

	Ro=	n * r^(n+1) * (r - 1)/(r^n - 1) r <>1		Ro =1 when r = 1				
n=	10	Days	10 Cases	Day 0	RoC=	Ro Cases (Day 10)		
SQRT(2)=	1.414214	Re Cases	Ro Cases		0.1	SQRT(3)=	1.732051	Mean
r	Re	Day 10	Day 10	Increase	(RoC/10)	r^1.1	Ro	r, r^1.2
1.00	1.000000	10.000	10.000	1.000	1.000000	1.000000	1.000000	1.000000
1.01	1.066379	11.046	11.165	1.011	1.011084	1.011005	1.073206	1.011006
1.02	1.135531	12.190	12.471	1.023	1.022329	1.022022	1.149851	1.022024
1.03	1.207474	13.439	13.933	1.037	1.033725	1.033049	1.229968	1.033054
1.04	1.282226	14.802	15.569	1.052	1.045263	1.044087	1.313588	1.044095
1.05	1.359798	16.289	17.397	1.068	1.056933	1.055135	1.400735	1.055148
1.06	1.440200	17.908	19.439	1.085	1.068726	1.066195	1.491428	1.066213
1.07	1.523439	19.672	21.716	1.104	1.080633	1.077264	1.585685	1.077289
1.08	1.609518	21.589	24.255	1.123	1.092646	1.088344	1.683516	1.088376
1.09	1.698439	23.674	27.081	1.144	1.104756	1.099434	1.784930	1.099475
1.10	1.790199	25.937	30.225	1.165	1.116956	1.110534	1.889929	1.110585
1.11	1.884796	28.394	33.718	1.187	1.129239	1.121645	1.998516	1.121706
1.12	1.982223	31.058	37.595	1.210	1.141598	1.132765	2.110688	1.132838
1.13	2.082472	33.946	41.894	1.234	1.154026	1.143895	2.226440	1.143981
1.14	2.185534	37.072	46.657	1.259	1.166518	1.155036	2.345764	1.155135
1.15	2.291399	40.456	51.927	1.284	1.179069	1.166185	2.468650	1.166299
1.16	2.400053	44.114	57.753	1.309	1.191673	1.177345	2.595088	1.177475
1.17	2.511482	48.068	64.186	1.335	1.204326	1.188514	2.725064	1.188661
1.18	2.625673	52.338	71.283	1.362	1.217022	1.199693	2.858562	1.199858
1.19	2.742609	56.947	79.105	1.389	1.229760	1.210882	2.995566	1.211065
1.20	2.862273	61.917	87.716	1.417	1.242533	1.222079	3.136061	1.222282
1.21	2.984649	67.275	97.188	1.445	1.255340	1.233286	3.280026	1.233510
1.22	3.109719	73.046	107.597	1.473	1.268177	1.244503	3.427444	1.244749
1.23	3.237464	79.259	119.023	1.502	1.281041	1.255728	3.578296	1.255997
1.24	3.367866	85.944	131.555	1.531	1.293929	1.266963	3.732561	1.267256
1.25	3.500907	93.132	145.286	1.560	1.306840	1.278206	3.890221	1.278525
1.26	3.636567	100.857	160.319	1.590	1.319771	1.289459	4.051255	1.289804
1.27	3.774828	109.153	176.761	1.619	1.332719	1.300721	4.215643	1.301092
1.28	3.915670	118.059	194.728	1.649	1.345684	1.311991	4.383366	1.312391
1.29	4.059075	127.614	214.346	1.680	1.358662	1.323271	4.554405	1.323700
1.30	4.205025	137.858	235.746	1.710	1.371654	1.334559	4.728740	1.335018
1.31	4.353500	148.838	259.072	1.741	1.384656	1.345855	4.906352	1.346346
1.32	4.504482	160.598	284.475	1.771	1.397669	1.357161	5.087223	1.357684
1.33	4.657955	173.187	312.117	1.802	1.410691	1.368475	5.271336	1.369031
1.34	4.813899	186.659	342.173	1.833	1.423720	1.379797	5.458672	1.380388
1.35	4.972297	201.066	374.826	1.864	1.436756	1.391128	5.649216	1.391755
1.36	5.133134	216.466	410.274	1.895	1.449798	1.402467	5.842950	1.403131
1.37	5.296392	232.919	448.726	1.927	1.462844	1.413815	6.039859	1.414516
1.38	5.462055	250.490	490.405	1.958	1.475895	1.425171	6.239928	1.425910
1.39	5.630107	269.245	535.550	1.989	1.488950	1.436535	6.443143	1.437314
1.40	5.800534	289.255	584.412	2.020	1.502007	1.447908	6.649490	1.448727
1.41	5.973320	310.593	637.261	2.052	1.515067	1.459288	6.858956	1.460150
1.42	6.148452	333.337	694.380	2.083	1.528128	1.470677	7.071527	1.471581
1.43	6.325914	357.569	756.073	2.114	1.541191	1.482073	7.287193	1.483021
1.44	6.505695	383.376	822.661	2.146	1.554254	1.493478	7.505941	1.494471
1.45	6.687780	410.847	894.484	2.177	1.567318	1.504890	7.727762	1.505929
1.46	6.872158	440.077	971.902	2.208	1.580383	1.516310	7.952644	1.517396
1.47	7.058816	471.165	1,055.298	2.240	1.593447	1.527739	8.180579	1.528873

	Ro= $n * r^{(n+1)} * (r - 1) / (r^n - 1)$ $r <> 1$			Ro =1 when r = 1					
n=	10	Days	10	Cases	Day 0	RoC=	Ro Cases (Day 10)		
SQRT(2)=	1.414214	Re Cases	Ro Cases			0.1	SQRT(3)=	1.732051	Mean
r	Re	Day 10	Day 10	Increase	(RoC/10)	r^1.1	Ro	r, r^1.2	
1.48	7.247743	504.217	1,145.076	2.271	1.606510	1.539175	8.411558	1.540358	
1.49	7.438926	539.340	1,241.665	2.302	1.619573	1.550618	8.645571	1.551851	
1.50	7.632357	576.650	1,345.518	2.333	1.632634	1.562070	8.882611	1.563354	
1.51	7.828023	616.268	1,457.112	2.364	1.645695	1.573529	9.122670	1.574865	
1.52	8.025915	658.318	1,576.955	2.395	1.658754	1.584995	9.365743	1.586385	
1.53	8.226024	702.934	1,705.580	2.426	1.671811	1.596469	9.611821	1.597913	
1.54	8.428340	750.252	1,843.552	2.457	1.684867	1.607951	9.860900	1.609450	
1.55	8.632854	800.418	1,991.467	2.488	1.697920	1.619440	10.112973	1.620995	
1.56	8.839558	853.583	2,149.953	2.519	1.710972	1.630937	10.368036	1.632549	
1.57	9.048444	909.906	2,319.671	2.549	1.724021	1.642440	10.626084	1.644112	
1.58	9.259503	969.551	2,501.322	2.580	1.737069	1.653952	10.887113	1.655682	
1.59	9.472728	1,032.693	2,695.639	2.610	1.750113	1.665470	11.151118	1.667261	
1.60	9.688113	1,099.512	2,903.398	2.641	1.763156	1.676996	11.418096	1.678848	
1.61	9.905649	1,170.196	3,125.414	2.671	1.776195	1.688529	11.688044	1.690444	
1.62	10.125332	1,244.945	3,362.547	2.701	1.789233	1.700069	11.960959	1.702048	
1.63	10.347153	1,323.964	3,615.698	2.731	1.802267	1.711616	12.236839	1.713659	
1.64	10.571107	1,407.468	3,885.817	2.761	1.815299	1.723170	12.515681	1.725279	
1.65	10.797189	1,495.683	4,173.902	2.791	1.828328	1.734732	12.797482	1.736907	
1.66	11.025393	1,588.843	4,481.002	2.820	1.841355	1.746300	13.082243	1.748543	
1.67	11.255713	1,687.193	4,808.218	2.850	1.854379	1.757876	13.369960	1.760188	
1.68	11.488144	1,790.989	5,156.707	2.879	1.867400	1.769458	13.660632	1.771840	
1.69	11.722682	1,900.496	5,527.682	2.909	1.880418	1.781047	13.954260	1.783500	
1.70	11.959322	2,015.994	5,922.418	2.938	1.893433	1.792643	14.250841	1.795167	
1.71	12.198060	2,137.771	6,342.250	2.967	1.906445	1.804246	14.550376	1.806843	
1.72	12.438890	2,266.128	6,788.580	2.996	1.919455	1.815856	14.852864	1.818527	
1.73	12.681810	2,401.381	7,262.875	3.024	1.932462	1.827472	15.158305	1.830218	
1.74	12.926816	2,543.856	7,766.675	3.053	1.945465	1.839095	15.466698	1.841917	
1.75	13.173903	2,693.894	8,301.591	3.082	1.958466	1.850725	15.778044	1.853624	
1.76	13.423068	2,851.850	8,869.312	3.110	1.971465	1.862361	16.092344	1.865338	
1.77	13.674308	3,018.093	9,471.605	3.138	1.984460	1.874004	16.409597	1.877060	
1.78	13.927619	3,193.008	10,110.319	3.166	1.997453	1.885654	16.729805	1.888790	
1.79	14.182999	3,376.994	10,787.389	3.194	2.010442	1.897310	17.052968	1.900527	
1.80	14.440444	3,570.467	11,504.839	3.222	2.023429	1.908973	17.379087	1.912272	
1.81	14.699952	3,773.860	12,264.785	3.250	2.036414	1.920642	17.708163	1.924024	
1.82	14.961520	3,987.621	13,069.439	3.278	2.049395	1.932318	18.040197	1.935783	
1.83	15.225145	4,212.219	13,921.113	3.305	2.062374	1.944000	18.375190	1.947551	
1.84	15.490825	4,448.138	14,822.221	3.332	2.075350	1.955688	18.713144	1.959325	
1.85	15.758558	4,695.883	15,775.286	3.359	2.088323	1.967383	19.054060	1.971107	
1.86	16.028341	4,955.979	16,782.942	3.386	2.101294	1.979084	19.397940	1.982896	
1.87	16.300173	5,228.969	17,847.937	3.413	2.114262	1.990791	19.744784	1.994693	
1.88	16.574050	5,515.419	18,973.140	3.440	2.127227	2.002505	20.094596	2.006496	
1.89	16.849972	5,815.915	20,161.545	3.467	2.140190	2.014225	20.447376	2.018308	
1.90	17.127936	6,131.066	21,416.273	3.493	2.153151	2.025951	20.803126	2.030126	
1.91	17.407941	6,461.505	22,740.579	3.519	2.166108	2.037683	21.161849	2.041951	
1.92	17.689985	6,807.886	24,137.857	3.546	2.179063	2.049422	21.523546	2.053784	
1.93	17.974065	7,170.890	25,611.643	3.572	2.192016	2.061166	21.888219	2.065623	
1.94	18.260182	7,551.223	27,165.623	3.598	2.204966	2.072917	22.255870	2.077470	
1.95	18.548332	7,949.615	28,803.636	3.623	2.217914	2.084674	22.626501	2.089324	

	Ro = $n * r^{(n+1)} * (r - 1) / (r^n - 1)$ $r <> 1$				Ro = 1 when r = 1				
n =	10	Days	10 Cases	Day 0	RoC =	Ro Cases (Day 10)			
SQRT(2) =	1.414214	Re Cases	Ro Cases			0.1	SQRT(3) =	1.732051	Mean
r	Re	Day 10	Day 10	Increase	(RoC/10)	r ^{1.1}	Ro	r, r ^{1.2}	
1.96	18.838516	8,366.826	30,529.679	3.649	2.230860	2.096436	23.000115	2.101185	
1.97	19.130730	8,803.640	32,347.915	3.674	2.243803	2.108205	23.376714	2.113053	
1.98	19.424975	9,260.872	34,262.677	3.700	2.256743	2.119980	23.756299	2.124928	
1.99	19.721249	9,739.368	36,278.475	3.725	2.269681	2.131760	24.138874	2.136810	
2.00	20.019550	10,240.000	38,400.000	3.750	2.282617	2.143547	24.524440	2.148698	
2.01	20.319878	10,763.675	40,632.134	3.775	2.295551	2.155339	24.913000	2.160594	
1.414214	6.046828	320.000	660.791	2.065	1.520570	1.464086	6.948146	1.464965	
1.732051	12.731887	2,430.000	7,363.738	3.030	1.935129	1.829855	15.221309	1.832616	
1.908667	17.370499	6,416.551	22,559.909	3.516	2.164381	2.036119	21.113859	2.040374	