

	A		B					
--	----------	--	----------	--	--	--	--	--

1) Initial solution

A2	A1	A3	A4	B				
----	----	----	----	----------	--	--	--	--

2) After expanding A. B is pushed to the next nearest cell.

A2	A1	A3	A4	B1	B2	B3		
----	----	----	----	----	----	----	--	--

3) Completed expansion.