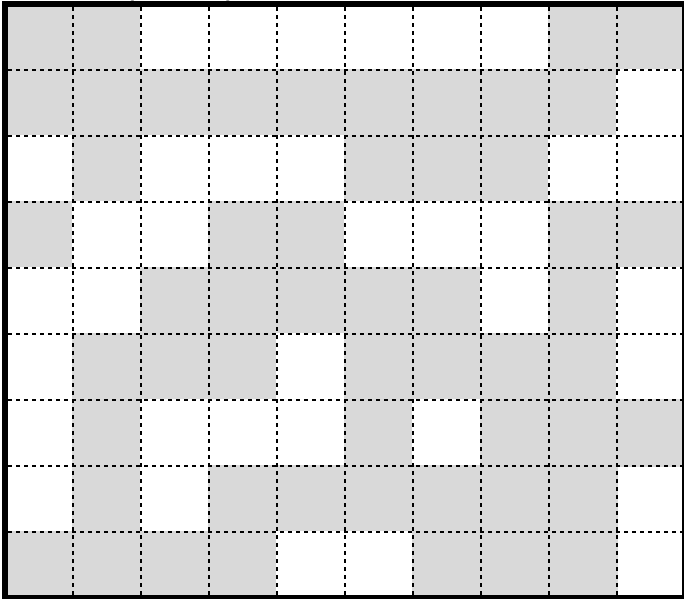


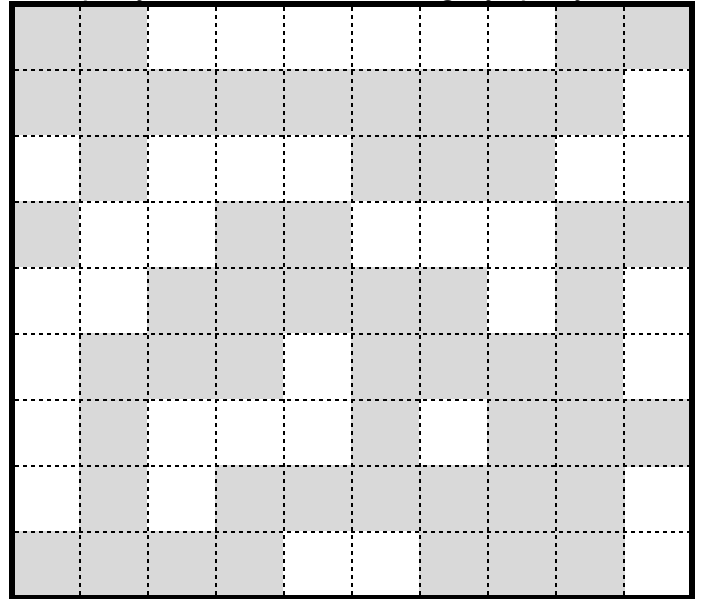
Gerrymandering in Squaretopia

Squaretopia consists of 90 blocks: 36 vote for the "white" party and 54 vote for the "gray" party.



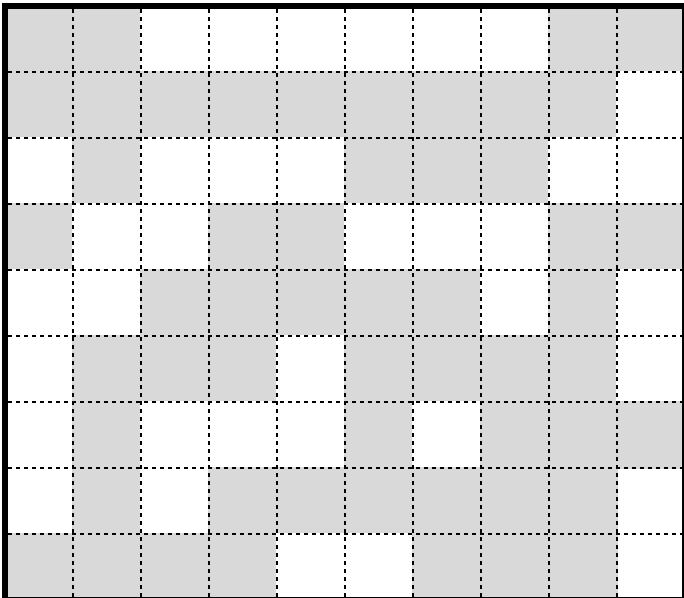
Challenge #1: Compactness.

Divide Squaretopia into 10 equal districts that are as "compact" as possible. How many districts does Gray win?



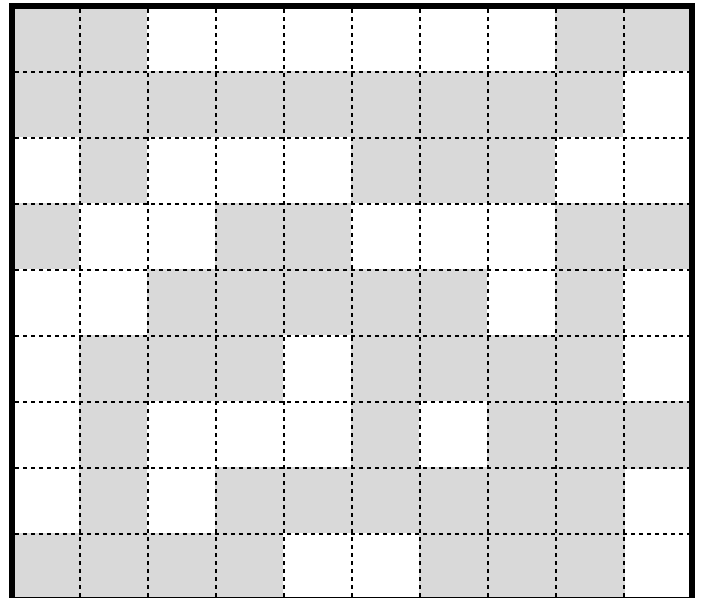
Challenge #2: Proportionality

Divide Squaretopia into 10 equal districts so that Gray's seat share is proportional to its overall vote share. Try to keep your districts as "compact" as you can.



Challenge #3: Gerrymander for Gray

Divide Squaretopia into 10 equal districts so that Gray wins as **many** districts as possible. Try to keep your districts as compact as you can. How many districts does Gray win?



Challenge #3: Gerrymander for White

Divide Squaretopia into 10 equal districts so that Gray wins as **few** districts as possible. Try to keep your districts as compact as you can. How many districts does Gray win?