

TREADING ON THE TATAMI

Below is an arrangement of **tatami** mats. Imagine you are walking from A to B along the edges of the mats. If you want to take the longest path, one idea is to start by following the longest possible straight line—along the top, say, as in the middle image; or down the side, as in the right-hand image.

But there is an even longer path than these two. Can you find it?

