

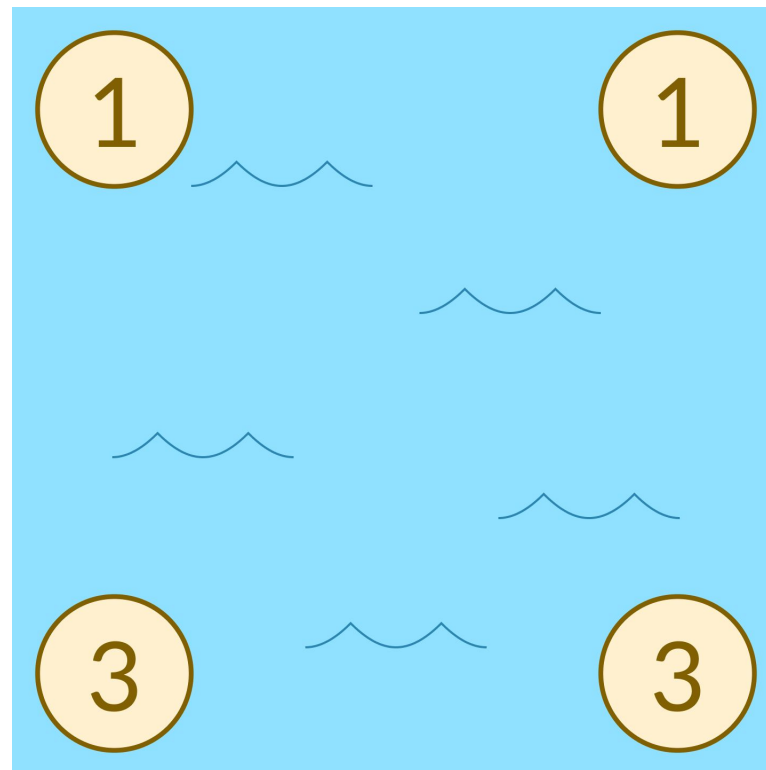


# Islands and Bridges



Our goal is to **build bridges** between these islands that follow the rules below:

- Bridges can only be **vertical** or **horizontal** (not diagonal).
- Bridges **can't cross** each other.
- There **can't be more than 2 bridges** between a pair of islands.
- The number of bridges connected to an island **must match the number** for that island.
- It must be possible to get from **any island** to **any other island** using the bridges.

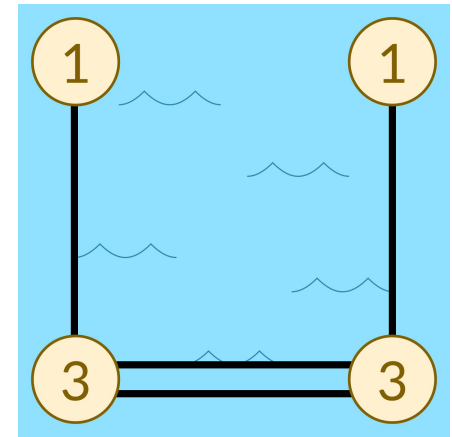
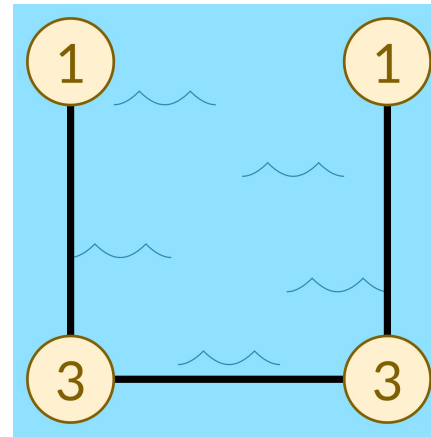
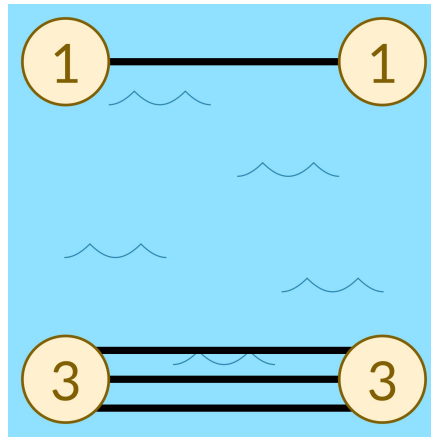
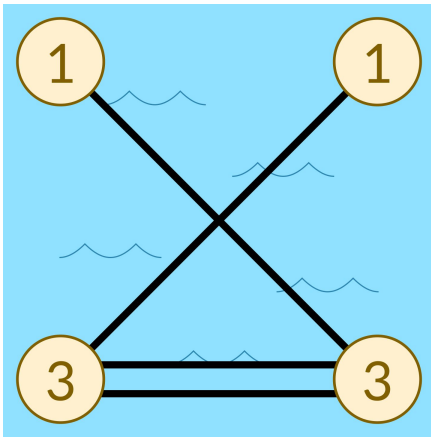




# Islands and Bridges



Here are four different ways of building bridges between these islands. Which of these sets of bridges follow the rules?



Remember, the rules for building bridges are:

- Bridges can only be **vertical** or **horizontal** (not diagonal).
- Bridges **can't cross each other**.
- There **can't be more than 2 bridges** between a pair of islands.
- The number of bridges connected to an island **must match the number** for that island.
- It must be possible to get from **any island to any other island** using the bridges.