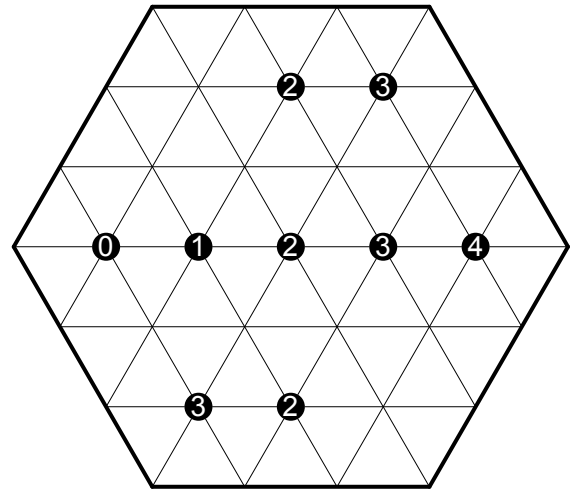
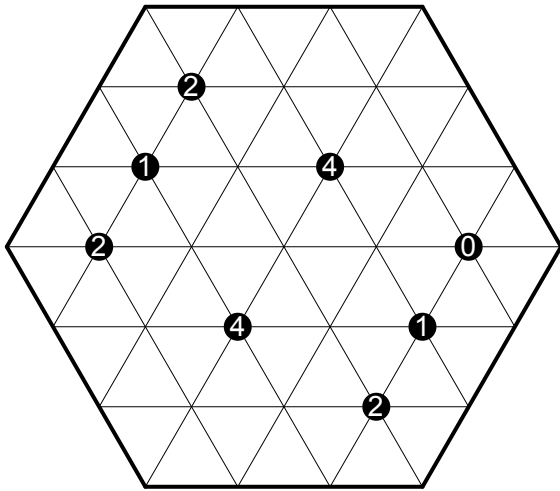
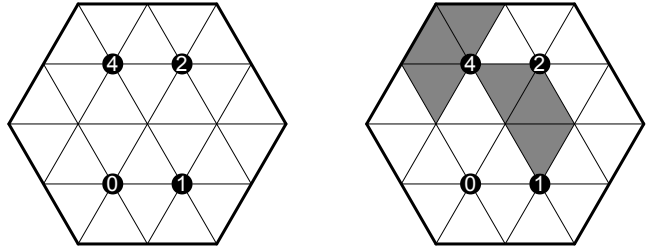


TRAPEZOIDS COMPOUND

PUZZLES.PARAMESIS.COM

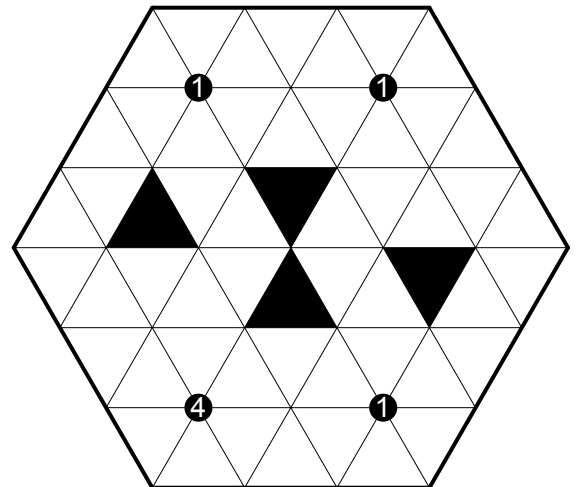
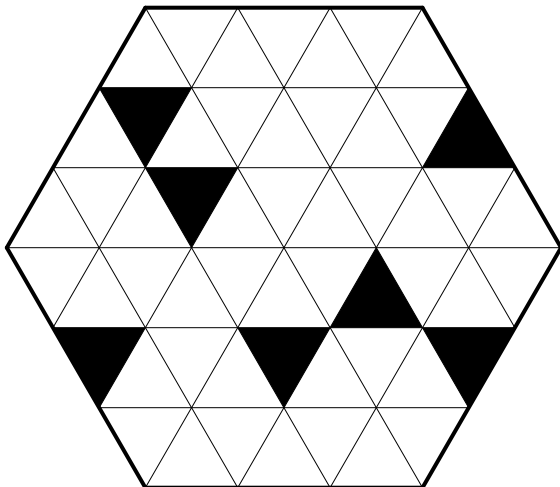
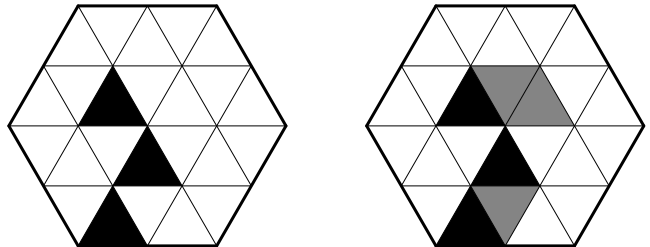
BASE RULES

Shade some cells such that numbers indicate exactly how many surrounding cells are shaded. Shaded cells must be in edge-connected clusters of 3, forming trapezoids. A trapezoid may not share an edge with another trapezoid. All remaining unshaded cells are connected edge-to-edge.



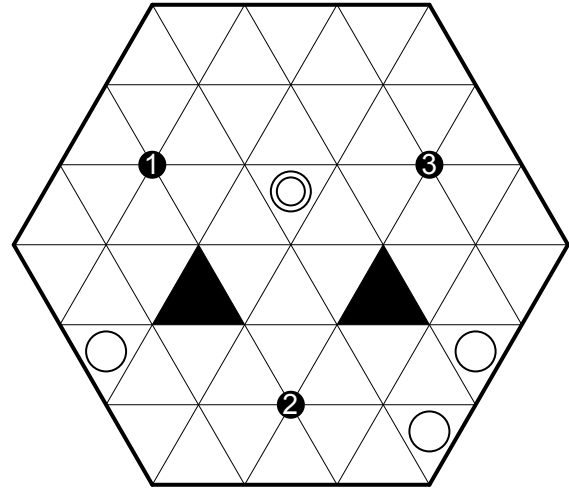
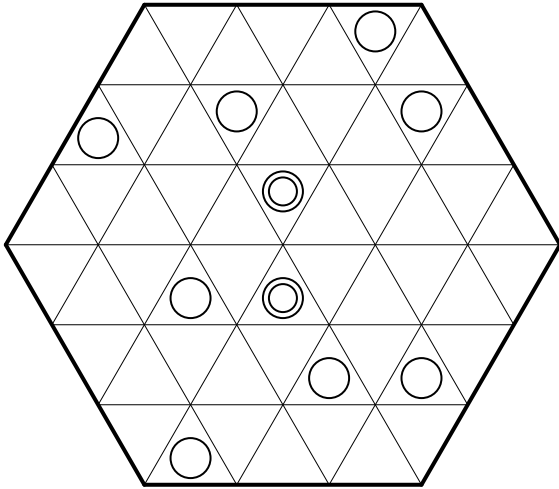
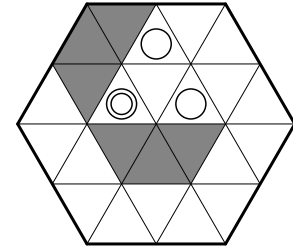
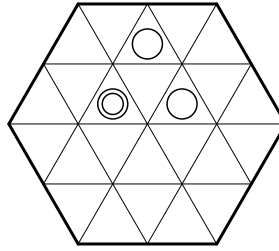
SIMPLE GIVENS

Some shaded cells are given.



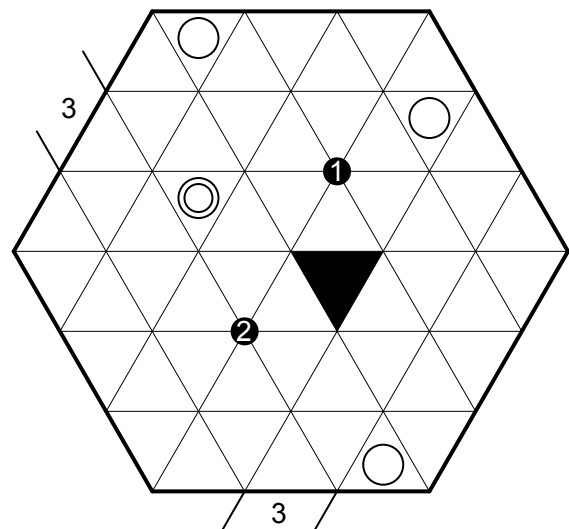
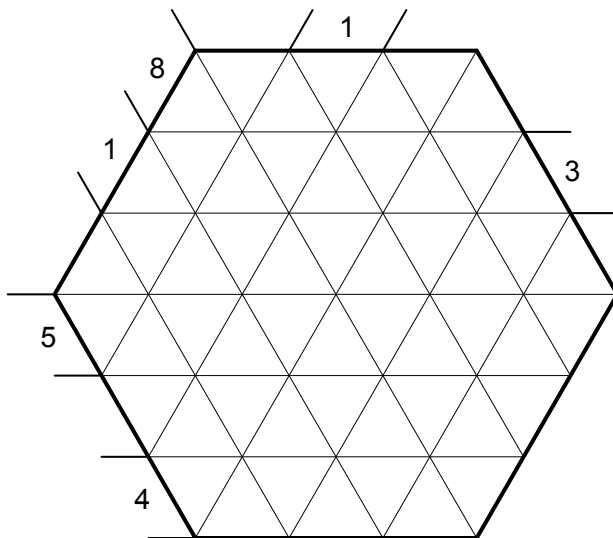
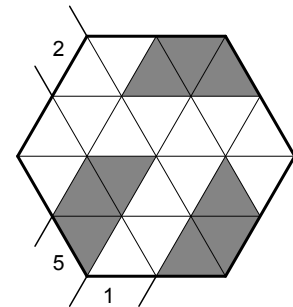
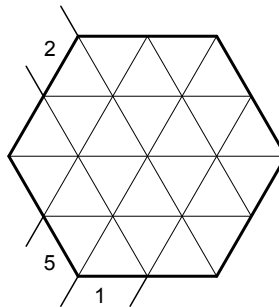
UNSHADED GIVENS

Cells with single or double circles must be unshaded, and thus must be connected to the remaining unshaded cells. Cells with a single circle must be touching exactly one shaded cell. Cells with a double circle must be touching exactly two shaded cells.



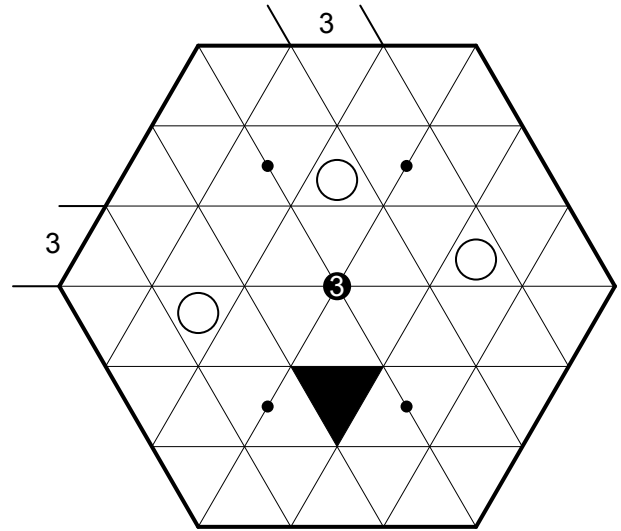
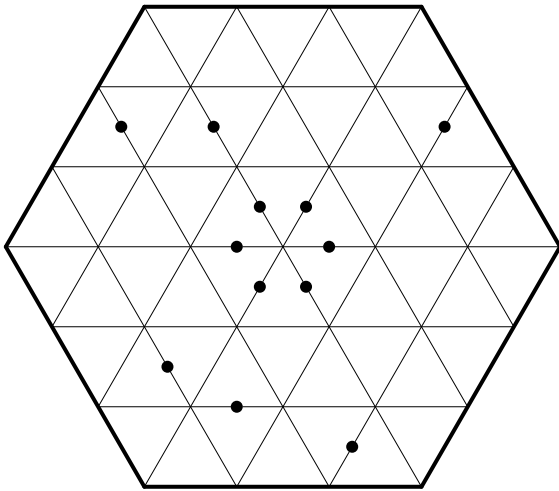
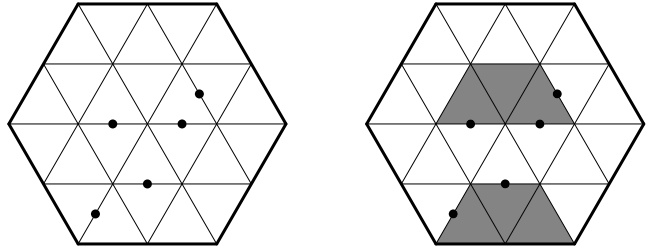
ROW COUNTS

Numbers on the outside edge of the grid indicate the total number of shaded cells in the indicated row. Only shaded cells, including givens, are counted.



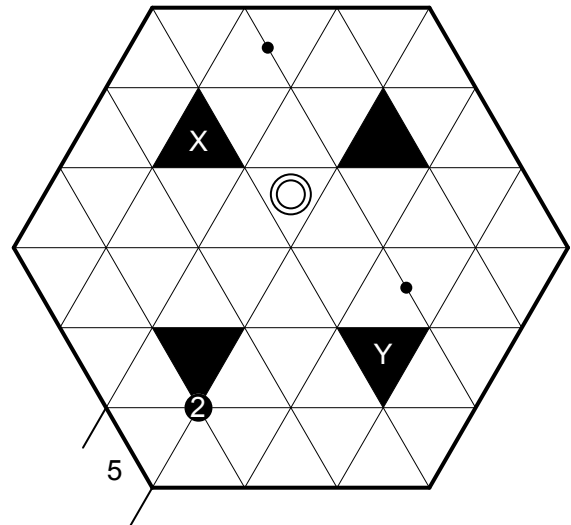
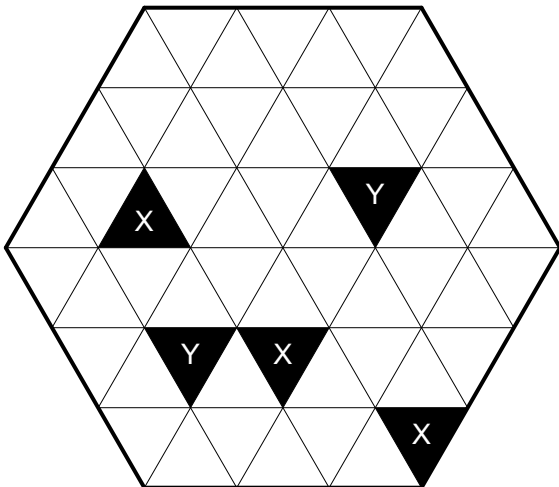
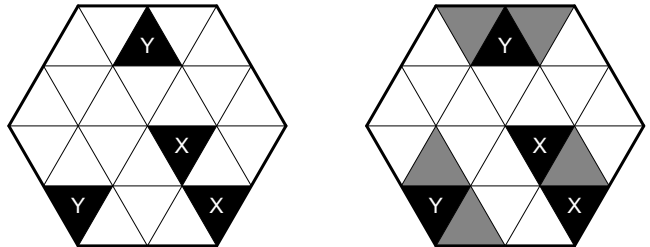
XOR DOTS

Dots on the border between two cells indicate that one cell is shaded and the other is not.



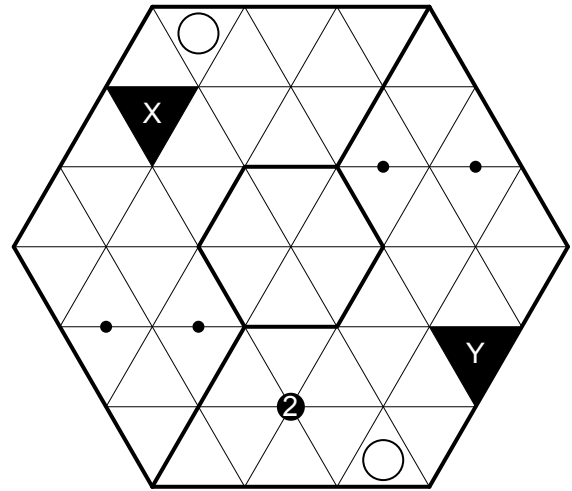
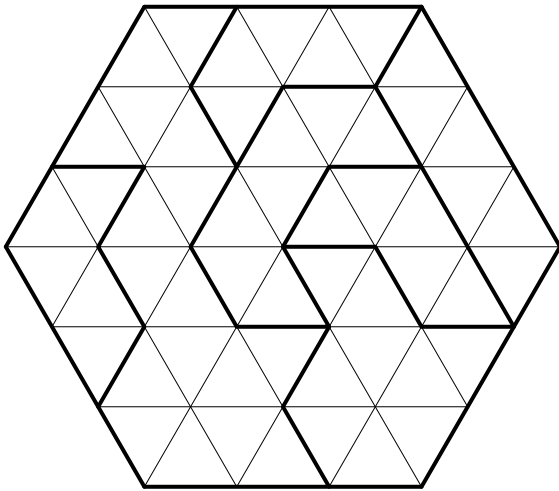
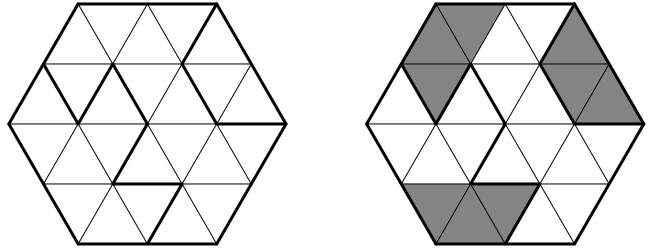
XY GIVENS

Some shaded cells are given, marked with an X or Y. **EITHER** all of the cells with an X have one neighboring shaded cell and all of the cells with a Y have two neighboring shaded cells **OR** all of the cells with an X have two neighboring shaded cells and all of the cells with a Y have one neighboring shaded cell.



INTERIOR BORDERS

Trapezoids cannot cross interior borders. The interior borders create regions, each of which must have at least one shaded cell. Interior borders do not block unshaded cells from connecting.



OBSTRUCTIONS

Large black dots inside of a cell represent obstructions, which block unshaded cells from being connected. Additionally, obstructions cannot "see" each other; in any row of cells in which there is more than one obstruction, at least one of the cells between them must be shaded. Just like in row counts, a row of cells is either 0° (horizontal), 60° or 120° . Obstructions must be connected to the mass of unshaded cells. Obstructions are not counted in row counts.

