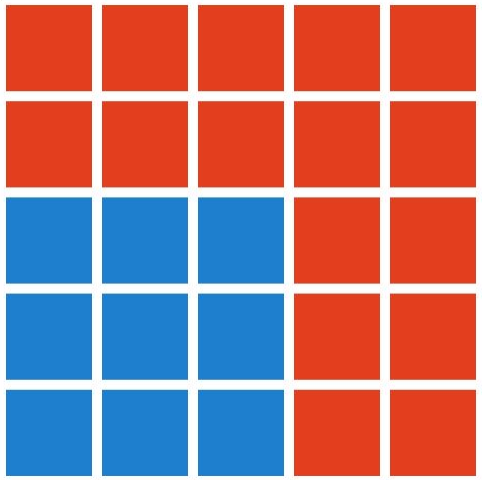
CENTER FOR SCIENCE & MATH EDUCATION

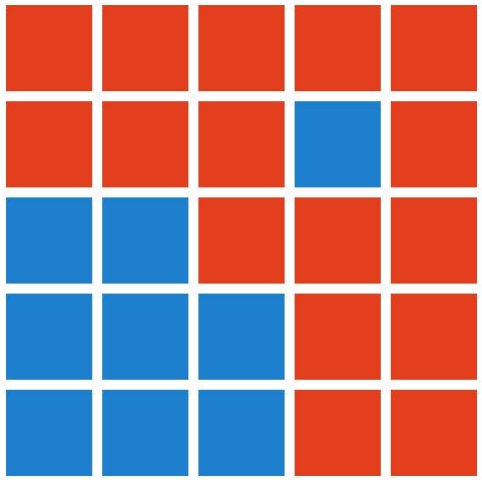
Challenges

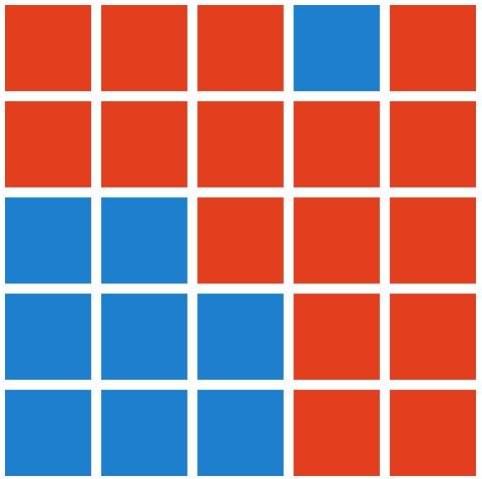
San Francisco Math Circle

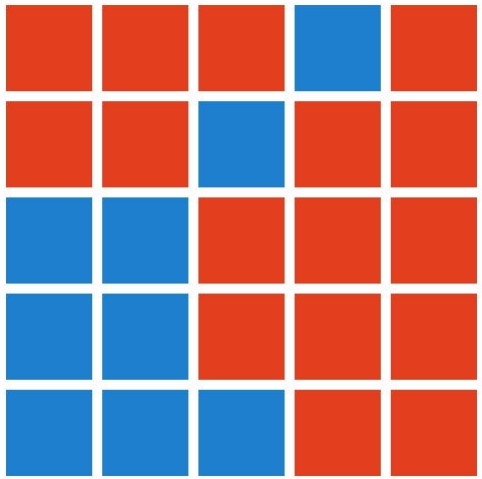
SAN FRANCISCO STATE UNIVERSITY

For each 5 x 5 grid, can you divide the grid into 5 regions with 5 squares each so Blue wins more regions than Red?









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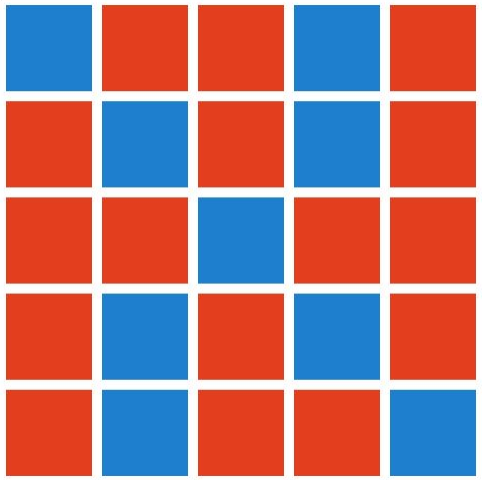
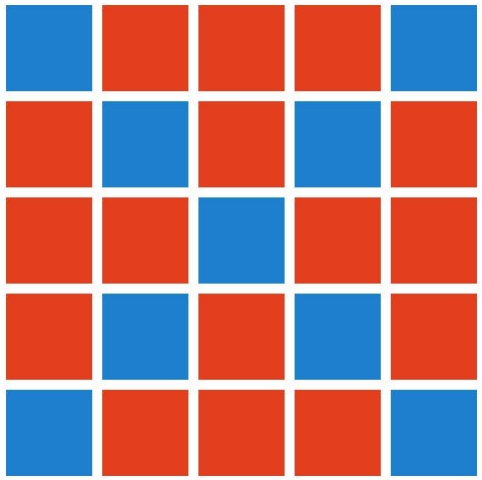
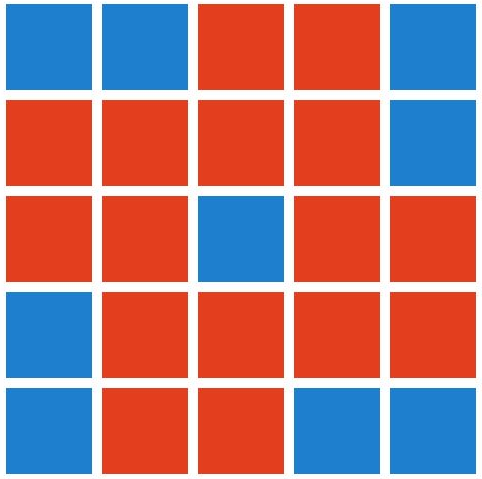
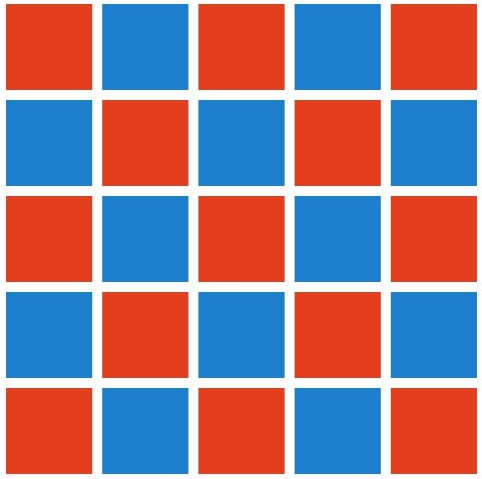


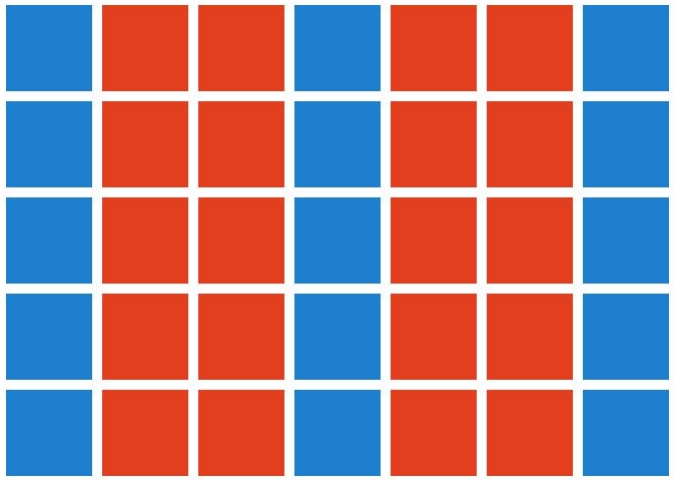


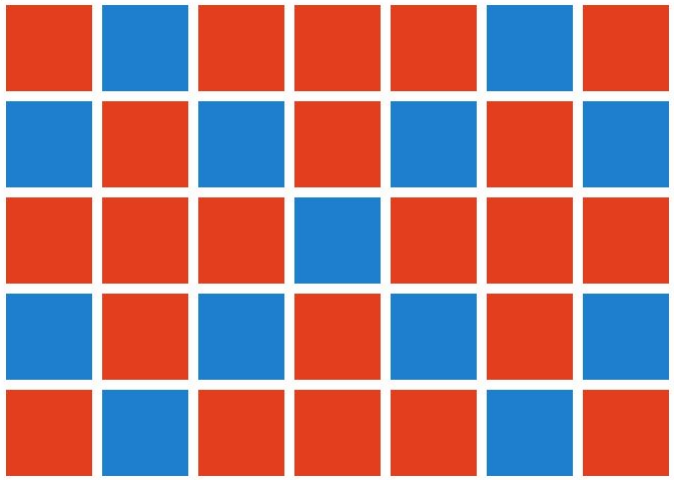


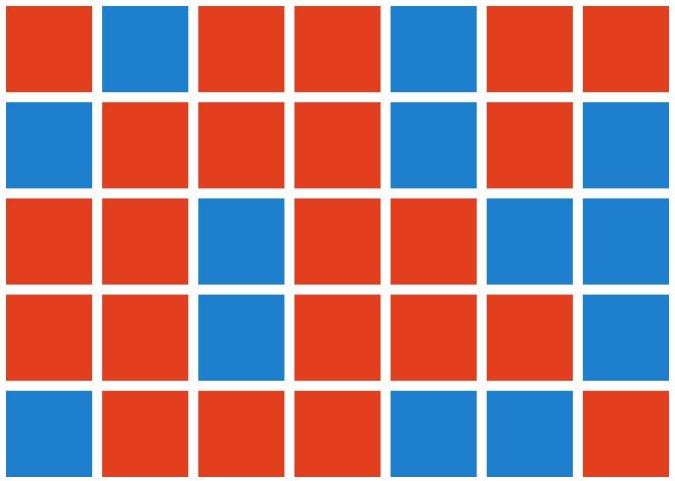


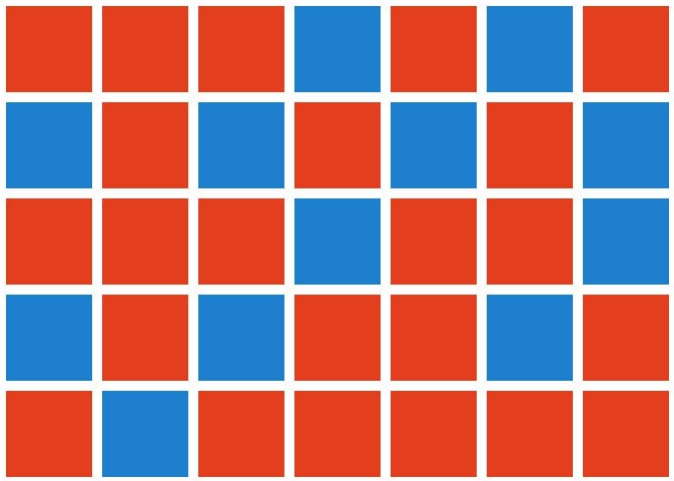
Challenges

For each **5 x 7** grid, can you divide the grid into **5 regions** with **7 squares each** so Blue wins more regions than Red?









Challenges

For each **5 x 7** grid, can you divide the grid into **7 regions** with **5 squares each** so Blue wins more regions than Red?