

Sheet1

part c)

	Increasing counts	Decreasing Counts	Result of the formula in item 5
1	0	0	0
2	3	3	1
4	4	4	2
8	5	5	3
16	6	6	4
32	7	7	5
64	8	8	6
128	9	9	7
256	10	10	8
512	11	11	9
1024	12	12	10
2048	13	13	11

part f)

	Increasing counts	Decreasing Counts	Result of the formula in item 5
1	0	0	0
3	3	3	1.584962501
7	4	4	2.807354922
15	5	5	3.906890596
31	6	6	4.95419631
63	7	7	5.977279923
127	8	8	6.988684687
255	9	9	7.994353437
511	10	10	8.997179481
1023	11	11	9.99859043
2047	12	12	10.99929539