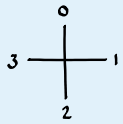
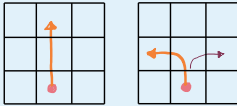
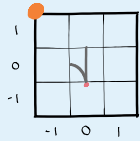


orientations



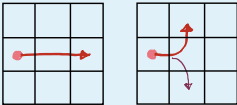
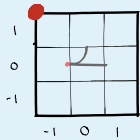
track(0,0,2,0,1)



(0,-1)

$(0,-1) \rightarrow (0,0) \rightarrow (0,1)$
 $(0,-1) \rightarrow (0,0) \rightarrow (-1,0)$
 $\rightarrow (1,0)$

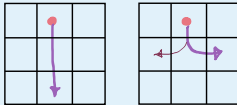
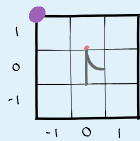
track(0,0,2,1,1)



(-1,0)

$(-1,0) \rightarrow (0,0) \rightarrow (1,0)$
 $(-1,0) \rightarrow (0,0) \rightarrow (0,1)$
 $\rightarrow (0,-1)$

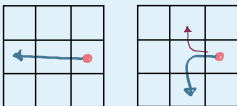
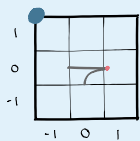
track(0,0,2,2,1)



(0,1)

$(0,1) \rightarrow (0,0) \rightarrow (0,-1)$
 $(0,1) \rightarrow (0,0) \rightarrow (1,0)$
 $\rightarrow (-1,0)$

track(0,0,2,3,1)



(1,0)

$(1,0) \rightarrow (0,0) \rightarrow (-1,0)$
 $(1,0) \rightarrow (0,0) \rightarrow (0,-1)$
 $\rightarrow (0,1)$

$path(x_2, y_2, x_1, y_1, x_0, y_0) :- path(x_0, y_0, x_1, y_1, x_2, y_2)$