



Map Coloring

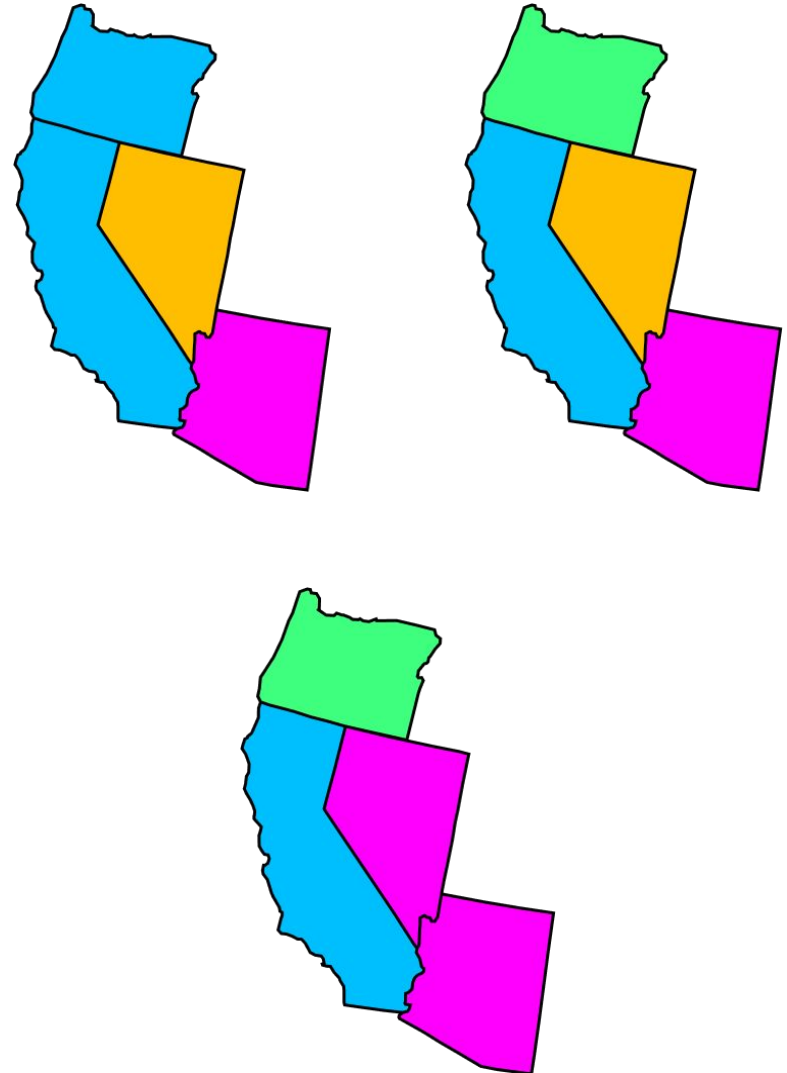


Here is a partial map of the United States consisting of California and its neighbors (Oregon, Nevada, and Arizona):



We want to color this map so that **states that share a border are different colors**. This is called a **proper coloring** of the map.

Which of these colorings are proper colorings?





Map Coloring



Can you find a proper coloring of this map that uses **only three colors**?



Can you find a proper coloring of this map that uses **only two colors**?

