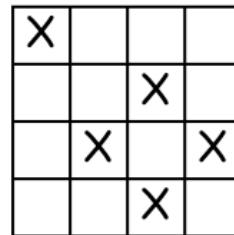
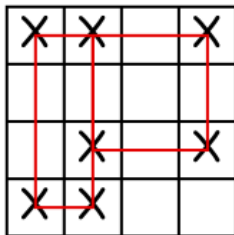


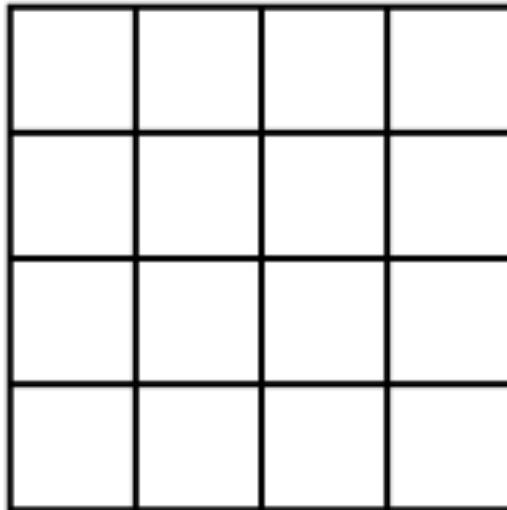
# Puzzle of the Week

## *Avoiding Rectangles – 2*

The X's in a grid can become the corners of rectangles with horizontal and vertical sides. The X's in this first grid form two rectangles. However, the goal is to avoid creating rectangles. The X's in the second grid are placed to avoid forming any rectangles.



**THE CHALLENGE:** Place as many X's as you can in this 4 by 4 grid and avoid creating any rectangles.



**EXPLORATION:** What is the most you can have for other sizes of grids? Do you see any patterns in your answers?