Period		Height	
0		1	*2
1		2	+1
2		3	*2
3	2^3-2	6	+1
4	2^3-1	7	*2
5	2^4-2	14	+1
6	2^4-1	15	*2
7	2^5-2	30	+1
8	2^5-1	31	*2
9	2^6-2	62	+1
10	2^6-1	63	*2
11	2^7-2	126	