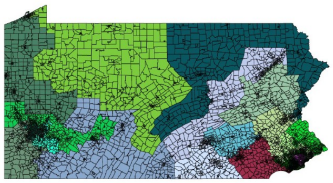
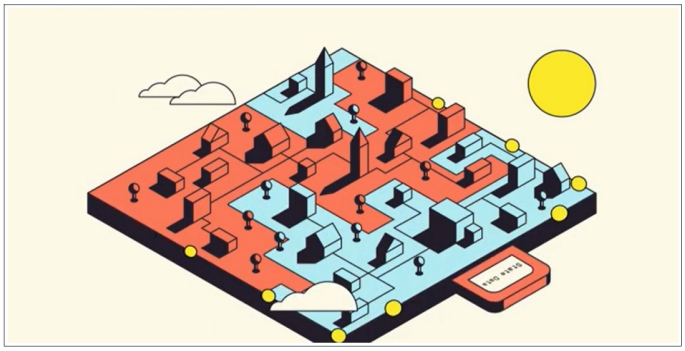
How Math Can Save Democracy

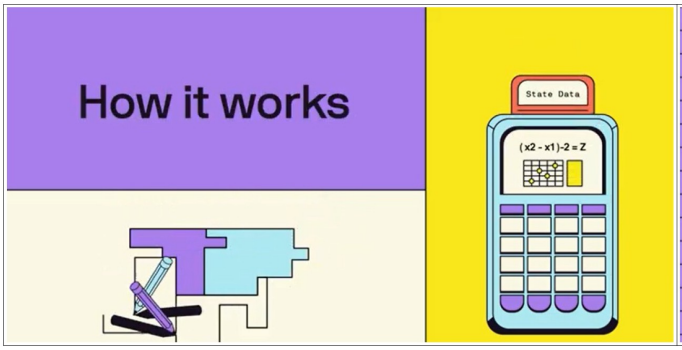
Can Math Solve the  Gerrymandering Problem?

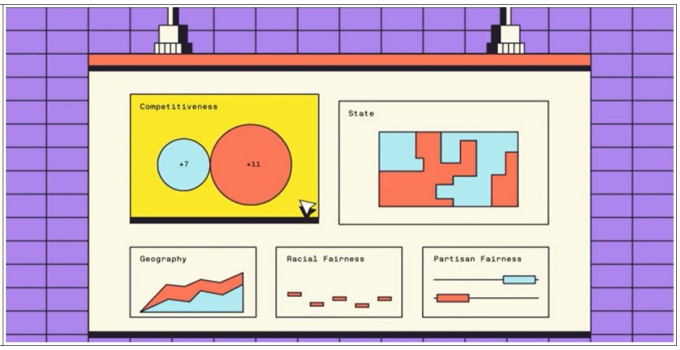
What is Gerrymandering?



Gerrymandering is the process of drawing voting districts unfairly in favor of one's political party.

Which parameters and data can a mathematician look at to check it?





Population equity; Compactness and contiguity; Votes; Traditional districting principles (respecting communities)

Explain in one sentence the use of each equation.