

	A	B	C	D	E	F	G	H	J	K	L	M
1	NZCOVID-19 Cases 2020			Diff	0	1st Cycle	2nd Cycle	Total		1st Cycle	2nd Cycle	Total
2	Re=	6.46			1.390595	5 Days	1.047307	6.46		1.390595017		
3			NZ Cases	r	1.390595	5.2	1.26	6.46	^5	5.2	1.26	6.46
4	0	16-Mar	8		10	10		0	0	10.00		
5	1	17-Mar	12		13.90595				5	52.00		
6	2	18-Mar	20		19.33755				10	270.40	12.600000	283.00
7	3	19-Mar	28		26.89069				15	1,406.08	65.520000	1,471.60
8	4	20-Mar	39		37.39406				20	7,311.62	340.704000	7,652.32
9	5	21-Mar	52	1.390595	52.00000	52.00000			25	38,020.40	1,771.660800	39,792.06
10	6	22-Mar	66		72.31094				30	197,706.10	9,212.636160	206,918.73
11	7	23-Mar	102		100.55523				35	1,028,071.70	47,905.708032	1,075,977.41
12	8	24-Mar	155		139.83161				40	5,345,972.85	249,109.681766	5,595,082.53
13	9	25-Mar	205		194.44914							
14	10	26-Mar	283		270.40000	270.40000	12.6	283				
15	11	27-Mar	368		376.01689							
16	12	28-Mar	451		522.88722							
17	13	29-Mar			727.12436							
18	14	30-Mar			1011.13551							
19	15	31-Mar			1406.08000	1406.08000						
20	16	1-Apr			1955.28784							
21	17	2-Apr			2719.01353							
22	18	3-Apr			3781.04666							
23	19	4-Apr			5257.90465							
24	20	5-Apr			7311.61600	7311.61600						
51	$R_0 = nr^{n+1}(r-1)/(r^n - 1)$											
52												
53												
54												
55												
56												
57		r	n		Re or Ro							
59		1.400000	10		5.8005338							
60	SQRT(2)	1.414214	10		6.0468277							
66	Diff	-0.014214			-0.246294							
67												
68	Day 0	Day 10	283/10		Re	r=Re^2	10r^5	10r^10				
69	10	283	28.3	SQRT	5.3197744	1.3969429	53.19774	283				