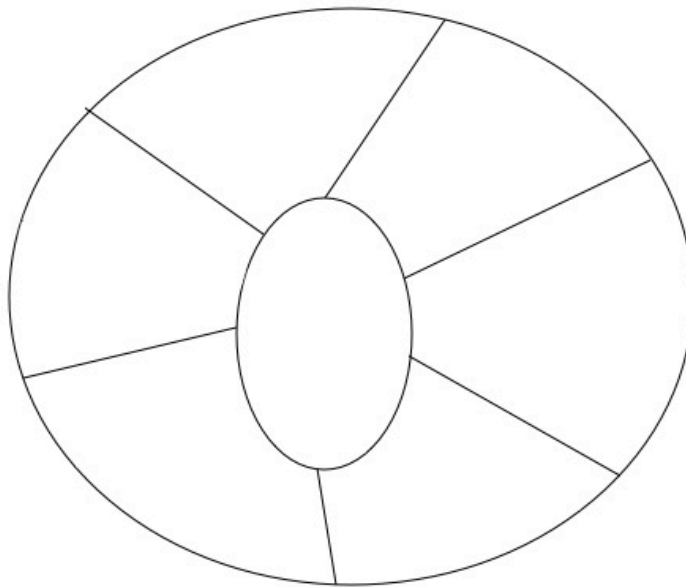


Is there a limit on the number of colors necessary to color a map such that no adjacent areas are the same color?

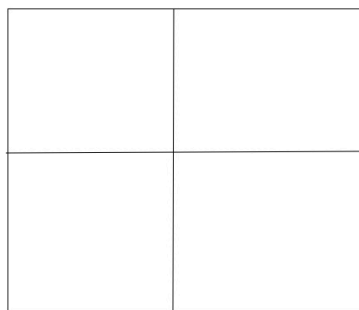
1)



2)



3)



Is there a limit on the number of colors necessary to color a map such that no adjacent areas are the same color?

3)

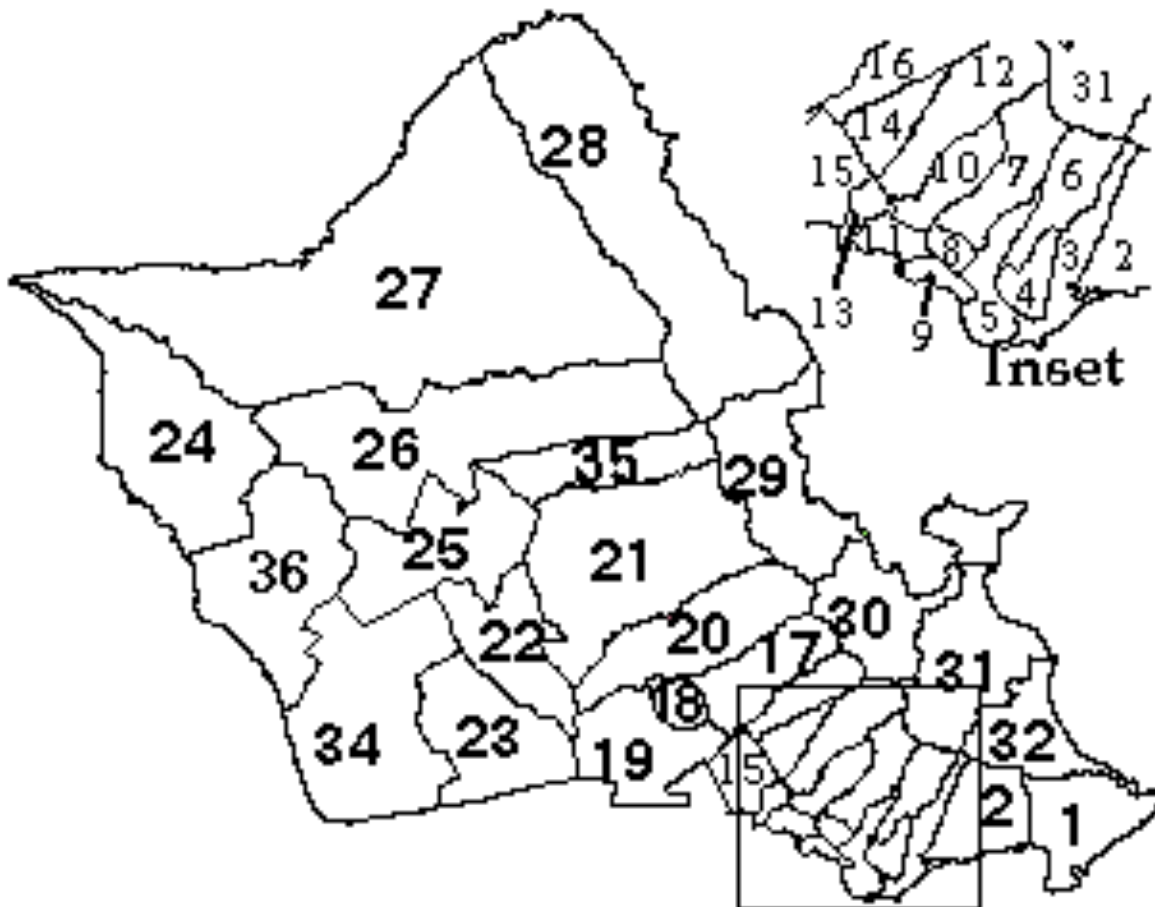


4)



Is there a limit on the number of colors necessary to color a map such that no adjacent areas are the same color?

5)



Is there a limit on the number of colors necessary to color a map such that no adjacent areas are the same color?

6)

