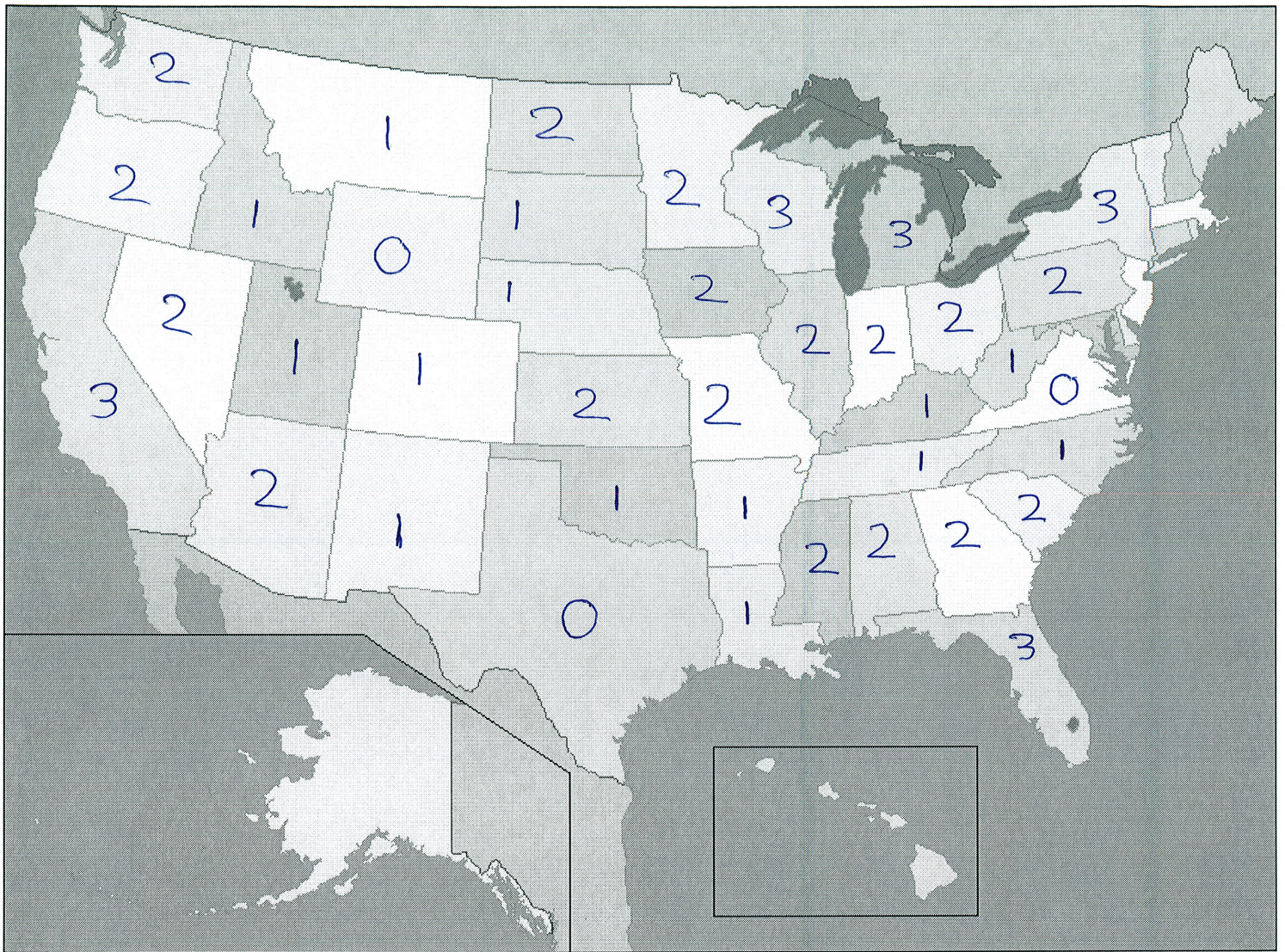




Example 2: If we locate centers at WA, TX, and VA, the maximum of $f(WA, TX, VA, St)$ over all States St , is 3.

So ~~the~~ locating the centers at WA, TX, and VA is better than locating them at WA, TX, and NC. This is because $3 < 4$. We want to find the best location of 3 centers in this sense.