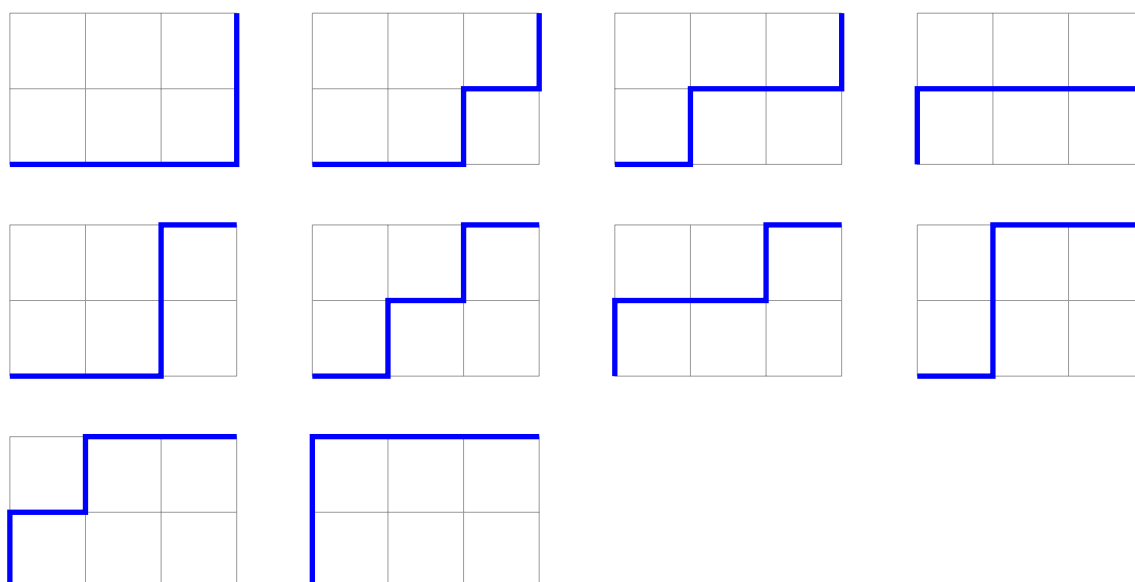
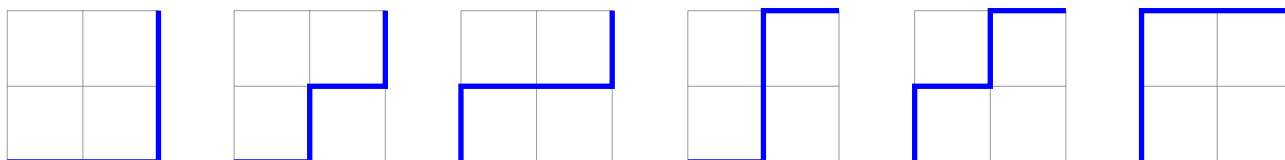


A (p, q) -shuffle is a shortest path through a $p \times q$ lattice (from one edge to the diagonally opposite one where steps are allowed horizontally and vertically).¹ The macro `\shuffle` draws all shuffles through a specified lattice, e. g. `\shuffle{2}{2}` and `\shuffle{2}{3}`:



¹<http://ncatlab.org/nlab/show/shuffle>

This page shows all shuffles through a 4×4 lattice:

