

GERRYMANDERING... STACKED

There are 260 boxes and 240 circles. The boxes represent voters for one particular political party and the circles represent voters from an opposing political party.

Mission: Create two districts with 250 boxes and circles. The goal is to have as many circles as possible in one of the two districts.

Each district must connect in one of the following ways:

A 20x20 grid of 400 boxes and circles. The boxes and circles are arranged in a pattern that allows for two possible paths to separate the grid into two districts of 250 boxes and 240 circles. The path starts at the top-left corner and ends at the bottom-right corner, following the perimeter and some internal connections. The path is defined by the following sequence of moves: (0,0) to (19,0), (19,0) to (19,19), (19,19) to (0,19), (0,19) to (0,0). This path separates the grid into two regions: a region containing 250 boxes and 240 circles, and a region containing 250 boxes and 240 circles.