



The image shows a 3x3 grid of 9 4x4 mini-grids. Each mini-grid contains a 4x4 grid of squares. Some squares contain numbers (1-9), some contain grey circles, and some are connected by lines. The puzzle is to determine the number in the bottom-right square of each mini-grid.

The mini-grids are arranged as follows:

- Top-left:** Circle at (1,1), line from (1,1) to (1,2), line from (1,2) to (2,2), line from (2,2) to (2,3), line from (2,3) to (3,3), line from (3,3) to (3,4), line from (3,4) to (4,4).
- Top-middle:** Circle at (1,3), line from (1,3) to (1,4), line from (1,4) to (2,4), line from (2,4) to (2,3), line from (2,3) to (3,3), line from (3,3) to (3,4), line from (3,4) to (4,4).
- Top-right:** Circle at (1,2), line from (1,2) to (1,3), line from (1,3) to (2,3), line from (2,3) to (2,4), line from (2,4) to (3,4), line from (3,4) to (3,3), line from (3,3) to (4,3), line from (4,3) to (4,4).
- Middle-left:** Circle at (1,1), line from (1,1) to (1,2), line from (1,2) to (2,2), line from (2,2) to (2,3), line from (2,3) to (3,3), line from (3,3) to (3,4), line from (3,4) to (4,4).
- Middle-middle:** Circle at (1,3), line from (1,3) to (1,4), line from (1,4) to (2,4), line from (2,4) to (2,3), line from (2,3) to (3,3), line from (3,3) to (3,4), line from (3,4) to (4,4).
- Middle-right:** Circle at (1,2), line from (1,2) to (1,3), line from (1,3) to (2,3), line from (2,3) to (2,4), line from (2,4) to (3,4), line from (3,4) to (3,3), line from (3,3) to (4,3), line from (4,3) to (4,4).
- Bottom-left:** Circle at (1,1), line from (1,1) to (1,2), line from (1,2) to (2,2), line from (2,2) to (2,3), line from (2,3) to (3,3), line from (3,3) to (3,4), line from (3,4) to (4,4).
- Bottom-middle:** Circle at (1,3), line from (1,3) to (1,4), line from (1,4) to (2,4), line from (2,4) to (2,3), line from (2,3) to (3,3), line from (3,3) to (3,4), line from (3,4) to (4,4).
- Bottom-right:** Circle at (1,2), line from (1,2) to (1,3), line from (1,3) to (2,3), line from (2,3) to (2,4), line from (2,4) to (3,4), line from (3,4) to (3,3), line from (3,3) to (4,3), line from (4,3) to (4,4).