Rules for OhNo

A numbered blue dot cannot see more blue dots along the same row, column than that number.

A blue dot must always be able to see at least one other blue dot.

A blue dot cannot see past a red dot. A red dot always closes the path.

## Generating Solutions

Each dot is a node in a matrix of dimension x

* State: Blue, Red, Empty
* Numbered or Not Numbered
* Number Value
* Complete (all seen dots accounted for)

1. Look for an incomplete Numbered Dot.
2. Can it see all its dots? If so, add a red terminus at first Empty node in row and column, mark Node Complete
3. If flipping the first Empty Node to Blue makes it see too many, than that Node is Red
4. Generate possible solutions in all directions, save each in an array of cell coordinates
5. If only one solution exists, use it. Set terminus Nodes to Red, mark Node as Complete
6. otherwise, Look for overlap in the solutions (array intersections)
7. Flip those to blue
8. If all numbered Nodes are Complete, fill in remaining Empty Nodes as Red

Reuse code from Oh h1, but as an array of ColorNodes.

Remove hypothesis mode

Keep Row-oriented operations, but drop the transform