2.38E+17	0	1.33E+35	0	4.75E+27	0	1.23E+39	0	3.83E+33	0	4.65E+41	0	4.93E+37	0	2.02E+43	0	4.28E+40	0	1.34E+46	0	3.82E+44
Amazy Dayzee	70	29	0	1278.5	100	1	0	1.27E+1			3.2	0	8.71E+23	0	233044997.1	0		92E+31	0	2.40E+19	0	1.34E+37	0	4.80E+29	0	1.24E+41	0	3.87E+35	0	4.69E+43	0	4.98E+39	0	2.04E+45	0	4.33E+42	0	1.36E+48	0	3.85E+46
Spike?	75	30	0	3311.1	100	1	0	1.83E+1			4.4	0	8.80E+25	0	1810580363	0	4.5	97E+33	0	2.43E+21	0	1.36E+39	0	4.85E+31	0	1.26E+43	0	3.90E+37	0	4.74E+45	0	5.03E+41	0	2.06E+47	0	4.37E+44	0	1.37E+50	0	3.89E+48
Huff N. Puff	70								0.1594																															
Blooper	90								0.1073																															
Electro Blooper	85								0.06907																															
Super Blooper	75								0.04308																															
Monstar	90								0.02602																															
Crystal King	70								0.01520																															
Crystal Bit	90								0.008579																															
Bowser [0] (intro)	80								0.00467																															
Bowser [1] (Hallway)	65								0.00245																															
Bowser [2] (Final)									0.001233																															
Bowser [3] (Post-Twink?) Kammy Koopa	60 80								0.00060																															
Kammy Koopa	80																																							
									0.00012																															
									0.00002																															
									0.00002																															
									0.000000																															
									0.00000																															
									0.000000																															
									0.000000	0109204																														
									0.000000	0033518																														
									0.000000	0009955																														
									0.000000	0002858																														

## pm64\_capchance - Cap Chance

Enemy	Multiplier			95% N	Aultiplier			90	% Multiplier			85% Multiplier					80% Mu	Itiplier			75% Mu	tiplier		70% Multiplier 65					65% Ms	% Multiplier			60% Multiplier			50% Multiplier			
Blue Goomba	80		No	rmal	Dodg	ige Master		formal	1	Dodge Masti	er	Norm	al	Dodge Mas	ster	Norm	al	Dodge	Master	Non	rmal	Dodge	Master	No	ormal	Dodge	Master	Norm	al	Dodge	Master	No	rmal	Dodge I	Master	Norr	aal	Dodge	Master
Red Goomba	80																																						
King Goomba	80		Average:	18.972	Average:	0	Average:	11.204	Averag	ge: 25.	51272965	Average:	8.256	Average:	13.292	Average:	6.756	Average:	9.178	Average:	5.745	Average:	7.204	Average:	5.096	Average:	6.043	Average:	4.504	Average:	5.343	Average:	4.13	Average:	4.695	Average:	3.65	Average:	3.932
Jr. Troopa (Prologue)	80	Bounce	%	1/x	%	1/x	%	1/x	%		1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x	%	1/x
Jr. Troopa (Ch. 1)	80	3	0.00%				0.00	1%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		2.00%	6 50	0.00%		15.90%	6.289308176	0.00%		27.809	3.597122302	10.90%	9.174311927	49.60%	2.016129032	35.70%	2.8011204
Jr. Troopa (Ch. 3)	80	4	0.00%				0.00	1%		0.00%		0.00%		0.00%		0.00%		0.00%		15.90%	6.289308176	0.00%		31.10%	3.215434084	10.00%	10	38.30%	2.610968057	25.80%	3.87596899	2 40.809	2.450980392	36.20%	2.762430939		2.666666667		2.4509803
Jr. Troopa (Ch. 5)	75	5	0.00%				0.00	196		0.00%		0.00%		0.00%		18.90%	5.291005291	0.00%		30.80%	3.246753247	10.90%	9.174311927	35.10%	2.849002849	27.60%	3.623188406	29.50%	3.389830508	34.50%	2.89855072	5 23.309	4.291845494	32.00%	3.125	11.30%	8.849557522	18.60%	5.3763440
Jr. Troopa (Ch. 7)	75	6	0.00%				0.00	1%		0.00%		12.90%	7.751937984	0.00%		28.90%	3.460207612	2.00%	5	0 28.00%	3.571428571	24.70%	4.048582996	21.50%	4.651162791	29.10%	3.438426117	12.60%	7.936507937	24.40%	4.09836065	6 6.909	14.49275362	15.30%	6.535947712	1.50%	66.66666667	4.40%	22.727272
Jr. Troopa (Ch. 8)	70	7	0.00%	i			0.00	196		0.00%		23.30%	4.291845494	0.00%		25.30%	3.95256917	14.60%	6.84931506	8 16.30%	6.134969325	26.20%	3.816793893	8.00%	4 12.5	19.80%	5.050505051	3.20%	31.25	11.10%	9.00900900	9 1.109	90.90909091	4.70%	21.27659574	0.10%	1000	0.50%	i 20
Chan	100	8	0.00%				6.00	16.6666	1667	0.00%		24.00%	4.166666667	0.00%		16.00%	6.25	22.30%	4.48430493	3 6.60%	15.15151515	19.70%	5.076142132	2.00%	6 50	9.40%	10.63829787	0.50%	200	3.40%	29.4117647	1 0.109	1000	0.80%	125	0.00%		0.00%	
Lee	90	9	0.00%				14.90	6.71140	1396	0.00%		19.00%	5.263157895	0.00%		7.40%	13.51351351	22.40%	4.46428571	4 2.00%	50	11.20%	8.928571429	0.30%	4 333.3333333	3.20%	31.25	0.00%		0.70%	142.857142	9 0.009		0.10%	1000	0.00%		0.00%	
Master [1]	80	10	0.00%				19.60	5.10204	816	0.00%		11.50%	8.695652174	8.00%	12.5	2.60%	38.46153846	17.60%	5.68181818	2 0.40%	250	5.00%	20	0.00%	6	0.80%	125	0.00%		0.10%	100	0.009		0.00%		0.00%		0.00%	
Master [2]	75	11	0.00%				19.40	5.15463	175	0.00%		5.80%	17.24137931	14.60%	6.849315068	0.80%	125	11.30%	8.84955752	2 0.00%		1.80%	55.5555556	0.00%	6	0.10%	1000	0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Master [3]	70	12	0.00%				15.90	6.28930	176	0.00%		2.40%	41.66666667	17.60%	5.681818182	0.10%	1000	5.90%	16.9491525	4 0.00%		0.40%	250	0.00%	6	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Kent C. Koopa	70	13	0.00%				11.10	9.00900	1009	0.00%		0.90%	111.1111111	17.80%	5.617977528	0.00%		2.60%	38.4615384	6 0.00%		0.10%	1000	0.00%	6	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Bowser???	90	14	2.00%	. 9	0		6.80	14.7058	1235	0.00%		0.20%	500	15.00%	6.666666667	0.00%		0.90%	111.111111	1 0.00%		0.00%		0.00%	6	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Ninjakoopa	95	15	6.80%	14.7058823	5		3.60	9% 27.7777	7778	0.00%		0.00%		11.20%	8.928571429	0.00%		0.30%	333.333333	3 0.00%		0.00%		0.00%	6	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Buzzar	75	16	10.90%	9.17431192	7			% 58.8235		0.00%		0.00%		7.40%	13.51351351	0.00%		0.10%	100	0.00%		0.00%		0.00%	6	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Tutankoopa	70	17	13.50%	7.40740740	7		0.70	142.857	429	0.00%		0.00%		4.30%	23.25581395	0.00%		0.00%		0.00%		0.00%		0.00%	6	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Tubba Blubba	75	18	14 60%	6.84931506	a a		0.20	196	500	0.00%		0.00%		2 30%	43.47826087	0.00%		0.00%		0.00%		0.00%		0.00%	4	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Tubba's Heart	75	19		7.46268656			0.10			0.00%		0.00%			90.90909091	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Anti Guy	75	20	11 60%	8.62068965	5		0.00	196		0.00%		0.00%		0.50%	200	0.00%		0.00%		0.00%		0.00%		0.00%	4	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
General Guy	75	21		10.9890109			0.00			0.00%		0.00%		0.20%	500	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Bulb	80	22		14.4927536			0.00			2.97% 33	3.6666667	0.00%		0.00%	#DIVID	0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Big Lantern Ghost	25	23		21,2765957-			0.00			5.76% 17		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Fuzzipede	75	24		34.4827586			0.00			8.13% 12		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Lava Piranha	20	25		58.8235294			0.00			9.88% 10		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Petit Piranha	90	26	1.00%				0.00			0.88%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Amazy Dayzee	30	27	0.50%				0.00			1.12% 8.		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Soilo?	76	28	0.30%				0.00			0.66% 9.		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Huff N. Puff	70	29	0.10%				0.00			9.65%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Blooper	90	30	0.00%				0.00			8.27% 12		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Electro Blooper	85	31	0.00%				0.00	779		8.27% 1: 6.74% 1:		0.00%		0.00%	ecrosol .	0.00%		0.00%		0.00%		0.00%		0.00%	•	0.00%		0.00%		0.00%		0.009		0.00%		0.00%		0.00%	
Super Blooper	75									5.21% 11																													
Super Biooper Monstar	90	32								3.83% 26																													
Crystal Kine	90	33								2.60% 31																													
Crystal King Crystal Bit	90																																						
	80									1.71% 50																													
Bowser [0] (Intro)																																							
Bowser [1] (Hallway)	65									0.66% 15	50.9975148																												
Bowser [2] (Final)	50																																						
Bowser [3] (Post-Twink?)	60																																						
Kammy Koopa	80																																						

## pm64\_capchance - Calculator

Bounce	Chance	Chance+1	Base	% Success	Total Chance (1/x)	Multiplier	% fail	% cap chance	0.7732098823
1	200	201	201	1	1	97	0	0.00%	
2	194	195	195	1	1	^ Edit this ^	0	0.00%	
3	188	189	189	1	1	(+7% for DM)	0	0.00%	
4	182	183	183	1	1		0	0.00%	
5	176	177	177	1	1		0	0.00%	
6	170	171	171	1	1		0	0.00%	
7	164	165	165	1	1		0	0.00%	
8	159	160	160	1	1		0	0.00%	
9	154	155	155	1	1		0	0.00%	
10	149	150	150	1	1		0	0.00%	
11	144	145	145	1	1		0	0.00%	
12	139	140	140	1	1		0	0.00%	
13	134	135	135	1	1		0	0.00%	
14	129	130	130	1	1		0	0.00%	
15	125	126	126	1	1		0	0.00%	
16	121	122	122	1	1		0	0.00%	
17	117	118	118	1	1		0	0.00%	
18	113	114	114	1	1		0	0.00%	
19	109	110	110	1	1		0	0.00%	
20	105	106	106	1	1		0	0.00%	
21	101	102	102	1	1		0	0.00%	
22	97	98	101	0.9702970297	1		0.0297029703	2.97%	
23	94	95	101	0.912655622	1		0.087344378	5.76%	
24	91	92	101	0.8313298735	1.2		0.1686701265	8.13%	
25	88	89	101	0.7325580073	1.3		0.2674419927	9.88%	
26	85	86	101	0.6237622637	1.6		0.3762377363	10.88%	
27	82	83	101	0.5125967117	1.9		0.4874032883	11.12%	
28	79	80	101	0.4060171974	2.4		0.5939828026	10.66%	
29	76	77	101	0.3095378634	3.2		0.6904621366	9.65%	
30	73	74	101	0.2267901177	4.4		0.7732098823	8.27%	
31	70	71	101	0.1594267164	6.2				

## pm64\_capchance - Calculator

32	67	68	101	0.1073367992	9.3		
33	64	65	101	0.06907813808	14.4		
34	62	63	101	0.04308834356	23.2		
35	60	61	101	0.02602365304	38.4		
36	58	59	101	0.01520193593	65.7		
37	56	57	101	0.008579310378	116.5		
38	54	55	101	0.004671901691	214		
39	52	53	101	0.002451591977	407.8		
40	50	51	101	0.001237932582	807.7		
41	48	49	101	0.0006005811537	1665		
42	46	47	101	0.0002794783587	3578		
43	44	45	101	0.0001245200608	8030.8		
44	42	43	101	.00005301349123	18863.1		
45	40	41	101	.00002152032812	46467.6		
46	38	39	101	00000830982967	120339.4		
47	36	37	101	00000304419502	328494		
48	34	35	101	00000105491906	947940		
49	32	33	101	00000034467652	2901270.9		
50	31	32	101	00000109204444	9157136.4		
51	30	31	101	00000003351819!	29834541.3		
52	29	30	101	0000009955899	100442956		
53	28	29	101	00000002858624	349818571		