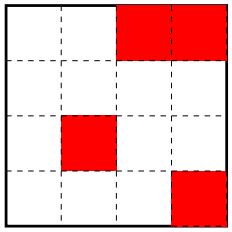
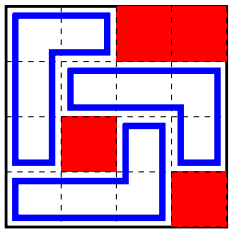
L-Panel

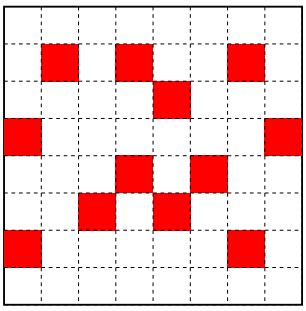
This is a new puzzle to be found in Alex Bellos' book "Puzzle Ninja". This book gives a number of delightful puzzles from the Japanese powerhouse, most of which are not in general circulation here, but have succeeded in Japan. This one is rather special as the grid contains no numbers, and Bellos remarks that it's rules are exceptionally succinct.

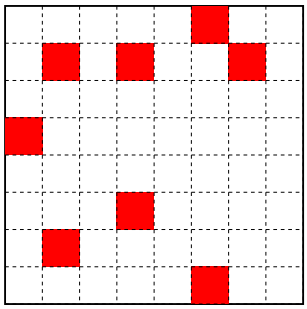


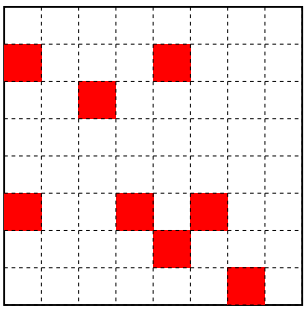


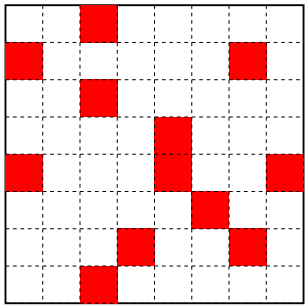
Draw along the dotted lines to make L-shaped tiles made up of four cells each. Here is an easy example.

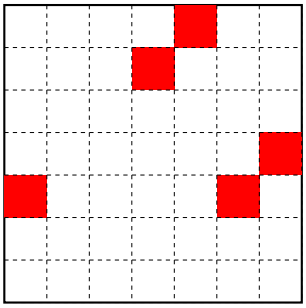
Here are some of the first puzzles I made.

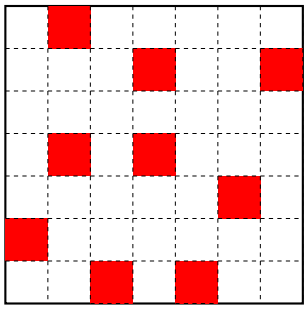


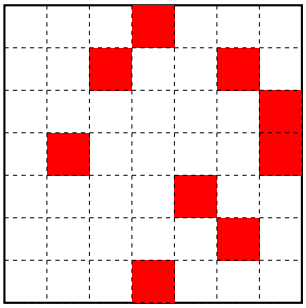


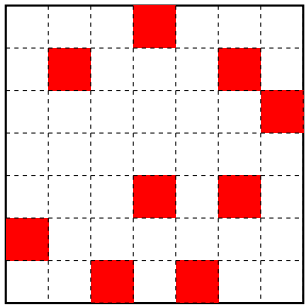


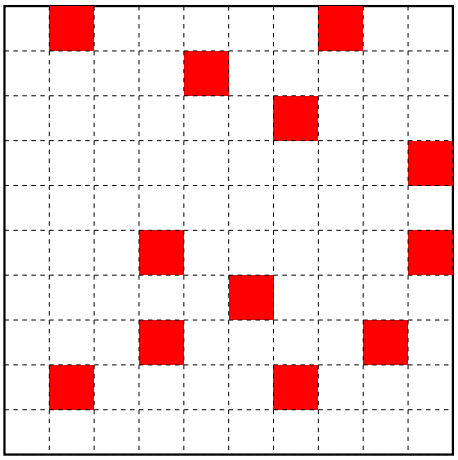


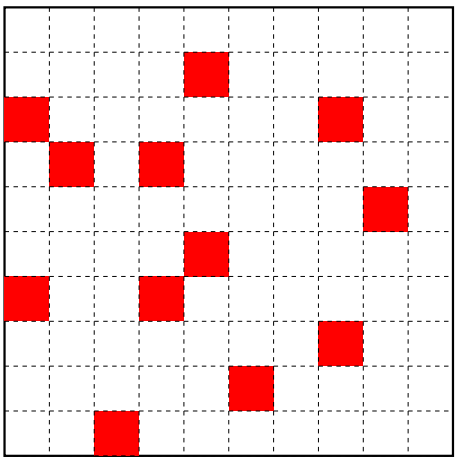


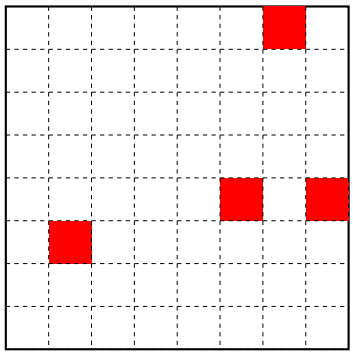






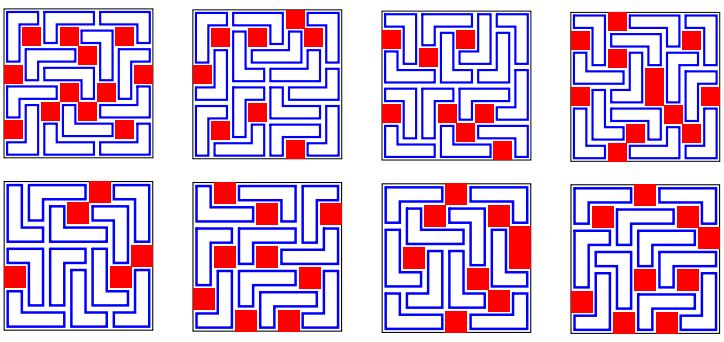


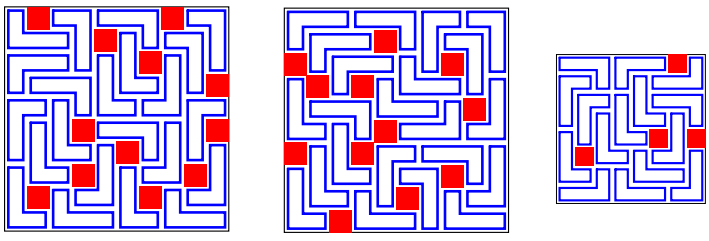


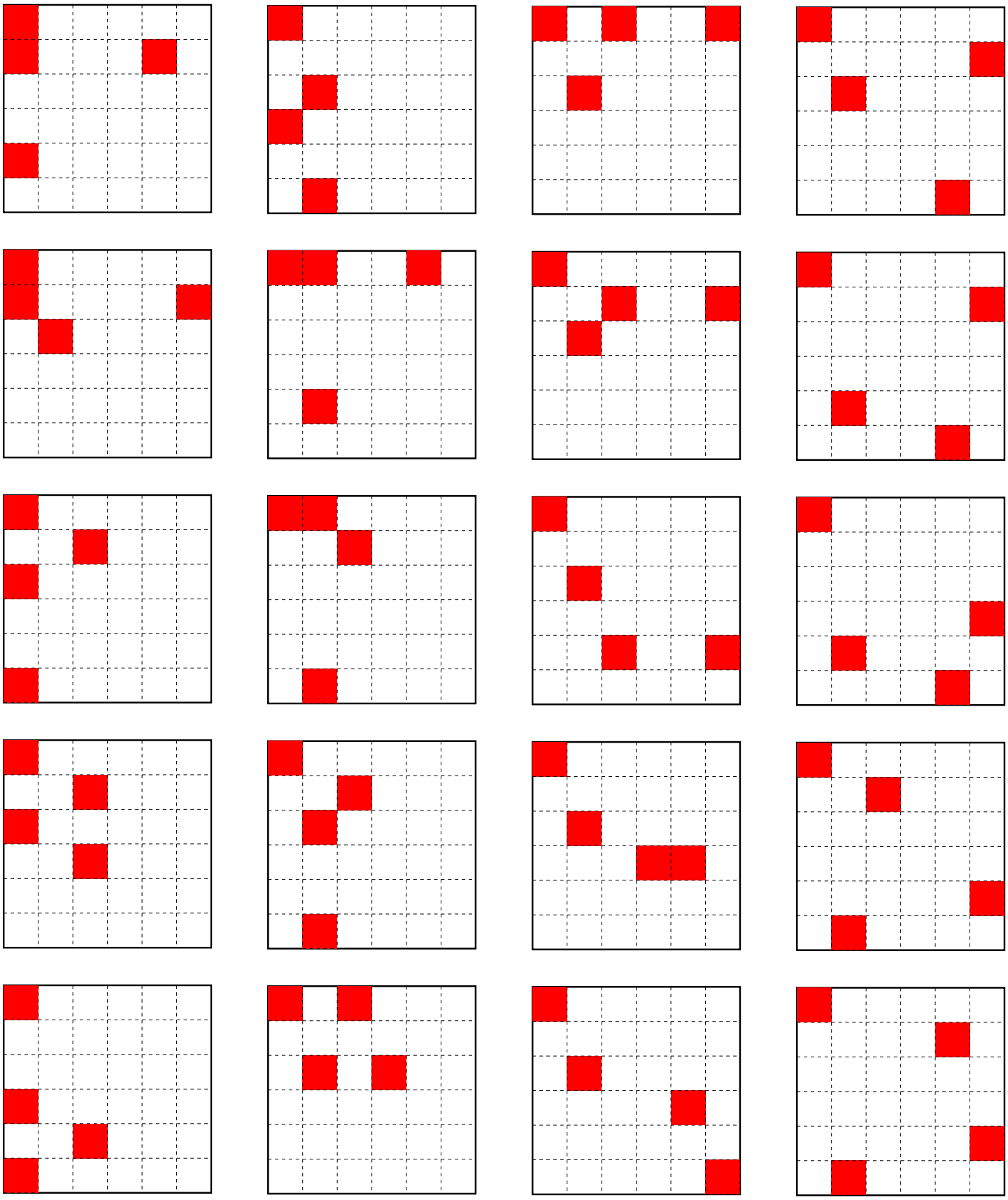


This one above is far too difficult, but is just one of six that can be made in this size with just 4 filled squares, and a unique solution.

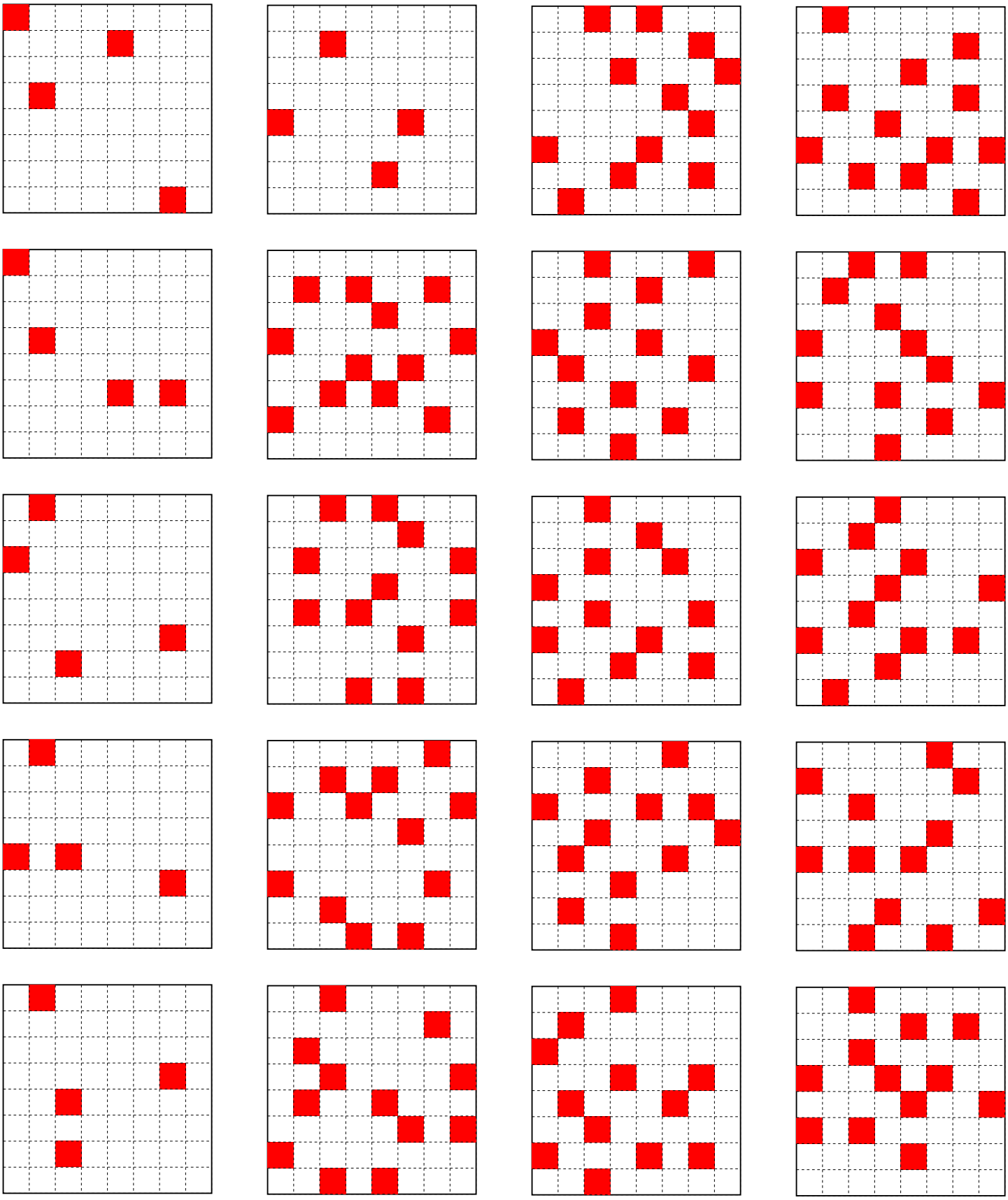
Why don't you try to make some new problems? To do this it is tempting to make a set of cardboard L-shapes and fit them onto an empty grid, but this turns out to be very frustrating! Here are answers to the problems above.



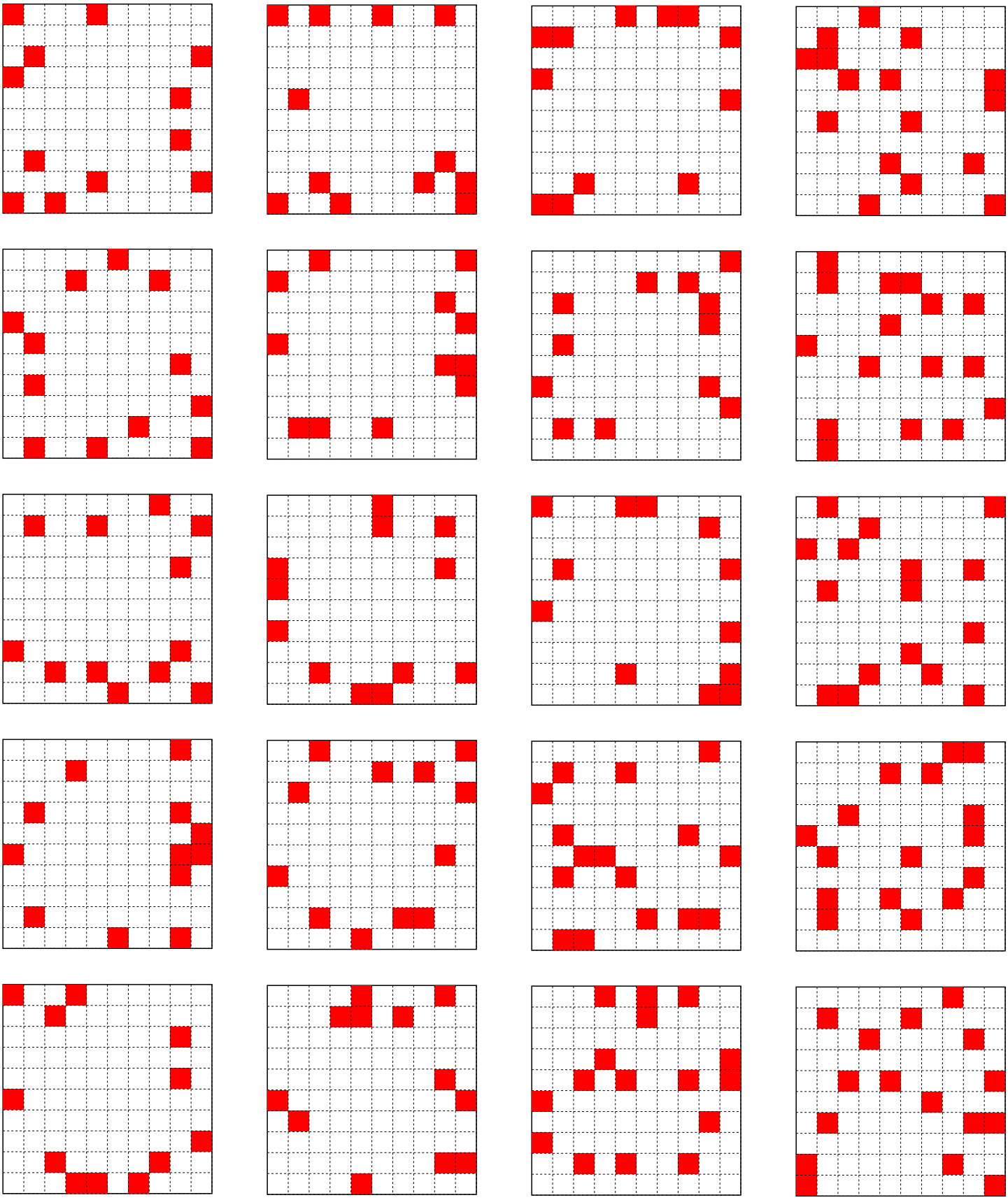




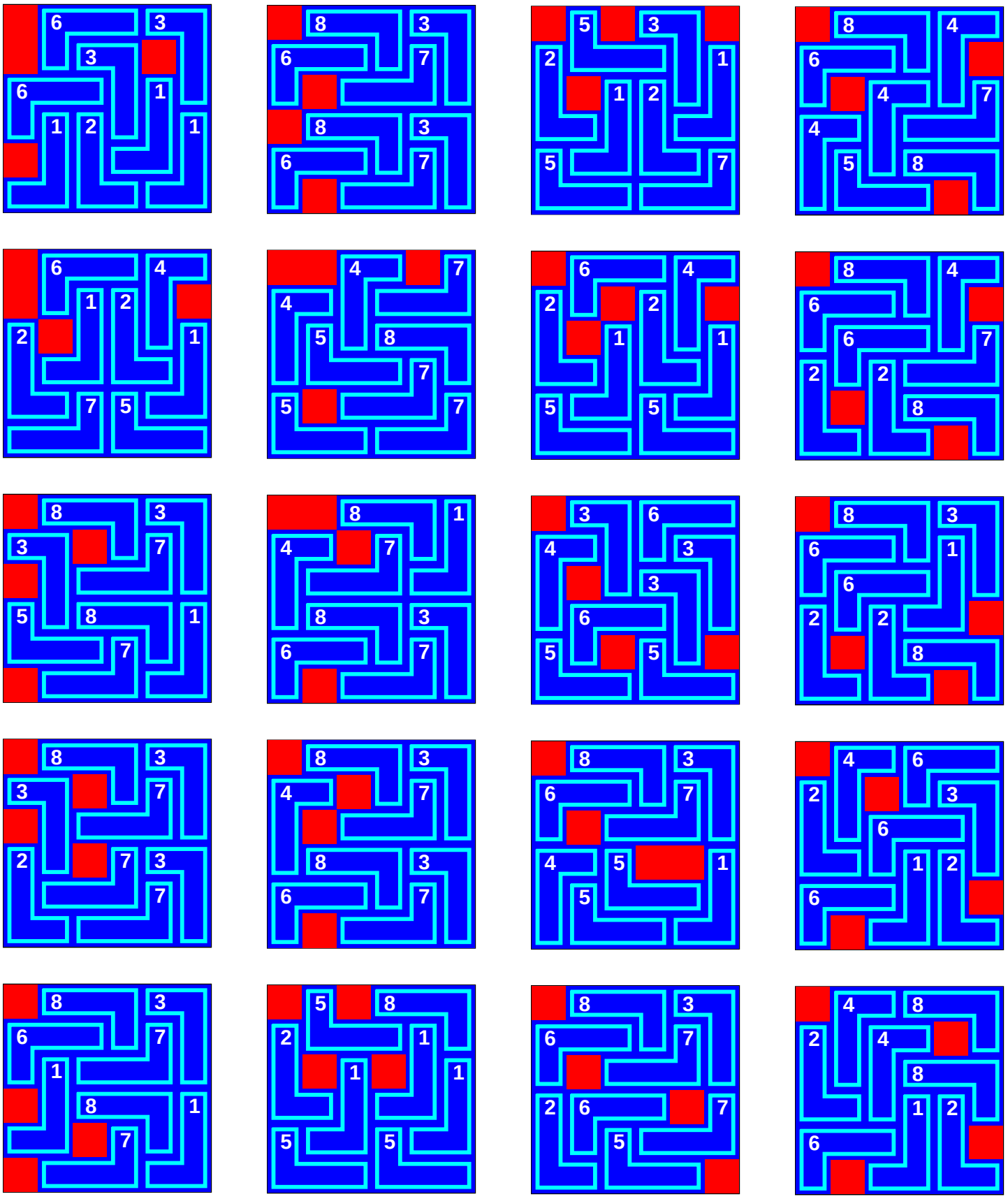
L-panel 6×6



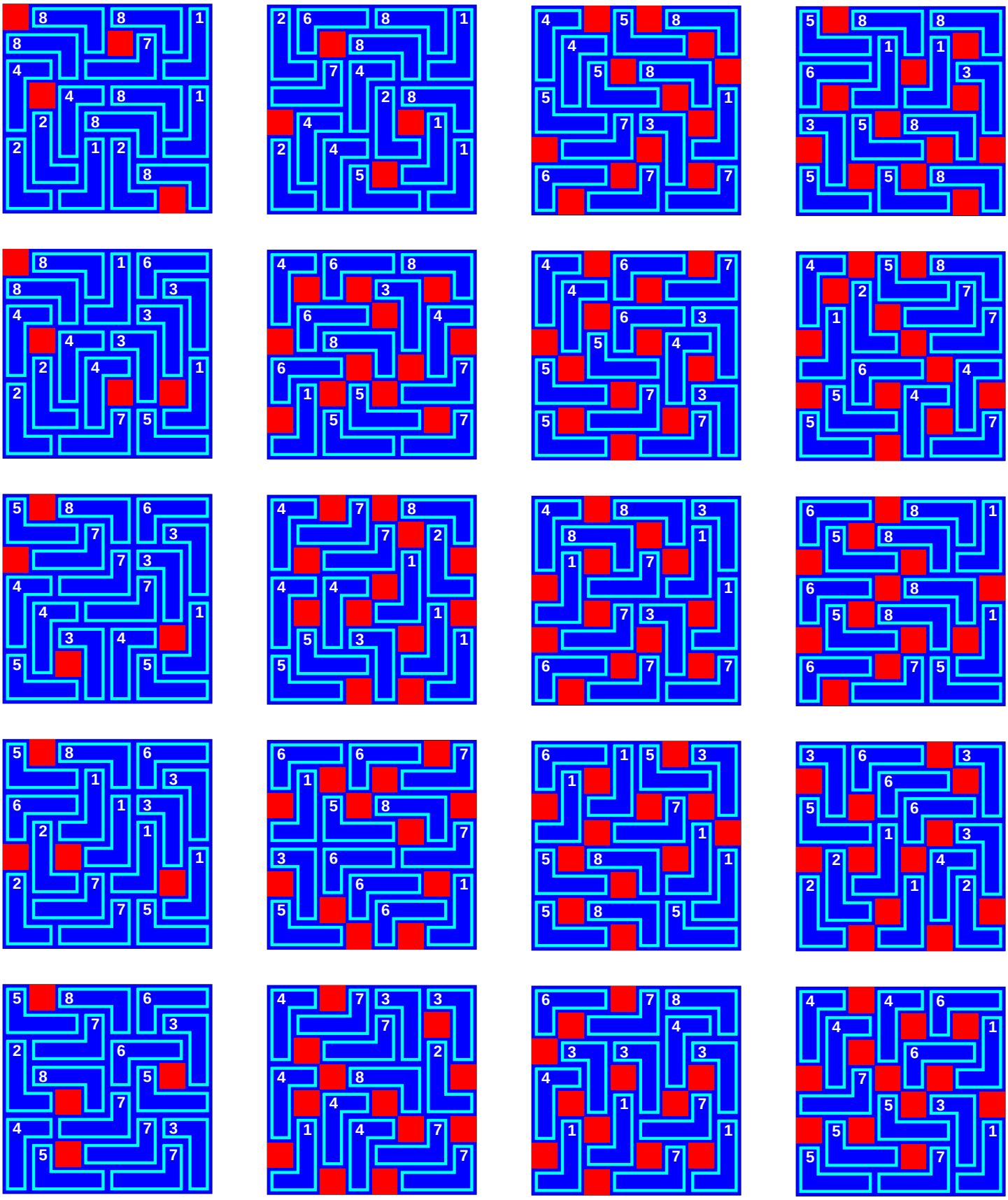
L-panel 8×8



L-panel 10×10



L-panel 6×6



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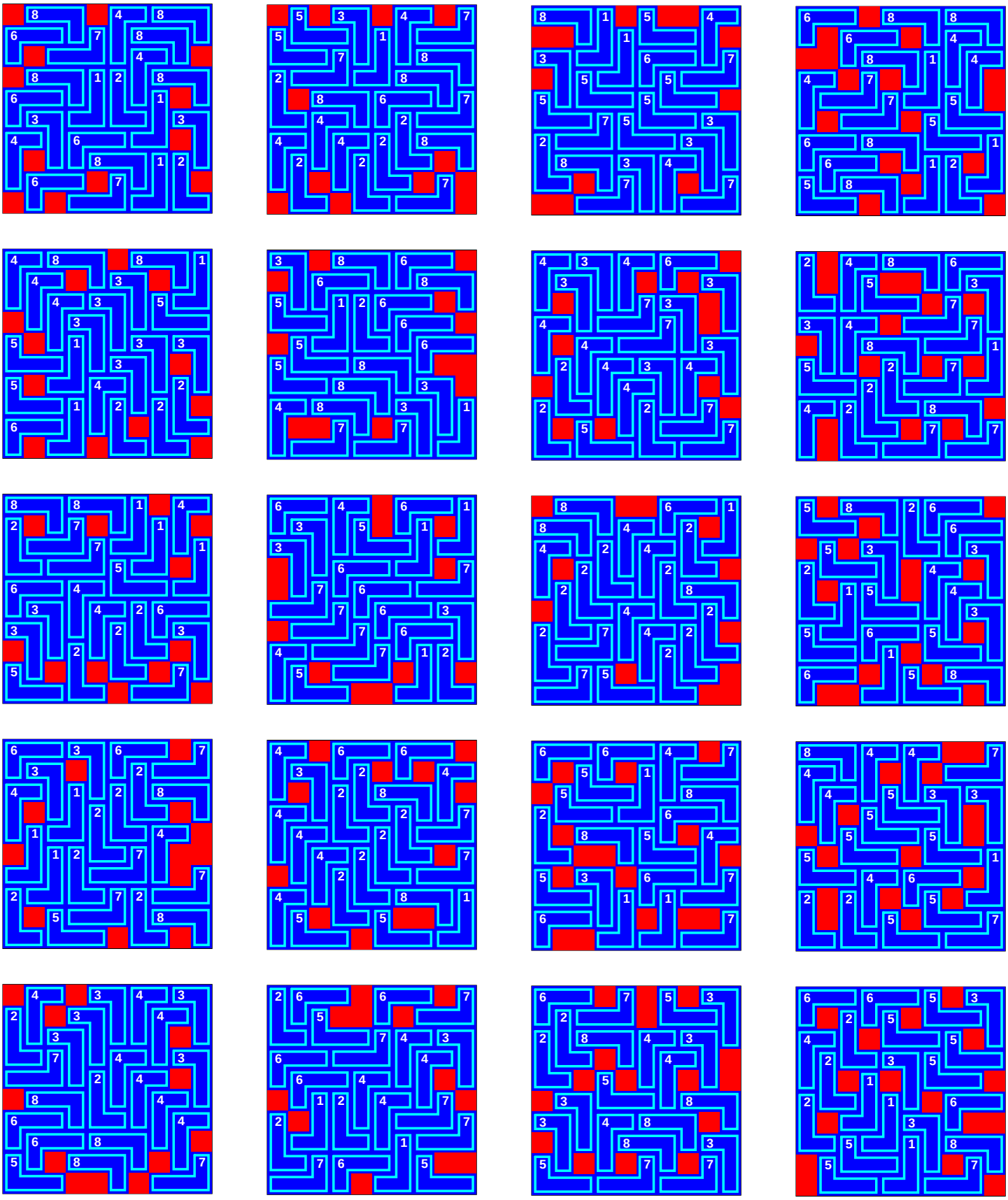

L-panel 10×10