

Fourth Problem of the Week, due Thursday 03/07 11:59pm

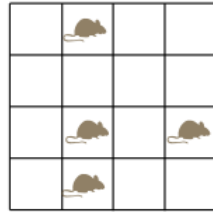
Four mice are in a box divided into 4×4 cells. One of them is asleep and not moving. Each time John whistles, the other three move to a cell that shares one side with the one they are currently in, but they do not immediately return to the cell they came from. The figure shows the first three movements. Which of the images can represent the result after the fourth whistle?



Initial Position



1st whistle



2nd whistle



3rd whistle

