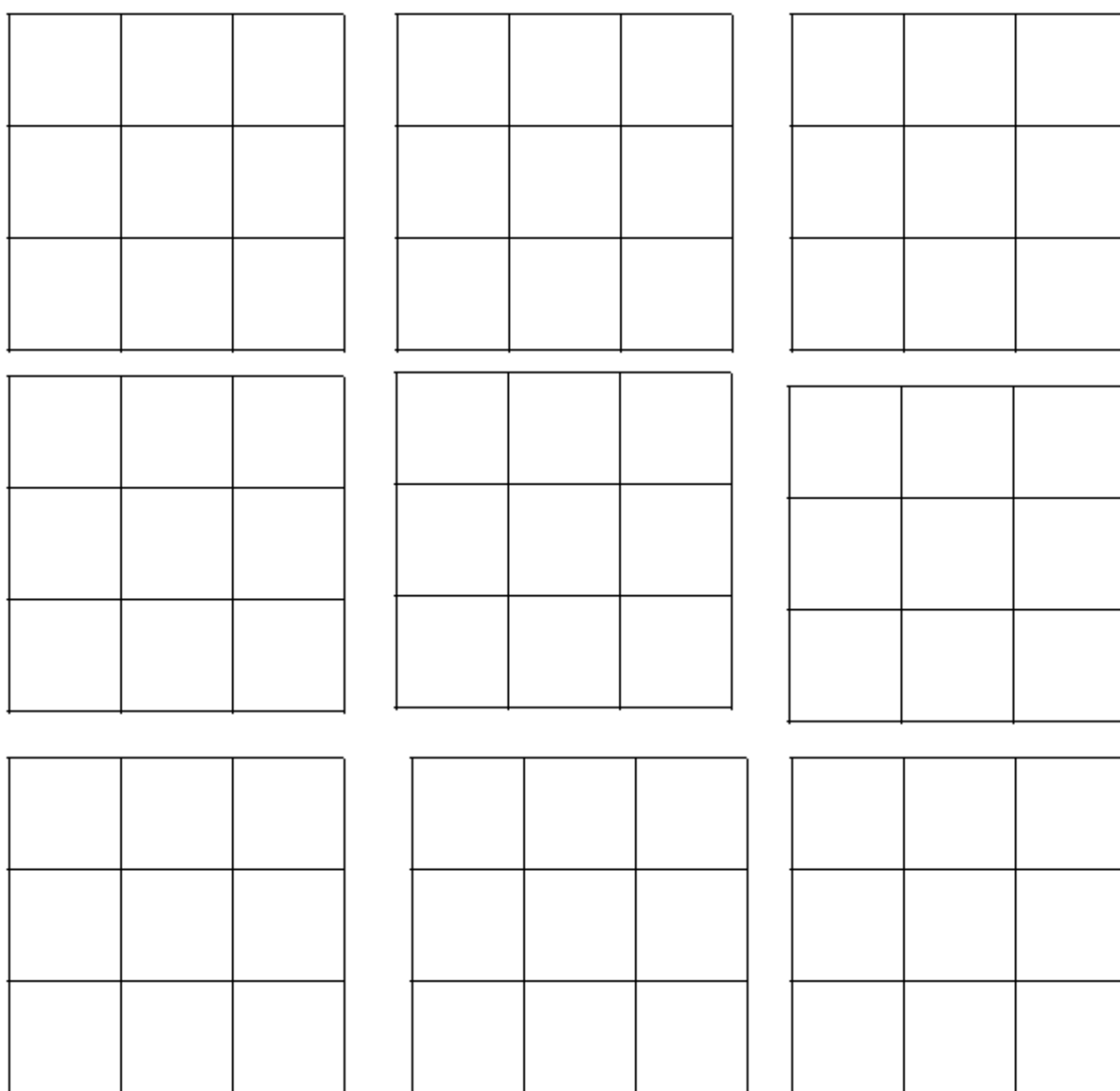# Symmetry Challenge

Systematically explore the range of symmetric designs that can be created by shading whole squares of the grid below.

You could use this sheet of blank grids to record your results, or simply squared paper. How many can you find? There are 63 solutions in total.

Here is the solution.

https://nrich.maths.org/1886/solution