

	A	B	C	D	E	F	G	H	J	K	L	M
1	NZCOVID-19 Cases 2020			Diff	0.003709	1st Cycle	2nd Cycle	Total		1st Cycle	2nd Cycle	Total
2	Re=	5.8			1.390595	5 Days	1.395939	5.8		1.394304027	1.39593859	
3			NZ Cases	r	1.394304	5.2697184	0.530068	5.799786	^5	5.269718401	0.530067975	5.799786376
4	0	16-Mar	8		10	10		0.000214	0	10.00		
5	1	17-Mar	12		13.94304				5	52.70		
6	2	18-Mar	20		19.44084				10	277.70	5.300680	283.00
7	3	19-Mar	28		27.10644				15	1,463.40	28.097206	1,491.49
8	4	20-Mar	39		37.79462				20	7,711.69	148.934290	7,860.63
9	5	21-Mar	52	1.390595	52.69718	52.69718			25	40,638.44	789.452974	41,427.89
10	6	22-Mar	66		73.47590		1.3959	74.8718	30	214,153.14	4,184.637391	218,337.78
11	7	23-Mar	102		102.44774		1.9486	104.3964	35	1,128,526.75	22,181.422673	1,150,708.17
12	8	24-Mar	155		142.84329		2.7202	145.5635	40	5,947,018.19	117,576.617963	6,064,594.81
13	9	25-Mar	205		199.16698		3.7972	202.9642				
14	10	26-Mar	283		277.69932	277.69932	5.3007	283.0000				
15	11	27-Mar	368		387.19728		7.3994	394.5967				
16	12	28-Mar	451		539.87073		10.3291	550.1999				
17	13	29-Mar			752.74393		14.4188	767.1628				
18	14	30-Mar			1049.55389		20.1278	1069.6817				
19	15	31-Mar			1463.39722	1463.39722	28.0972	1491.4944				
20	16	1-Apr			2040.42063		39.2220	2079.6426				
21	17	2-Apr			2844.96671		54.7515	2899.7182				
22	18	3-Apr			3966.74854		76.4297	4043.1782				
23	19	4-Apr			5530.85346		106.6911	5637.5446				
24	20	5-Apr			7711.69125	7711.69125	148.9343	7860.6255				
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				