

	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
r	Re	Day 10	Day 10	Increase	(RoC/10)	r <sup>1.2</sup>	Ro
1.00	1.000000	10.000	10.000	1.000	1.000000	1.000000	1.000000
1.01	1.066379	11.046	11.165	1.011	1.011084	1.012012	1.080069
1.02	1.135531	12.190	12.471	1.023	1.022329	1.024048	1.164314
1.03	1.207474	13.439	13.933	1.037	1.033725	1.036107	1.252791
1.04	1.282226	14.802	15.569	1.052	1.045263	1.048190	1.345548
1.05	1.359798	16.289	17.397	1.068	1.056933	1.060296	1.442624
1.06	1.440200	17.908	19.439	1.085	1.068726	1.072425	1.544055
1.07	1.523439	19.672	21.716	1.104	1.080633	1.084577	1.649868
1.08	1.609518	21.589	24.255	1.123	1.092646	1.096752	1.760086
1.09	1.698439	23.674	27.081	1.144	1.104756	1.108950	1.874726
1.10	1.790199	25.937	30.225	1.165	1.116956	1.121169	1.993800
1.11	1.884796	28.394	33.718	1.187	1.129239	1.133411	2.117315
1.12	1.982223	31.058	37.595	1.210	1.141598	1.145676	2.245275
1.13	2.082472	33.946	41.894	1.234	1.154026	1.157962	2.377678
1.14	2.185534	37.072	46.657	1.259	1.166518	1.170269	2.514522
1.15	2.291399	40.456	51.927	1.284	1.179069	1.182599	2.655798
1.16	2.400053	44.114	57.753	1.309	1.191673	1.194950	2.801498
1.17	2.511482	48.068	64.186	1.335	1.204326	1.207322	2.951609
1.18	2.625673	52.338	71.283	1.362	1.217022	1.219715	3.106119
1.19	2.742609	56.947	79.105	1.389	1.229760	1.232129	3.265011
1.20	2.862273	61.917	87.716	1.417	1.242533	1.244565	3.428270
1.21	2.984649	67.275	97.188	1.445	1.255340	1.257021	3.595878
1.22	3.109719	73.046	107.597	1.473	1.268177	1.269497	3.767816
1.23	3.237464	79.259	119.023	1.502	1.281041	1.281994	3.944067
1.24	3.367866	85.944	131.555	1.531	1.293929	1.294512	4.124611
1.25	3.500907	93.132	145.286	1.560	1.306840	1.307049	4.309430
1.26	3.636567	100.857	160.319	1.590	1.319771	1.319607	4.498504
1.27	3.774828	109.153	176.761	1.619	1.332719	1.332185	4.691814
1.28	3.915670	118.059	194.728	1.649	1.345684	1.344782	4.889343
1.29	4.059075	127.614	214.346	1.680	1.358662	1.357399	5.091073
1.30	4.205025	137.858	235.746	1.710	1.371654	1.370036	5.296986
1.31	4.353500	148.838	259.072	1.741	1.384656	1.382692	5.507065
1.32	4.504482	160.598	284.475	1.771	1.397669	1.395368	5.721296
1.33	4.657955	173.187	312.117	1.802	1.410691	1.408063	5.939661
1.34	4.813899	186.659	342.173	1.833	1.423720	1.420776	6.162148
1.35	4.972297	201.066	374.826	1.864	1.436756	1.433509	6.388742
1.36	5.133134	216.466	410.274	1.895	1.449798	1.446261	6.619431
1.37	5.296392	232.919	448.726	1.927	1.462844	1.459032	6.854202
1.38	5.462055	250.490	490.405	1.958	1.475895	1.471821	7.093045
1.39	5.630107	269.245	535.550	1.989	1.488950	1.484628	7.335950
1.40	5.800534	289.255	584.412	2.020	1.502007	1.497455	7.582907
1.41	5.973320	310.593	637.261	2.052	1.515067	1.510299	7.833908
1.42	6.148452	333.337	694.380	2.083	1.528128	1.523162	8.088945
1.43	6.325914	357.569	756.073	2.114	1.541191	1.536043	8.348011
1.44	6.505695	383.376	822.661	2.146	1.554254	1.548941	8.611101
1.45	6.687780	410.847	894.484	2.177	1.567318	1.561858	8.878209
1.46	6.872158	440.077	971.902	2.208	1.580383	1.574793	9.149330
1.47	7.058816	471.165	1,055.298	2.240	1.593447	1.587745	9.424461

	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
r	Re	Day 10	Day 10	Increase	(RoC/10)	r <sup>1.2</sup>	Ro
1.48	7.247743	504.217	1,145.076	2.271	1.606510	1.600715	9.703599
1.49	7.438926	539.340	1,241.665	2.302	1.619573	1.613703	9.986741
1.50	7.632357	576.650	1,345.518	2.333	1.632634	1.626708	10.273886
1.51	7.828023	616.268	1,457.112	2.364	1.645695	1.639730	10.565032
1.52	8.025915	658.318	1,576.955	2.395	1.658754	1.652770	10.860179
1.53	8.226024	702.934	1,705.580	2.426	1.671811	1.665826	11.159327
1.54	8.428340	750.252	1,843.552	2.457	1.684867	1.678900	11.462477
1.55	8.632854	800.418	1,991.467	2.488	1.697920	1.691991	11.769629
1.56	8.839558	853.583	2,149.953	2.519	1.710972	1.705099	12.080785
1.57	9.048444	909.906	2,319.671	2.549	1.724021	1.718223	12.395947
1.58	9.259503	969.551	2,501.322	2.580	1.737069	1.731364	12.715118
1.59	9.472728	1,032.693	2,695.639	2.610	1.750113	1.744522	13.038301
1.60	9.688113	1,099.512	2,903.398	2.641	1.763156	1.757697	13.365498
1.61	9.905649	1,170.196	3,125.414	2.671	1.776195	1.770888	13.696714
1.62	10.125332	1,244.945	3,362.547	2.701	1.789233	1.784095	14.031952
1.63	10.347153	1,323.964	3,615.698	2.731	1.802267	1.797319	14.371216
1.64	10.571107	1,407.468	3,885.817	2.761	1.815299	1.810559	14.714512
1.65	10.797189	1,495.683	4,173.902	2.791	1.828328	1.823815	15.061845
1.66	11.025393	1,588.843	4,481.002	2.820	1.841355	1.837087	15.413219
1.67	11.255713	1,687.193	4,808.218	2.850	1.854379	1.850375	15.768640
1.68	11.488144	1,790.989	5,156.707	2.879	1.867400	1.863679	16.128113
1.69	11.722682	1,900.496	5,527.682	2.909	1.880418	1.876999	16.491645
1.70	11.959322	2,015.994	5,922.418	2.938	1.893433	1.890335	16.859243
1.71	12.198060	2,137.771	6,342.250	2.967	1.906445	1.903686	17.230911
1.72	12.438890	2,266.128	6,788.580	2.996	1.919455	1.917053	17.606657
1.73	12.681810	2,401.381	7,262.875	3.024	1.932462	1.930436	17.986487
1.74	12.926816	2,543.856	7,766.675	3.053	1.945465	1.943834	18.370409
1.75	13.173903	2,693.894	8,301.591	3.082	1.958466	1.957247	18.758428
1.76	13.423068	2,851.850	8,869.312	3.110	1.971465	1.970676	19.150554
1.77	13.674308	3,018.093	9,471.605	3.138	1.984460	1.984120	19.546792
1.78	13.927619	3,193.008	10,110.319	3.166	1.997453	1.997579	19.947151
1.79	14.182999	3,376.994	10,787.389	3.194	2.010442	2.011054	20.351637
1.80	14.440444	3,570.467	11,504.839	3.222	2.023429	2.024543	20.760259
1.81	14.699952	3,773.860	12,264.785	3.250	2.036414	2.038047	21.173025
1.82	14.961520	3,987.621	13,069.439	3.278	2.049395	2.051567	21.589941
1.83	15.225145	4,212.219	13,921.113	3.305	2.062374	2.065101	22.011017
1.84	15.490825	4,448.138	14,822.221	3.332	2.075350	2.078650	22.436259
1.85	15.758558	4,695.883	15,775.286	3.359	2.088323	2.092214	22.865677
1.86	16.028341	4,955.979	16,782.942	3.386	2.101294	2.105792	23.299278
1.87	16.300173	5,228.969	17,847.937	3.413	2.114262	2.119385	23.737071
1.88	16.574050	5,515.419	18,973.140	3.440	2.127227	2.132993	24.179063
1.89	16.849972	5,815.915	20,161.545	3.467	2.140190	2.146615	24.625264
1.90	17.127936	6,131.066	21,416.273	3.493	2.153151	2.160252	25.075681
1.91	17.407941	6,461.505	22,740.579	3.519	2.166108	2.173902	25.530323
1.92	17.689985	6,807.886	24,137.857	3.546	2.179063	2.187568	25.989198
1.93	17.974065	7,170.890	25,611.643	3.572	2.192016	2.201247	26.452316
1.94	18.260182	7,551.223	27,165.623	3.598	2.204966	2.214941	26.919683
1.95	18.548332	7,949.615	28,803.636	3.623	2.217914	2.228648	27.391310

		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
r	Re	Day 10	Day 10	Increase	(RoC/10)	r <sup>1.2</sup>	Ro
1.96	18.838516	8,366.826	30,529.679	3.649	2.230860	2.242370	27.867204
1.97	19.130730	8,803.640	32,347.915	3.674	2.243803	2.256106	28.347374
1.98	19.424975	9,260.872	34,262.677	3.700	2.256743	2.269856	28.831829
1.99	19.721249	9,739.368	36,278.475	3.725	2.269681	2.283619	29.320578
2.00	20.019550	10,240.000	38,400.000	3.750	2.282617	2.297397	29.813628
2.01	20.319878	10,763.675	40,632.134	3.775	2.295551	2.311188	30.310989
1.414214	6.046828	320.000	660.791	2.065	1.520570	1.515717	7.940878
1.732051	12.731887	2,430.000	7,363.738	3.030	1.935129	1.933182	18.064888
1.908667	17.370499	6,416.551	22,559.909	3.516	2.164381	2.172082	25.469475