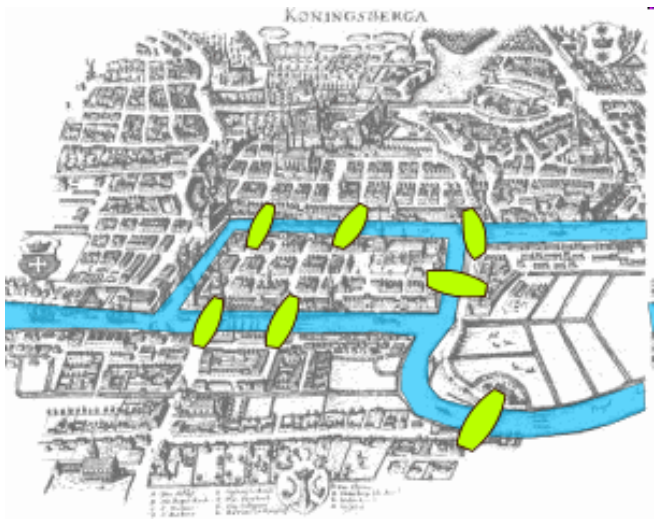
Solving Math Puzzles

Chun Lab.

Let's try to solve these math problems!

Prove that the U.S. states map can be colored by using only 4 colors.



Is it possible to walk with a route that crosses each of the seven bridges exactly once?

There are 40 students in a class. Compute the probability that there are two students with the same birthday.