Input	Compaction Process												Encoded value
	1st call			2nd call			3rd call			4th call			
[1,1,1,1, 1,0,1,0, 0,0,0,0, 1,0,0,0]	[1,1,1,1,1,0,1,0, 0,0,0,0,1,0,0,0]			[1,1,1,1,1,0,1,0]			[1,1,1,1]			[1,1]			(-40) + (-8) = -48
	NL	NR	W	NL	NR	W	NL	NR	W	NL	NR	W	
	6	1	8*(-5)=-40	4	2	4*(-2)=-8	2	2	2*0=0	1	1	1*0=0	
[1,1,1,1, 1,0,0,0, 0,0,1,0, 0,0,0,0]	[1,1,1,1,1,0,0,0, 0,0,1,0,0,0,0,0]			[1,1,1,1,1,0,0,0]			[1,1,1,1]			[1,1]			(-32) + (-12) = -44
	NL	NR	W	NL	NR	W	NL	NR	W	NL	NR	W	
	5	1	8*(-4)=-32	4	1	4*(-3)=-12	2	2	2*0=0	1	1	1*0=0	
[1,0,0,0, 1,0,0,0, 0,0,1,0, 1,0,1,1]	[1,0,0,0,1,0,0,0, 0,0,1,0,1,0,1,1]			[0,0,1,0,1,0,1,1]			[1,0,1,1]			[1,1]			(16) + (8) +(2) = 26
	NL	NR	W	NL	NR	W	NL	NR	W	NL	NR	W	
	2	4	8*(2)=-16	1	3	4*(2)=-8	1	2	2*1=2	1	1	1*0=0	
[1,0,0,0, 0,0,0,0, 1,1,1,1, 1,1,1,1]	[1,0,0,0,0,0,0,0, 1,1,1,1,1,1,1,1]			[1,1,1,1,1,1,1,1]			[1,1,1,1]			[1,1]			(56) + (0) + (0) = 56
	NL	NR	W	NL	NR	W	NL	NR	W	NL	NR	W	
	1	8	8*(7)=-56	4	4	4*(0)=0	2	2	2*0=0	1	1	1*0=0	