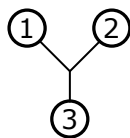


Unordered tree with
3 terminals

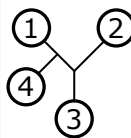


Possible
conformations:
1

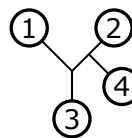
→
Attach one
more leaf

Unordered tree with 4 terminals

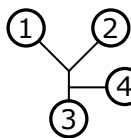
Option 1



Option 2



Option 3



Possible
conformations:
3

n	Unrooted	Rooted
3	1	3
4	3	15
5	15	105
6	105	945
7	945	10395
8	10395	135135
9	135135	2027025
10	2027025	34459425
20	2.22E+020	8.20E+021
30	8.69E+036	4.95E+038