

		0	1	2	3	4
		y	B	D	C	B
0	x	0	0	0	0	0
1	A	0	↑ 0	↑ 0	↑ 0	
2	B	0	↖ 1	← 1	← 1	
3	C	0	↑ 1	↑ 1	↖ 2	
4	B	0	↖ 1	↑ 1	↑ 2	

		0	1	2	3	4	5
		y	B	A	A	B	C
0	x	0	0	0	0	0	0
1	B	0	↖1	←1	←1	↖1	
2	A	0	↑1	↖2	↖2	←2	
3	C	0	↑1	↑2	↑2	↑2	
4	B	0	↖1	↑2	↑2	↖3	