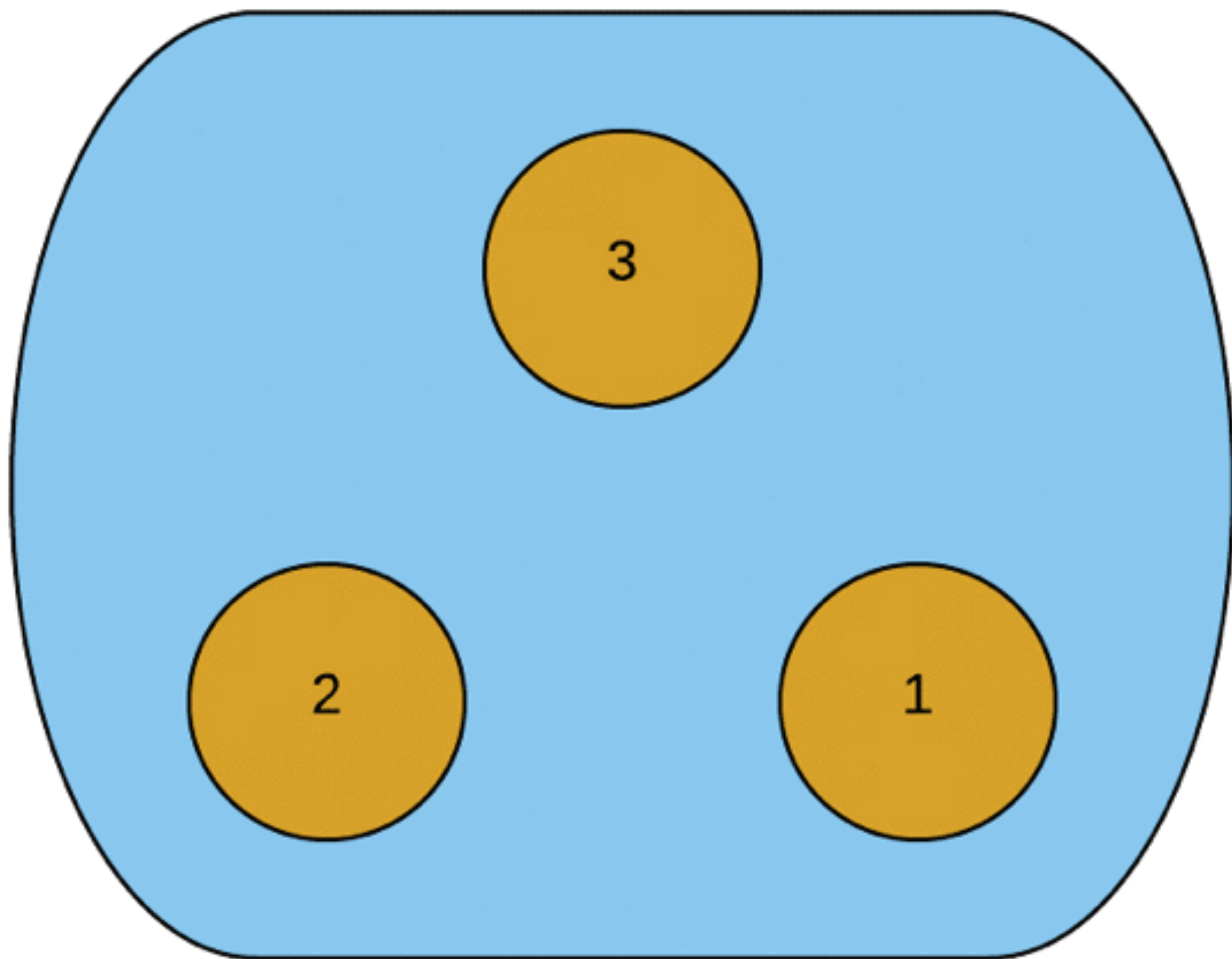
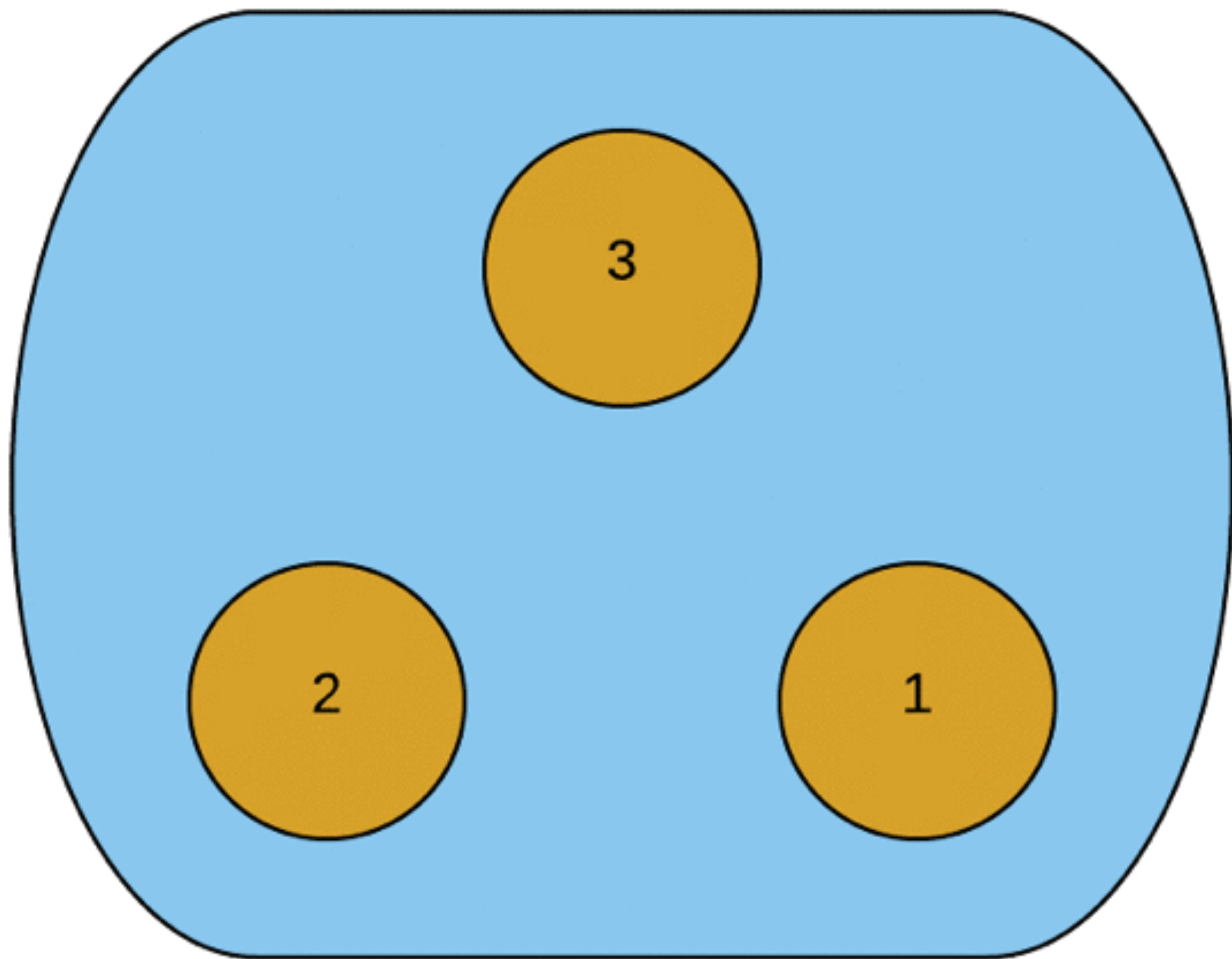


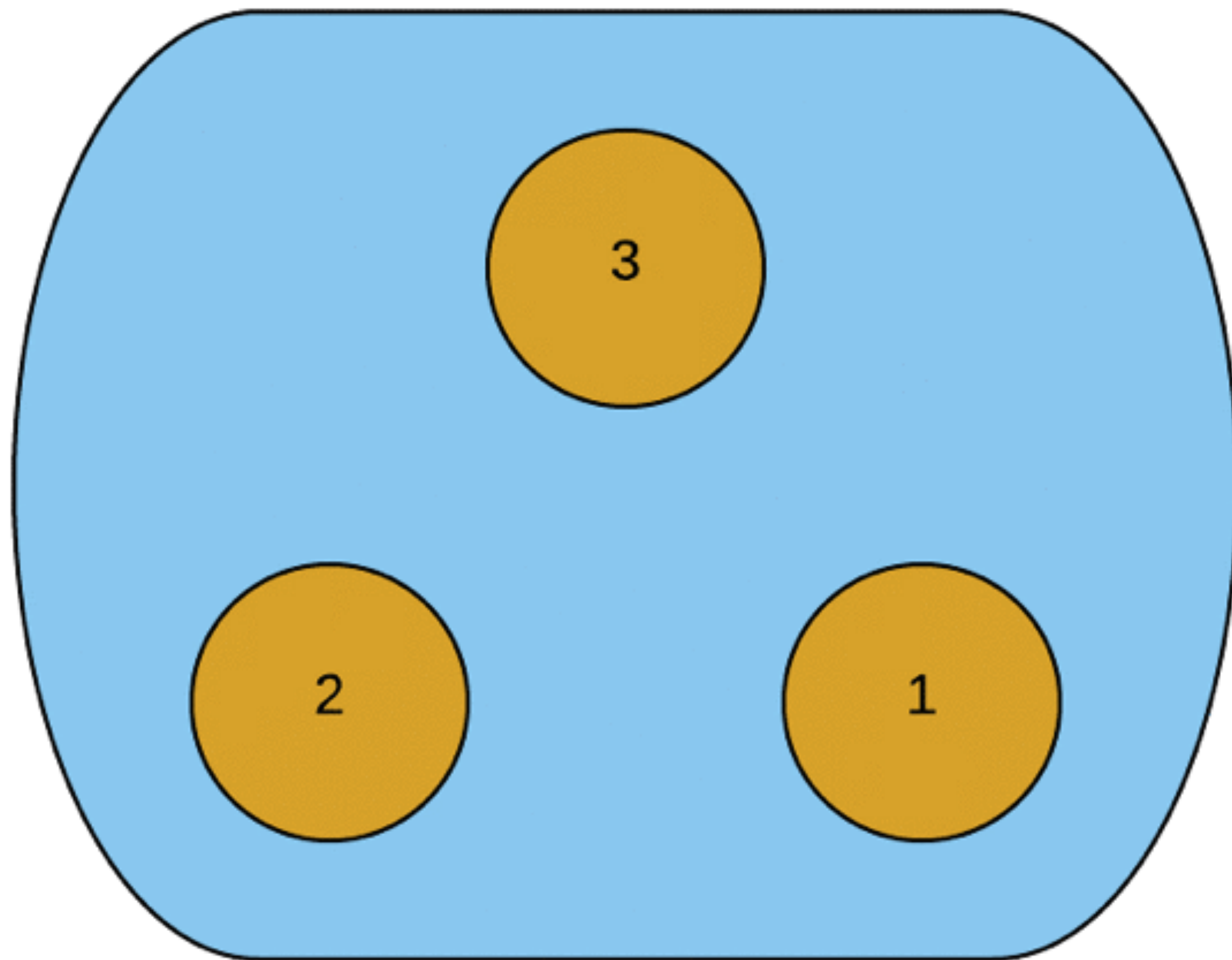


CRDTs

JavaScript Meetup Funchal









# Attempt 2

## A GCounter is

- $S$ : map of  $I \Rightarrow N: \{ \}$
- $\text{join}(s1, s2) = \text{max}(s1(i), s2(i))$
- $\text{value}(s) = \sum \text{values}(s)$
- **Mutators**
  - $\text{increment}(): S\{i \Rightarrow S(i) + 1\}$