


0	1	2	3	4	5	6
1	5	10	10	5	1	
	1	5	10	10	5	1
<hr/>						
1	6	15	20	15	6	1


 All the trees of the five, 1, 2, 3, 4, 5
 + all the trees - add #6 to them!

All the trees of the five 1, 2, 3, 4, 5, ~~6~~

Plus all the trees using #6 (choose 1 from the
 five to join the
 six!)