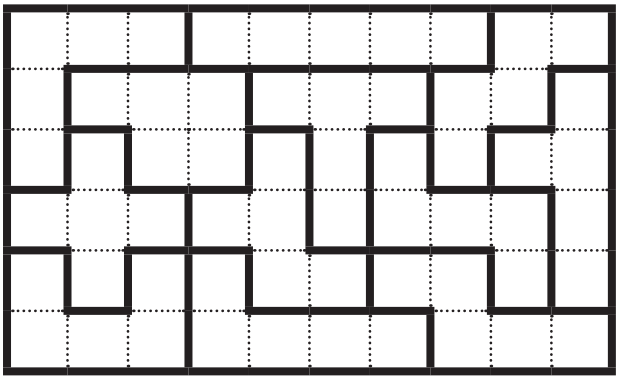
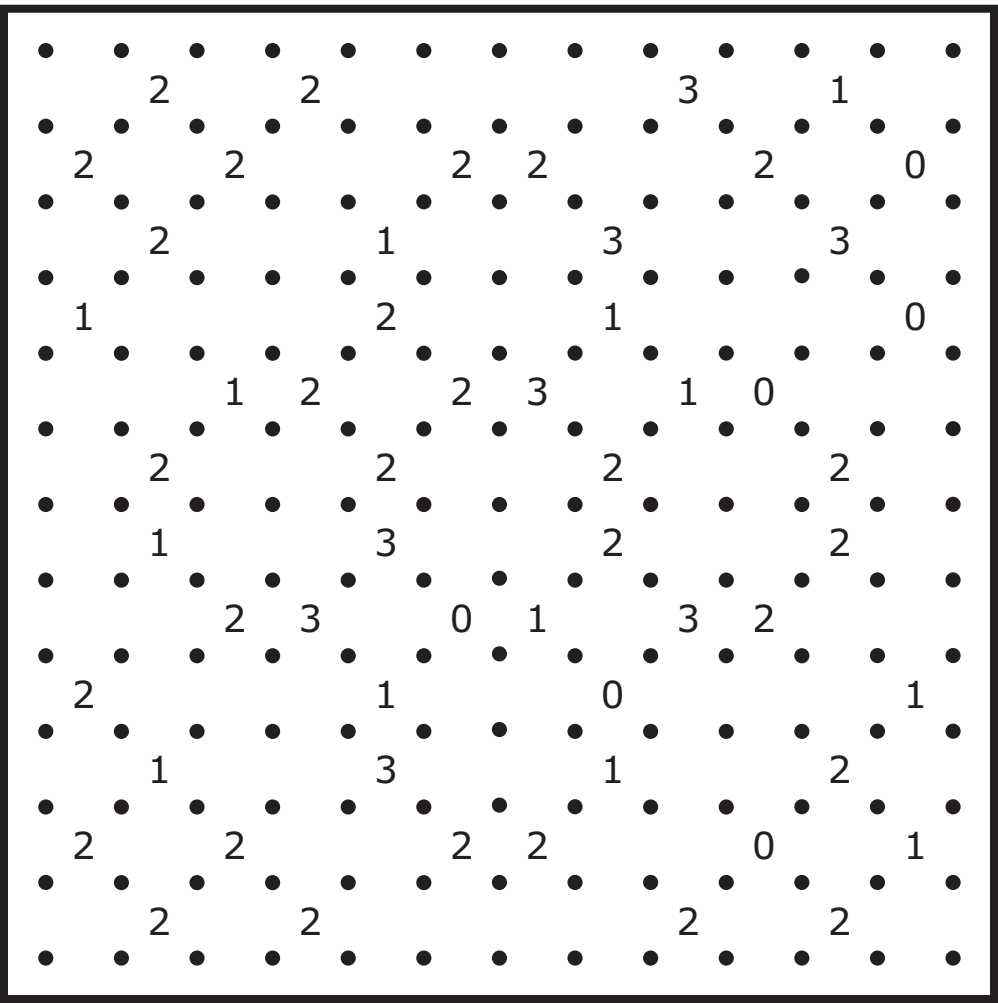
MINI PENTOMINO LOOPS

Draw twelve loops that only consist of horizontal and vertical segments between the dots. The loops may not touch each other or intersect themselves, and they must be in the shapes of twelve different pentominoes. Each pentomino shape is used exactly once, but can be rotated or reflected. A number inside a cell indicates how many of the edges of that cell are part of any loop (that is, part of an edge of a pentomino).