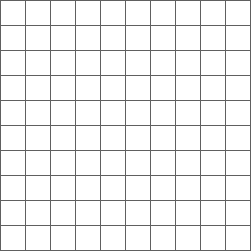
Names Period

Create your District:

1. Flip a coin to determine each square’s orientation
   1. Heads is ‘X’

Total X: \_\_\_\_

Total O: \_\_\_\_

* 1. Tails is ‘O’
  2. Copy the distribution onto the other blank charts (same distribution)

1. Divide your chart into 4 equal districts
   1. Must be continuous (no diagonals, must connect)
   2. Each must have 15-17 squares
2. For each set below, follow the directions and note how many districts the ‘X’ would win and how many the ‘O’ would win

Redistricting

|  |  |
| --- | --- |
| Set 1: Create 4 districts that are equal in size and have a similar shape,  http://sme.clc.uc.edu/graphics/graphpaper/g03.gif  X seats:  \_\_\_\_\_\_\_\_  O seats:  \_\_\_\_\_\_\_\_  Tied seats:  ­\_\_\_\_\_\_\_\_ | http://sme.clc.uc.edu/graphics/graphpaper/g03.gifSet 2: Create 4 districts where each has an equal ratio of ‘X’ and ‘O’. (divide # of X and O by 4 to start)  X seats:  \_\_\_\_\_\_\_\_  O seats:  \_\_\_\_\_\_\_\_  Tied seats:  ­­­­­­\_\_\_\_\_\_\_ |
| Set 3: Create 4 districts that maximizes the number of districts ‘X’ can win.  http://sme.clc.uc.edu/graphics/graphpaper/g03.gif  X seats:  \_\_\_\_\_\_\_\_  O seats:  \_\_\_\_\_\_\_\_  Tied seats:  \_\_\_\_\_\_\_ | Set 4: Create 4 districts that maximizes the number of districts ‘O’ can win.  http://sme.clc.uc.edu/graphics/graphpaper/g03.gif  X seats:  \_\_\_\_\_\_\_\_  O seats:  \_\_\_\_\_\_\_\_  Tied seats:  \_\_\_\_\_\_\_\_ |