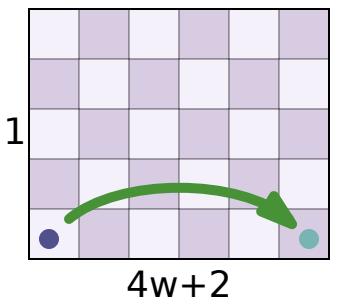
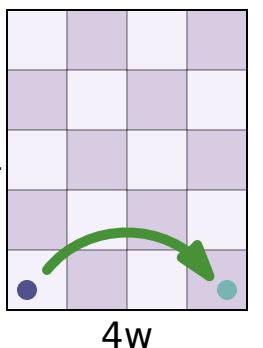
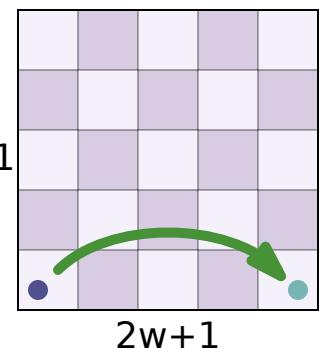


odd/even



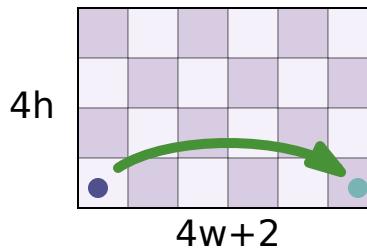
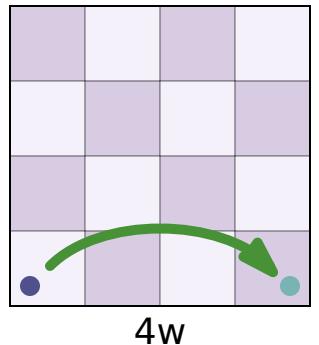
The diagram shows a 2D grid representing a search space. The horizontal axis is labeled  $2w+1$  at both ends. The vertical axis has two labels:  $2\lfloor h/2 \rfloor + 1$  at the top and  $2\lfloor h/2 \rfloor$  at the bottom. The grid consists of light purple squares. A green path starts at a blue dot at  $(2w+1, 2\lfloor h/2 \rfloor + 1)$ , moves right to a green dot at  $(2w+2, 2\lfloor h/2 \rfloor + 1)$ , then down to a green dot at  $(2w+2, 2\lfloor h/2 \rfloor)$ . From there, it moves right to a blue dot at  $(2w+3, 2\lfloor h/2 \rfloor)$ , then up to a green dot at  $(2w+3, 2\lfloor h/2 \rfloor + 1)$ , and finally right again to a green dot at  $(2w+4, 2\lfloor h/2 \rfloor + 1)$ .

odd/odd

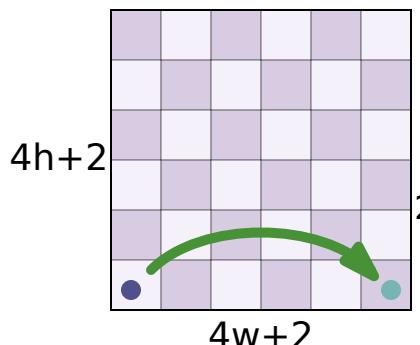
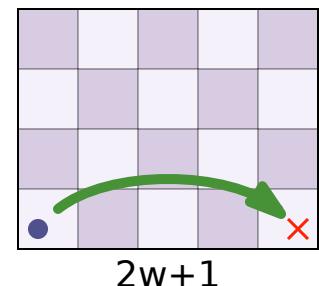


A 2D grid diagram illustrating a path between two points. The grid is composed of light purple squares. A horizontal black line divides the grid into two sections. A green arrow starts at a blue dot located at the intersection of the second column from the left and the second row from the bottom. It points to a green dot located at the intersection of the second column from the right and the second row from the bottom. The vertical axis is labeled  $2\lfloor h/2 \rfloor + 1$  and the horizontal axis is labeled  $2\lfloor w/2 \rfloor$ .

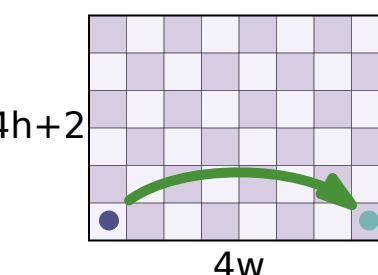
even/even



## even/odd



The diagram shows a 2D grid with nodes at  $(2h, 2w+1)$  and  $(h+2, 2w+1)$ . Green arrows indicate paths between these nodes.



The diagram shows a 2D grid with horizontal and vertical axes. The vertical axis is labeled with values  $2h$ ,  $2h+2$ , and  $2\lfloor w/2 \rfloor$  at the bottom, and  $2\lfloor w/2 \rfloor + 1$  at the top. The horizontal axis is labeled with  $2\lfloor w/2 \rfloor$  and  $2\lfloor w/2 \rfloor + 1$ . The grid is divided into several regions by thick black lines. Some regions are shaded light purple, while others are white. Four blue dots are placed at the intersections of the second column from the left and the rows labeled  $2h$ ,  $2h+2$ , and  $2\lfloor w/2 \rfloor$ . A red 'X' is placed at the intersection of the third column and the row labeled  $2h+2$ . Green arrows indicate transitions between the dots: one arrow points from the dot at  $(2h, 2)$  up to the dot at  $(2h+2, 2)$ ; another arrow points from the dot at  $(2h+2, 2)$  down to the dot at  $(2\lfloor w/2 \rfloor, 2)$ ; a third arrow points from the dot at  $(2\lfloor w/2 \rfloor, 2)$  down to the dot at  $(2\lfloor w/2 \rfloor + 1, 2)$ ; and a fourth arrow points from the dot at  $(2\lfloor w/2 \rfloor + 1, 2)$  right to the red 'X' at  $(2\lfloor w/2 \rfloor + 1, 3)$ .