

Graph nodes table:

<i>id</i>	<i>coordinates</i>
0	(1,3)
1	(1,1)
2	(2,3)
3	(3,4)
4	(3,1)
5	(4,3)
6	(5,3)
7	(5,1)
8	(7,4)
9	(7,2)

Graph segments table:

<i>id</i>	<i>start</i>	<i>end</i>	<i>length</i>
0	0	1	2
1	1	4	5
2	0	4	$2\sqrt{2}$
3	0	2	1
4	2	3	$\sqrt{2}$
5	4	3	3
6	3	5	$\sqrt{2}$
7	4	5	$\sqrt{5}$
8	5	7	$\sqrt{5}$
9	5	6	1
10	6	7	2
11	6	8	$\sqrt{5}$
12	7	9	$\sqrt{5}$
13	9	8	2

