



The image shows a 3x3 grid of 9 4x4 mini-grids. Each mini-grid contains a 4x4 grid of squares. Circles are placed in some squares, and arrows indicate movement directions. The circles are numbered 1 through 8. The puzzle is to determine the final position of each numbered circle.

The mini-grids are as follows:

- Top-left:** Circle 4 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Top-middle:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Top-right:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Middle-left:** Circle 7 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Middle-middle:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Middle-right:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Bottom-left:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Bottom-middle:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).
- Bottom-right:** Circle 1 at (1,3), Circle 2 at (2,3). Arrows: (1,1) to (2,2), (2,1) to (1,2), (3,1) to (2,2), (3,2) to (2,3).