Weight (Number of Moves from node j)							
0	1	2	3	4	5	6	7
0	0	0	0	0	0	3	20
0	0	0	0	0	2	17	17
0	0	0	0	2	11	11	11
0	0	0	2	5	5	5	5
0	0	0	3	3	3	3	3
0	0	1	1	1	1	1	1
0	0	0	0	0	3	3	3
0	0	0	0	3	3	3	3
0	0	0	3	3	3	3	3
0	0	2	2	2	2	2	2
0	1	1	1	1	1	1	1
0	0	1	1	1	1	1	1
0	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0
	0	0 1	0 1 2	0 1 2 3	0 1 2 3 4	0 1 2 3 4 5 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 2 11	0 1 2 3 4 5 6 0 0 0 0 0 0 3 0 0 0 0 0 2 17 0 0 0 0 2 11 11

Total: **71**

<-Highest amount to one node