



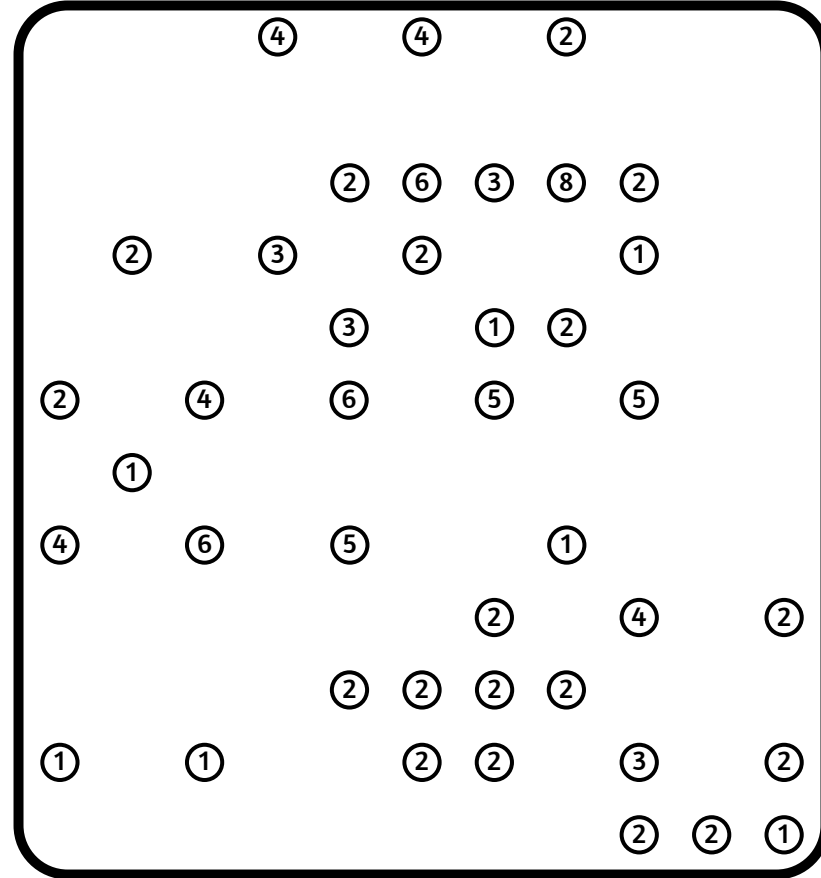
London Bridge is Falling Down

All these bridges, falling down,
 Falling down, falling down,
 Divided up our island town,
 My fair lady.

We needn't panic, lucky us,
 Lucky us, lucky us.
 We've tools to fix each arch and truss,
 My fair lady.

Folks will, once we link the isles,
 Link the isles, link the isles,
 Come back home With grateful smiles,
 My fair lady.

© 2025 CC BY-NC-SA Intl. 4.0
 Max Chemtov (Montreal, QC, CA)



Connect all the circular islands with horizontal and vertical bridges so that:

- All islands are linked into a single connected group.
- The numbers show how many bridges meet at each island.
- No bridge crosses an island or another bridge.
- At most two bridges connect any pair of islands.

Construction will happen in two stages: first all the single bridges, then all the double ones. Once it's all done, what will have been achieved?